TextLink 9100M

User Manual

Revision 2.2

Including optional
PC Link
and
TextLink 9100MT

DSPG Telecom

Contents

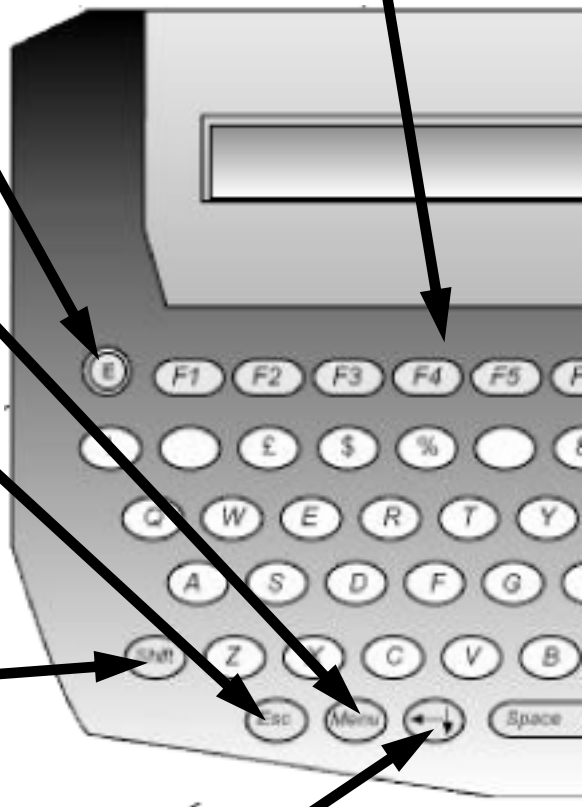
Function overview..... 6
Menu structure..... 10
General information..... 12
Getting started..... 14
How to set the time and date..... 16
Making text calls..... 17
How to dial a number..... 18
How to end a call..... 20
How to redial the last number..... 20
How to add a 'pause' when dialling..... 21
How to dial with a voice phone..... 22
How to set up your TextLink 9100M for mobile calls..... 23
How to make a mobile textphone call..... 24
Receiving text calls..... 25
How to answer a call..... 25
How to answer a call with a voice phone..... 26
How to answer a mobile textphone call..... 26
How to review and delete conversations..... 27
How to delete all old conversations..... 28
Using Voice Carry Over..... 29
Using the answering machine..... 31
How to write your own outgoing message..... 31
How to switch your text answering machine on..... 32
How to switch your answering machine off..... 33
Switching on your answering machine from another phone... 33
How to read your text messages..... 34
How to delete a single text message..... 35
How to delete all text messages..... 37
How to adjust the ring delay..... 38
Phone book operation..... 39
How to store a name and number..... 39
How to display and dial an entry in the phone book..... 40
How to search for an entry..... 41
How to edit an entry..... 42
How to delete an entry..... 44
Call list operation..... 45
How to view details of calls made..... 45
How to view details of calls received..... 46
How to dial a number from the call lists..... 46
How to copy a number to the phone book..... 48

How to delete the call lists…… 49
Additional caller display information…… 50
Function buttons…… 51
How to set a function button as a Quick Memo…… 52
How to set a function button as a Quick Dial…… 53
How to set a function button as Quick Menu…… 55
Emergency functions…… 58
How to dial the emergency number…… 58
Emergency memo…… 58
How to write your emergency memo…… 59
How to change the emergency number…… 60
Optional settings……62
How to adjust the contrast……62
How to adjust the backlight settings…… 63
How to switch the ringer on/off…… 65
How to switch the NGTS prefix On/Off…… 66
How to change the NGTS prefix…… 67
How to change the language setting…… 68
Power management…… 69
How to switch automatic shutdown on/off…… 69
“Undo” function …… 71
BT Call Sign…… 72
How to adjust your Call Sign settings…… 72
Printing…… 75
How to print a conversation…… 75
How to print a received answer message…… 76
How to print the whole phone book…… 77
How to print one entry from the phone book…… 77
Troubleshooting…… 79
How to reset your TextLink to its factory settings 81
Global textphone communication codes…… 84
Specifications…… 86
Guarantee…… 89
Product disposal……
90
Notes……91
PC Link manual…… 95
TextLink 9100MT……135

Function overview

Function buttons

Use the pre-programmed options to set the F1– F8 keys to work the way you want just by pressing one key, e.g.:
To send a standard personal text message
To select a frequently used menu setting
To store and dial a frequently called number.



Emergency number button

Press to call the emergency number you have stored, *page 58.*

Menu

Displays the menu options.

Esc

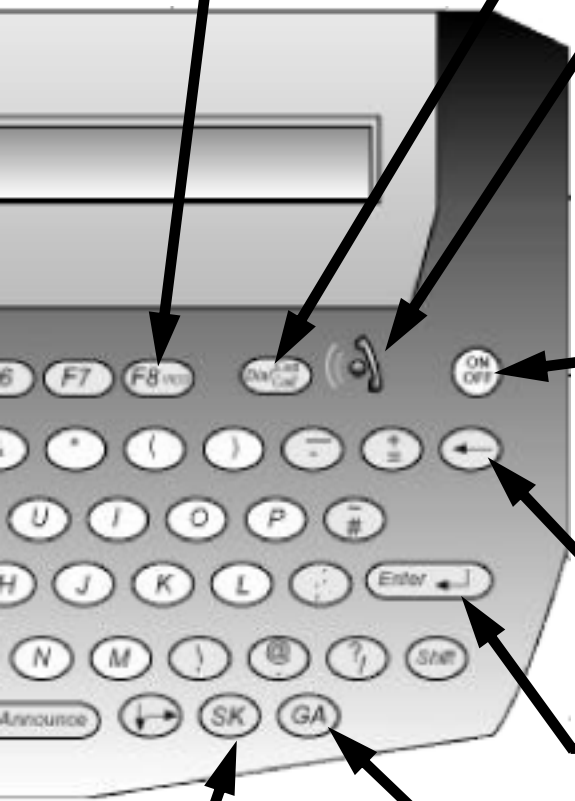
Returns the display to standby and cancels any editing in progress.

Shift

For upper and lower case characters.

Cursor/Navigation buttons

Enables you to easily scroll through menu options and move the cursor on the screen.



VCO

Lets you switch between text and voice communication during a call, *page 29.*

Dial/End Call

Allows you to dial a displayed number or end a call

Incoming calls/New message Indicator

Flashes every two seconds to indicate an incoming call. Flashes every four seconds to indicate a new answer machine message.

On/Off

Used for switching your textphone on and off.

Backspace

Moves the cursor back one space.

Enter

Used for confirming actions.

SK

Shortcut for ‘STOP KEYING’.

GA

Shortcut for ‘GO AHEAD’.

Expansion port

For connecting to a printer or PC.
You will need a special cable.

External telephone

For connecting additional telephone equipment i.e. amplified voice phone or fax.

Line in

For connection to the telephone line.

Mobile port

For connection to a mobile phone.

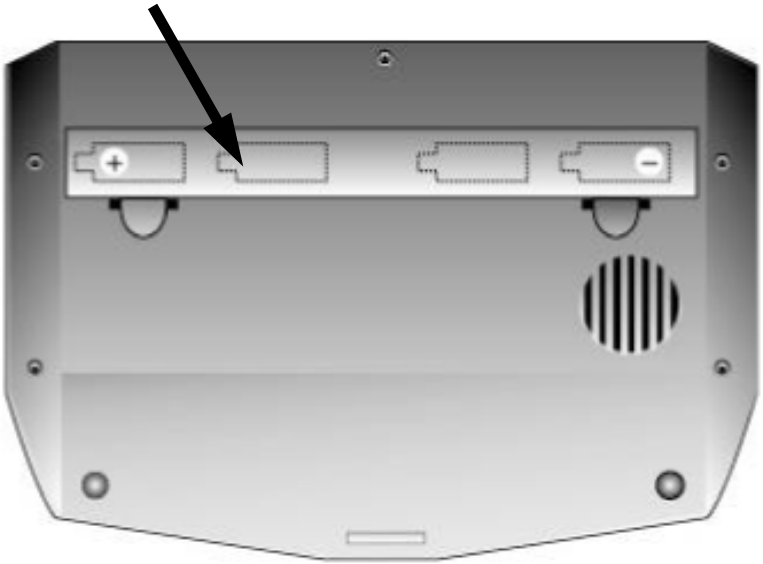
Only for use with the TextLink9100M mobile enabled model which is supplied with a mobile port cable.

Mains power socket

For connecting the textphone to the mains. Only the adaptor supplied should be used.

Battery compartment

4 x Alkaline AA batteries



Standby screen

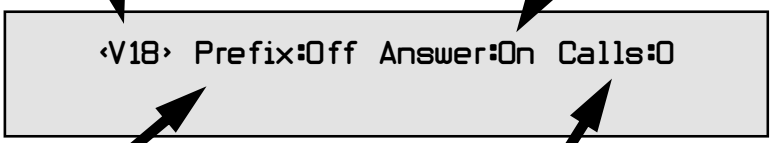
(When the product is idle)

V18

Ready for automatic communication with other textphones.

(Answer)

Text answering machine is ON or OFF.



(Prefix)

When ON the Textphone automatically connects calls to voice and text phones via the Next Generation Text Service.

(Calls)

Number of new answering machine messages received.

Menu structure

1. Answer machine	1. Answer On/Off 2. Read 3. Delete all 4. Answer message 5. Ring leNGTSh
2. Phone book	1. View 2. Search 3. Add entry 4. Edit prefix 5. Prefix mode 6. Print phone book
3. Call lists	1. Outgoing 2. Incoming
4. Conversation	1. Read conversations 2. Last conversation 3. Delete all
5. Settings	1. Contrast 2. Backlight 3. Printer On/Off 4. Ringer 5. Call sign 6. Clock 7. Auto shutdown 8. Language 9. Factory reset
6. Function keys	1. Edit keys 2. Emergency number 3. Emergency memo 4. Reset keys

7. Communications	1. Automatic (V.18) 2. Mobile 3. Mobile Baudot 4. Baudot 5. V. 21 (CCITT) 6. Bell 103 7. Direction mode
8. Upgrade	
9. Undo	

Internal options

Phone book	1. Call 2. Remove entry 3. Edit entry 4. Add entry 5. Print entry
Call options	1. Call 2. Store 3. Delete all
Options	1. Read 2. Delete 3. Print 4. Call

General information

Maintenance

Your TextLink should be cleaned with a damp cloth, or an anti-static wipe. Apart from the batteries, there are no customer replaceable parts.

There is a slight chance that your phone could be damaged by an electrical storm. We recommend that you unplug the power and telephone line cord for the duration of the storm.

Do NOT:

- Use household polish to clean it
- Use a dry cloth (as this may cause static shock).
- Use an unauthorised power supply. This will invalidate your guarantee and could damage the unit.
- Dispose of batteries in a fire. There is a serious risk of explosion with the possibility of the release of highly toxic chemicals.
- Leave flat batteries in the TextLink. Batteries should be replaced after 2 years even if they have not been used.
- Expose to direct sunlight.
- Stand your product on carpets or other surfaces which generate fibres, or place it in locations preventing free flow of air
- Submerge any part of your product in water and use it in damp or humid conditions, such as in bathrooms.
- Expose your product to fire, explosives, or other hazardous conditions.

Connection information

Your TextLink may be connected to public networks in the UK. It may be connected to switchboards that use tone signalling. If you are in doubt, contact your switchboard supplier.

HANDY HINTS

Every time this symbol appears in the text, it means that the information presented is only relevant to people residing in the UK.

How many phones can you have?

All items of telephone equipment have a Ringer Equivalence Number (REN), which is used to calculate the number of items that may be connected to any one telephone line. Your TextLink has a REN of 1. A total REN of 4 is allowed. If the total REN of 4 is exceeded, the telephones may not ring. With different telephone types there is no guarantee of ringing, even when the REN is less than 4.

Adjusting the TextLink codes

Your TextLink uses special communication codes to send the text to another phone. Both phones need to be set to the same code in order to communicate properly. See page 84.

The pre-set code is V.18

This is the automatic mode and enables your TextLink to connect to any other textphone and automatically select the right code setting. However, if you have problems communicating with textphones in other countries, you can try setting your TextLink to a specific code as shown on page 84.

Getting started

Planning the location of your TextLink

Place your TextLink close enough to the telephone and mains power sockets so that cables will reach.

1. Connect power supply unit to the TextLink and power supply socket.

2. Install the back-up batteries.

If the power fails or if you need to unplug your TextLink, the back-up batteries will ensure you can still operate the TextLink textphone.

Press down on the two clips on the bottom of your TextLink and flip open the battery compartment cover. Insert 4 x Alkaline AA batteries. Make sure they are the right way around. See the battery + and - symbols in the compartment. Hold the clips with one hand and clip the cover back into place with the other hand.

3. Plug the telephone line cord into the back of your TextLink. Plug the other end into the telephone line wall socket.

4. If required, connect a telephone or fax machine into the external telephone socket on the back of your TextLink.

5. (ON/OFF)

Press and hold this ⏻ button for 2 seconds.

Your TextLink switches on and goes through its setup procedure. The display shows the main screen.

```
‹V18› Prefix:Off Answer:Off Calls:0
```

To turn the textphone off, press and hold the ⏻ button for 2 seconds.

HANDY HINTS

If the product is running on the mains power supply it does not need to be switched off. If you are subscribing to the Caller Display service it must be left on to receive the caller information.

You are now ready to make and receive calls

For mobile enabled models of TextLink9100M, please refer to the setup information on page 23.

If you experience difficulties in setting up your TextLink please contact your supplier Customer Services.

Do you need to set the time and date?

If you have subscribed to your network's Caller Display service, the time and date are set automatically when your TextLink receives its first call.

If you do not have Caller Display, you can set the time and date yourself.

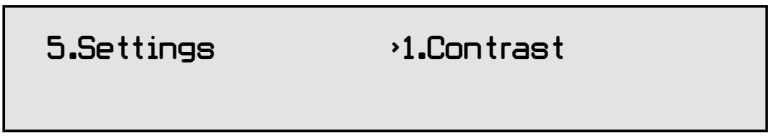
If you do not set the time and date it simply means that the textphone will not record the times that calls were made.

How to set the time and date

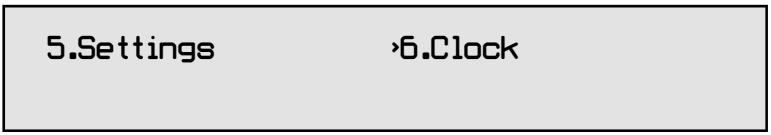
Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >5.Settings.

Press (Enter ↵) The display shows:



Press (↓→) until the arrow points to >6.Clock.



Press (Enter ↵) Enter the correct time using the 24 hour clock (eg. 0930 for 9.30am, 1615 for 4.15pm).

Press (Enter ↵)

Enter the correct date

(ddmmyy eg. 19 November 2000 = 191100).

Press (Enter ↵)

The display returns automatically to standby.

Making text calls

When you make a call through the BT Next Generation Text Service—NGTS (using the necessary prefix), you will receive messages on the display of your TextLink telling you whether the person you are calling is busy or whether their phone is ringing.

The service also recognises whether the call is to another TextLink or a voice phone.

If the call is to a voice phone, it will automatically be connected through an NGTS operator. They will type what is said by the other person and speak your written reply.

If the call is to another TextLink, the NGTS operator will not be contacted.

To use NGTS simply switch on the Prefix as described on page 67.

For more information on the **BT Next Generation Text Service** contact the following numbers:

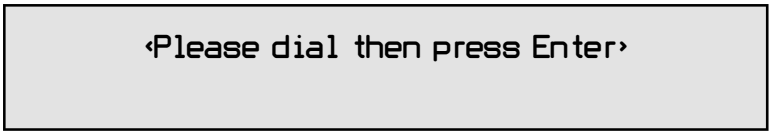
Telephone: 0800 7311 888
Textphone: 0800 500 888
NGTS Lite app
Web: //NGTS.org.uk

The helpdesk is open:

Monday to Friday, 9am—8pm
Saturday, 9am—6pm
Sunday, 9am—1pm
Public holidays, 9am-5pm (closed on Christmas Day)

How to dial a number

Type the phone number you want.
The display shows:

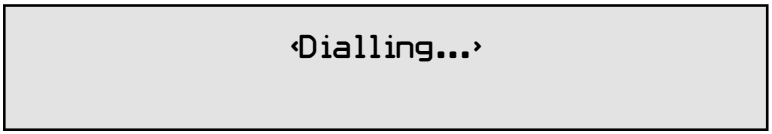


Press ← to delete the last digit.

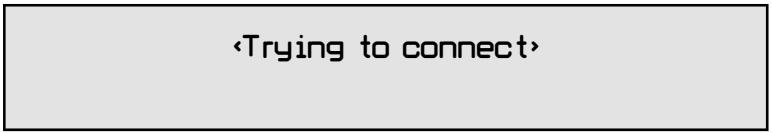
Press ←↑ ↓→ to move the cursor.

Press Enter ↵ The number is dialled.

The display shows:

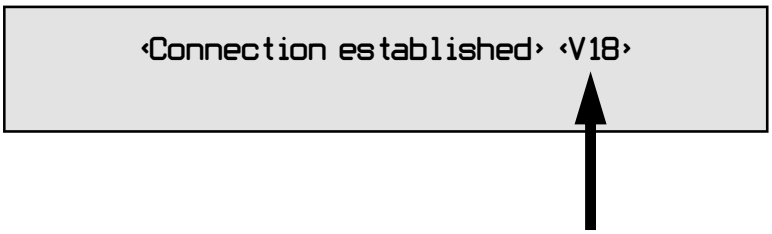


When the call is answered, the TextLink will display:



Note: *It may take up to 60 seconds to establish a connection.*

When the connection is made, the display shows:



Communication mode used

TextLink conversations

When you call out you must wait for the other person to type first. They will usually type "Hello GA". You can then type back what you would like to say. If you type something incorrectly, you can press ← to delete the text.

If you wish to review what has been said, you can press ←↑ to look at previous text. If you then type, or the other person types, the text will go back to the bottom.

Sticky keys

During a call it is possible to use lower case and capital letters. To use capital letters press and hold *Shift* and at the same time press the letter you wish to use in capital. This method also allows you to use the symbols above the number keys. You can also use the sticky key function.

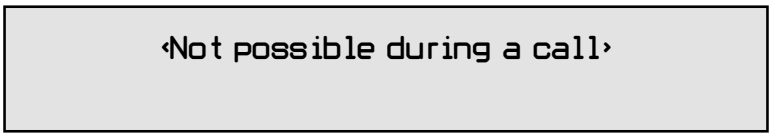
Press *Shift* twice.

Press the key you wish to see in capitals. The letter will appear.

Note: feature not enabled on some products

Using menus during a call

It is possible to access the menu during a call. To do so, press and hold *Menu* You can access the phone book, previous calls and change settings during a call. There are certain settings you cannot change during a call such as Communications or Upgrade in the main menu. The following message will appear if you try to use forbidden functions:



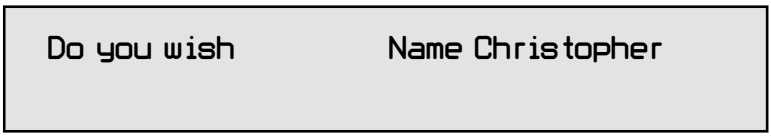
How to end a call

Press and hold DIAL END CALL

Dialling by name

Instead of dialling by entering their phone number, it is possible to call someone by entering their name. For this to be possible, their name and telephone number must be in the phone book. See page 39 on adding telephone entries. For example if you type the persons name and press Enter ↵ (you do not have to type all their name, just the first few letters).

The following message will appear:



If you press Y the number will be called.
If it is not the correct person press N to return to the main screen or press ←↑ ↓→ to move to the nearest entries in the phone book.

How to redial the last number

From the standby screen press Enter ↵ The last number you called is redialled.

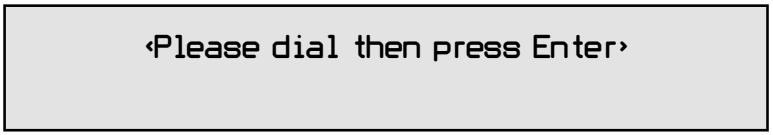
How to add ‘pause’ when dialling

If your TextLink is connected to a switchboard or if you are using a chargecard, you may need to put a ‘pause’ into the phone number. To enter a pause, press the between the number.

Examples of using a ‘pause’ when dialling

Calling an outside line via a switchboard

You may need to dial 9 then pause to dial an outside line.
To do this type 9,020 1234 5678.
The TextLink will then pause for two seconds between dialling the 9 and the 0.



Press Enter ↵ to dial the number.

How to dial with a voice phone

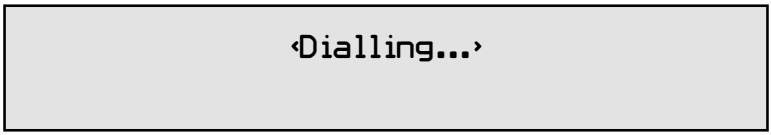
If you dial using the voice phone and decide you wish to change to text you need to:

From the telephone standby screen

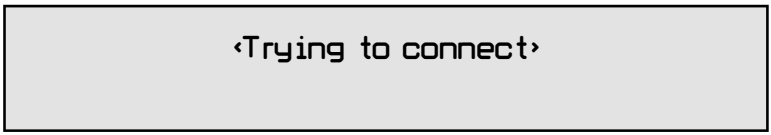
Press Space Announce twice

and then press Enter ↵

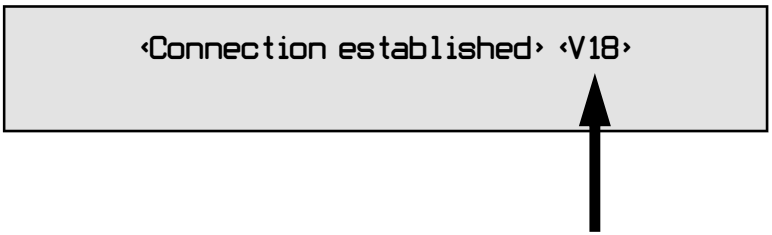
The following message will appear. You may now put down the handset.



Soon afterwards the following message will appear:



When a connection is made the display shows:



How to set up your TextLink 9100M for mobile calls

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >7.Communications.

Main Menu	›7.Communication

Press (Enter ↵) The display shows:

7.Communications	›1.Automatic (V. 18)

Press (↓→) until the arrow points to >2.Mobile.

Press (Enter ↵)

Insert the 2.5 mm jack of the mobile cable into the back of the TextLink 9100M.

Connect the 2.5 mm jack of the mobile cable into the handsfree connector of your mobile phone.

Your TextLink 9100M is now ready to make calls.

* Models with a headphone jack

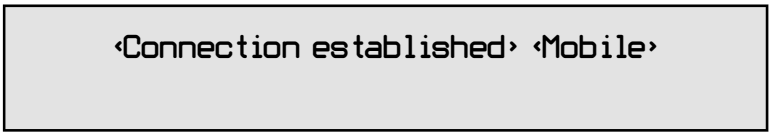
Please note when to use the following mobile modes.

Mobile: This mode is used only for calls made directly to another V.18 textphone capable of supporting a special mode called “CTM” This mode currently cannot be used with NGTS.

Mobile Baudot: This mode is used only for calls made directly to another textphone set in “baudot” mode. You may call other textphones in different modes via NGTS, though occasionally you may find errors in the text.

How to make a mobile textphone call

Press (Space Announce) The display shows:



Dial the number of the person you wish to call on your mobile phone.

Wait for the other user to answer and type a greeting.
Once they have answered, you can start your conversation.

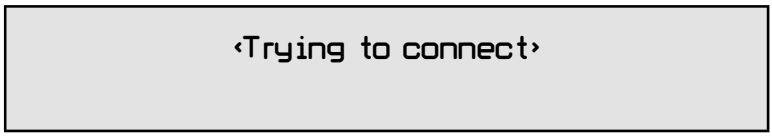
Once you finish your call press (DIAL END CALL) and press end call on your mobile.

Receiving text calls

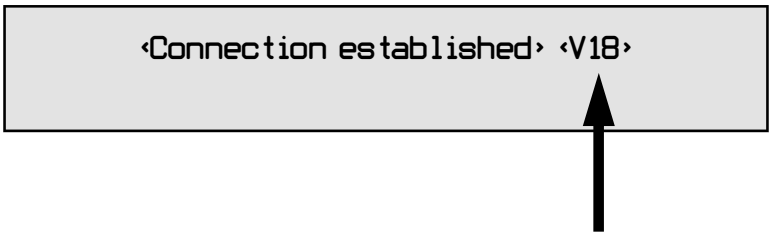
When your TextLink receives a call, the extra bright indicator flashes.

How to answer a call

Press DIAL END CALL The display shows:



You are connected when the display shows:



Communication mode used

Note: It may take up to 60 seconds to establish a connection.

Type your greeting. Type your conversation.

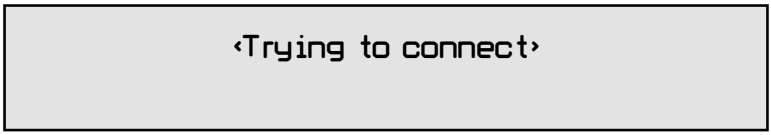
Press DIAL END CALL to end the call.

How to answer a call with a voice phone

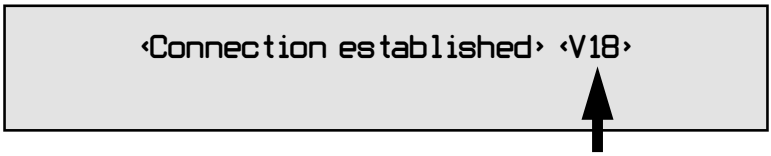
If you have a voice phone connected to the Telephone extension at the back of your TextLink, you can answer the call with the voice phone. If you then find that the person is using a textphone it may be necessary to switch to text.
To do this:

From the TextLink standby screen press and hold and at the same time press Shift DIAL END CALL

The display shows:



When a connection is made the display shows:



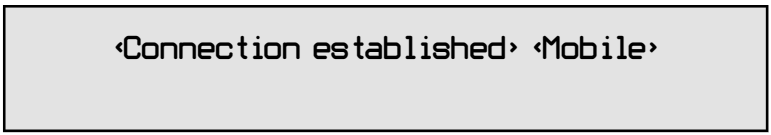
Communication mode used

*Optional Feature - specific models only**

How to answer a mobile textphone call

Firstly answer the call on your mobile.

Press Space Announce The display shows:



Type your greeting e.g: " Hello GA "
You are now having a mobile textphone conversation.

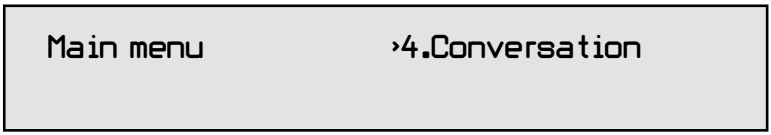
Once you are finished your call press DIAL END CALL and press end call on your mobile.

How to review and delete conversations

You can replay your text conversation.

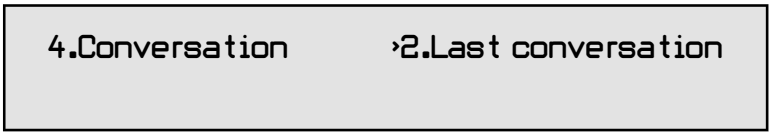
Press (Menu)

Press (↓→) until the arrow points to >4.Conversation.



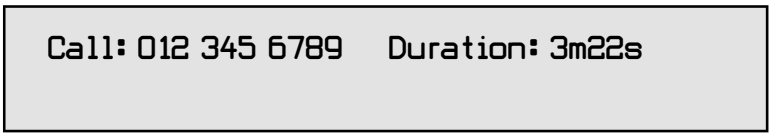
Press (Enter ↵) The display shows the Conversation sub-menu.

Press (↓→) until you reach >2.Last conversation:



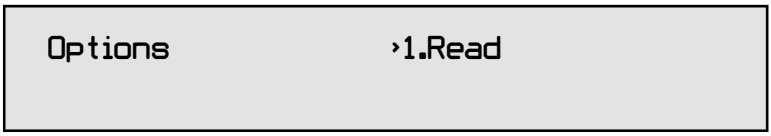
Press (Enter ↵)

The details of the last conversation are shown.



Press (Enter ↵)

The display shows the Options menu >1.Read.



Press (Enter ↵)

Press (↓→) to scroll through the conversation.

Press (Esc) to return to standby.

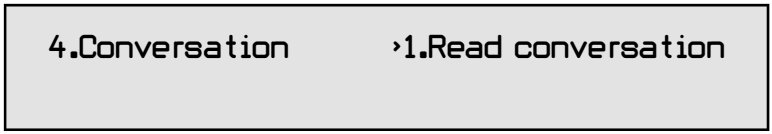
If you wish to delete the conversation instead of reading it then select >2.Delete from this menu.

How to delete all old conversations

Press (Menu) The menu is displayed.

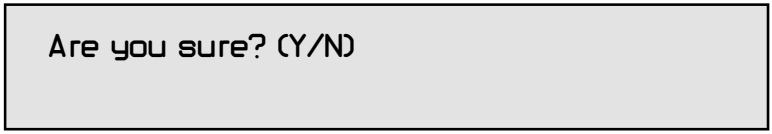
Press (↓→) until the arrow points to >4.Conversation.

Press (Enter ↵) The display shows:



Press (←↑) (↓→) until the arrow points to >3.Delete all.

Press (Enter ↵) The display shows:



Press (Y) The display shows:

Followed by:

Or Press (N) to cancel.

You will be returned to the standby screen.

Using Voice Carry Over (VCO)

This allows you to talk or listen during a call. An additional standard telephone or a fax machine with a handset is required.

How to switch between a text and voice conversation

While you are in the middle of a call, lift the handset of the telephone or fax machine, which should be plugged into the external socket on the back of your TextLink.

Then press (F8 VCO) The display tells you to speak now:

```
‹Speak now, press space for text›
```

This is the Voice Carry Over mode. If the other person also changes to VCO mode you can have a conversation.
If your caller switches from text to voice before you do, during a call, this can be detected by your TextLink. This will only work if your communications are set to either V.21 mode or V.18 mode.
The following display will indicate this:

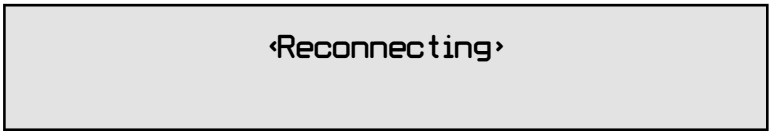
```
‹Line is silent. Press VCO or End call›
```

Your textphone will not allow you to type as it is telling you there is no textphone to send text to. It is asking you to either go to VCO so that you can have a voice conversation or end the call.

How to return to text conversation

Press (Space Announce) on your TextLink.

The display shows:



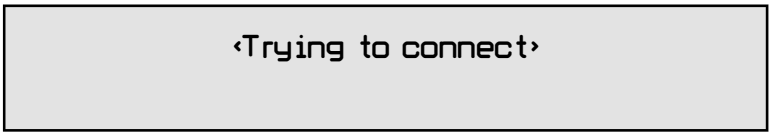
If you get a message telling you the 'Line is silent' this means:

1. The caller has not returned to text yet.
2. The caller has hung up.
3. The caller has a product which uses VCO differently. In this case, which is common with textphones that have built-in handsets, you must lift the handset again, press (VCO) to go back to VCO, then press (B) This will force a Baudot text connection.

How to use the voice announcer

Your TextLink has a standard voice announcement for voice callers that ring your number.

When you answer the call, a message will appear on your display:



The bar beneath is the signal streNGTSh indicator. It shows how loud the signal is. When a textphone calls, the signal streNGTSh will remain steady and your TextLink will connect to the other textphone. If a voice caller speaks, the signal streNGTSh will move when they speak. It can therefore help to recognise a voice caller.

Press (Space Announce)

Your caller will hear 'Textphone, Please use TextDirect'.

You may wish to repeat this action as the message is given once each time you press (Space Announce)

Using the answering machine

If you cannot, or do not wish to take a call, turn on the answering machine. Your TextLink will answer any text calls with a short message. The caller can then leave a text message for you to read later. The pre-set outgoing message (OGM) is "Hello, please leave a message. GA"

How to write your own outgoing message (OGM)

This will replace the pre-set OGM.

Press (Menu) The display shows:

```
Main menu          ›1.Answer machine
```

Press (Enter ↵) The display shows:

```
1.Answer machine   ›1.Answer On/Off
```

Press (↓→) until the arrow points to >4.Answer message.

```
1.Answer machine   ›4.Answer message
```

Press (Enter ↵) The display shows:

```
Please edit your answer message...
```

Press (←) to delete the message.

Or press (←↑) (↓→) to move the cursor to the letters you wish to change.

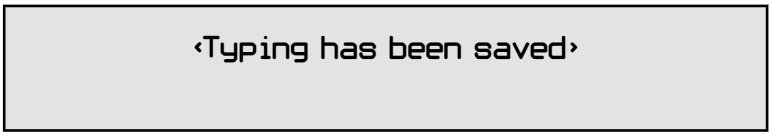
Or press (Shift) and (←↑) to move the cursor to the beginning of the text.

Or press (Shift) and (↓→) to move the cursor to the end of the text.

Type your new OGM

Press (Enter ↵) to save.

The display shows:

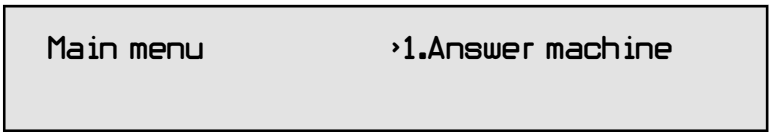


Or

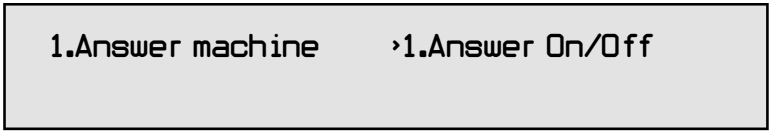
Press (Esc) to retain the original OGM.

How to switch your text answering machine on

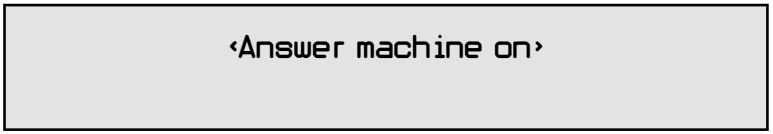
Press (Menu) The display shows:



Press (Enter ↵) The display shows:



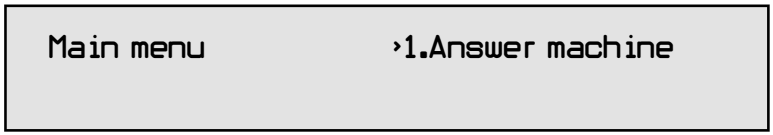
Press (Enter ↵) until the display shows:



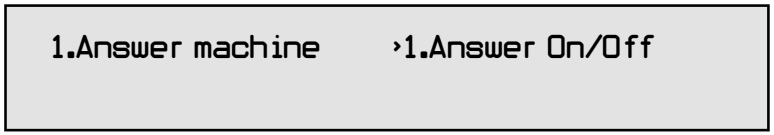
The machine is now switched on.

How to switch your answering machine off

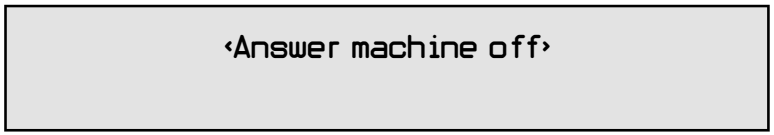
Press (Menu) The menu is displayed.



Press (Enter ↵) The display shows:



Press (Enter ↵) until the display shows:



The machine is now switched off.

To interrupt the answer machine

Simply start typing to answer a call that is coming in when the answering machine is recording text.

Switching on your answering machine from another phone

If you forget to switch on your answering machine when you go out:

- Ring your TextLink number. The answering machine will switch on after 20 rings and start connecting.
- Hang up. Your answering machine is now on.

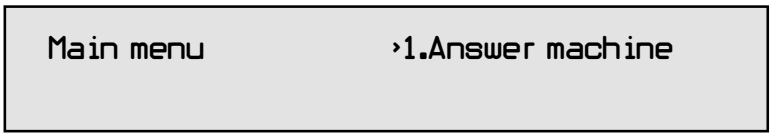
New message indicator

When you have new messages on your answering machine:

- the incoming calls light flashes every four seconds.
- display shows the number of new messages in the top right-hand corner, for example “Calls: 3”.

How to read your text messages

Press (Menu) The display shows:



Press (Enter ↵)

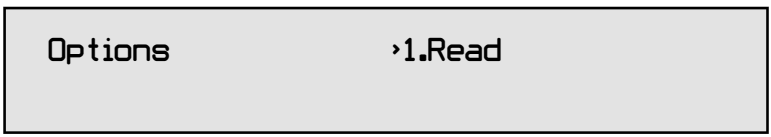
Press (↓→) until the arrow points to >2.Read

Press (Enter ↵)

Press (←↑) (↓→) to scroll through your message summaries.

When the display shows the message you want

Press (Enter ↵) The display shows:



Press (Enter ↵) to read the message.

Display shows the first line.

Press (←↑) (↓→) to scroll through the message.

Press (Esc) to return to your message summaries.

Press (↓→) to view the next message summary.

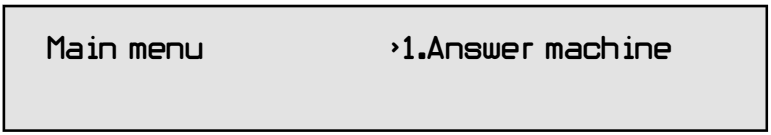
Press (Esc) when finished to return to standby menu.

Display shows how many new messages you have and the summary details of the oldest unread message.

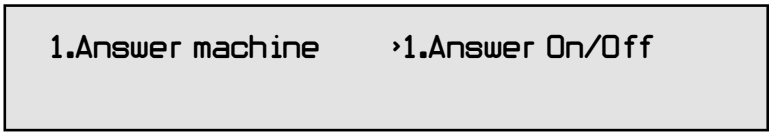
If you have subscribed to Caller Display this includes the phone number of the caller.
The date and time of the call is shown if the clock has been set.

How to delete a single text message

Press (Menu) The display shows:



Press (Enter ↵) The display shows:

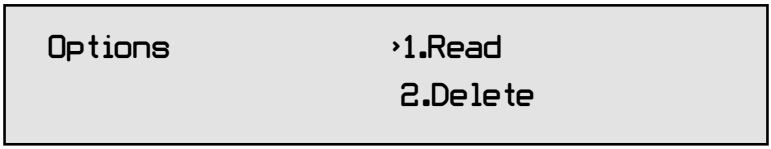


Press (↓→) until the arrow points to >2.Read

Press (Enter ↵)

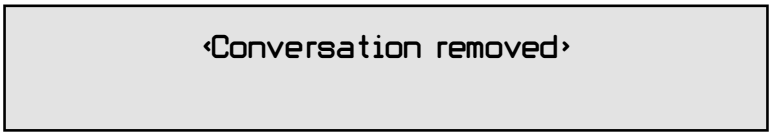
"You have (number) new messages" comes up and you are then taken to the summary menu where you can scroll through your messages using the arrow keys. Select the message you want to delete by pressing (Enter ↵)

Continued on next page



Press (↓→) until the arrow points to >2.Delete.
Press (Enter ↵) to confirm.

The display shows:

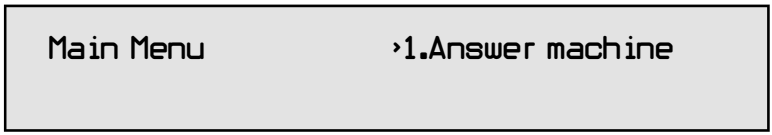


The message has now been deleted.
If this is your only message this will be followed by the message:

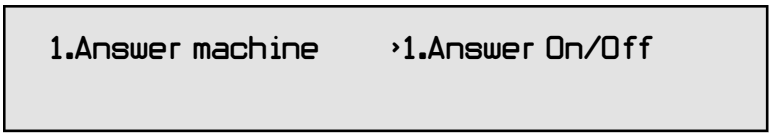
How to delete all text messages

To keep your TextLink memory free for new messages, delete your messages regularly.

Press (Menu) The menu is displayed.



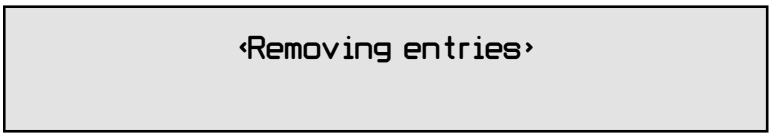
Press (Enter ↵) The display shows:



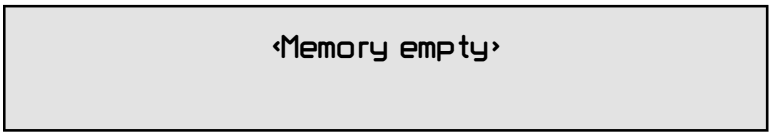
Press (↓→) until the arrow points to >3.Delete all.

Press (Enter ↵) The display shows:

Press (Y) The display shows:



Followed by:



Or

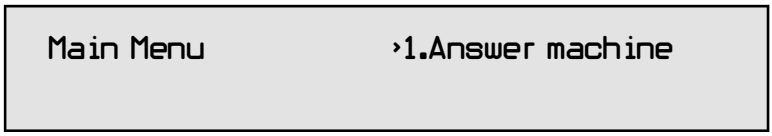
Press (N) to cancel.

You will be taken back to the standby screen.

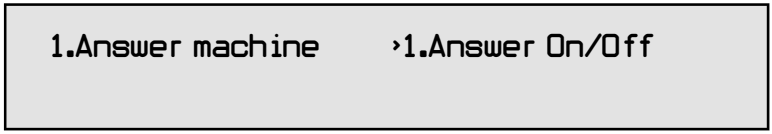
How to adjust the ring delay

The ring delay is the number of rings before your TextLink answers a call. The pre-set number of rings is 6. Choose from 2, 3, 4, 6 or 10 rings.

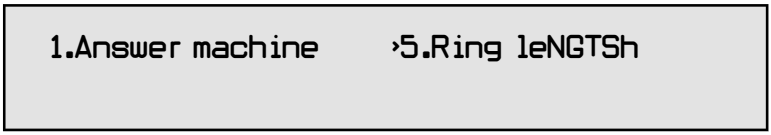
Press (Menu) The menu is displayed.



Press (Enter ↵) The display shows:



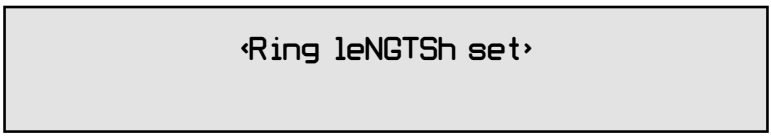
Press (↓→) until the arrow points to >5.Ring leNGTSh



Press (Enter ↵) Cursor indicates the current setting.

Press (←↑) (↓→) to move the cursor to the ring delay setting you want.

Press (Enter ↵) Display confirms:



Phone book operation

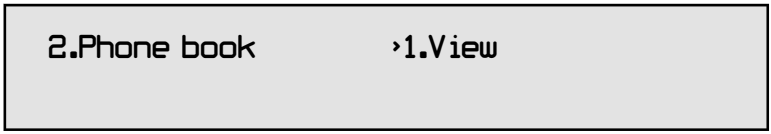
You can store up to 127 names and numbers in your TextLink's phone book.

How to store a name and number

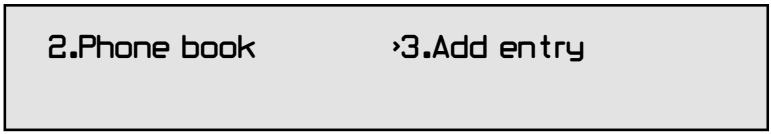
Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >2.Phone book.

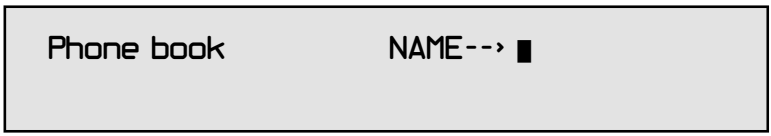
Press (Enter ↵) The display shows:



Press (↓→) until the arrow points to >3.Add entry.



Press (Enter ↵) The display shows:



Type in the name of the person.

Press (Enter ↵) Type the telephone number.

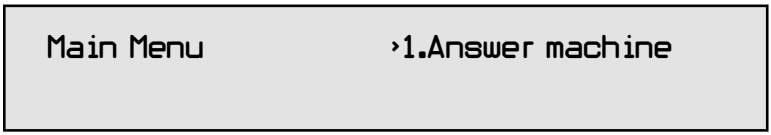
Press (Esc) at any time if you do not wish to save an entry.

Press (Enter ↵) The display confirms:

Add another entry or press (Esc) until your TextLink returns to standby.

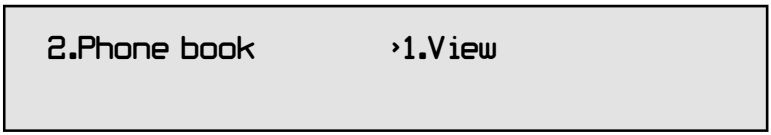
How to display and dial an entry in the phone book

Press (Menu) The menu is displayed.



Press (↓→) until the arrow points to >2.Phone book.

Press (Enter ↵) The display shows:



Press (Enter ↵) The display shows the first entry (alphabetically) in the phone book.

Press (←↑) (↓→) keys to scroll to the entry you want.

Or

To find an entry in the phone book quickly, press the first letter of the person's name.

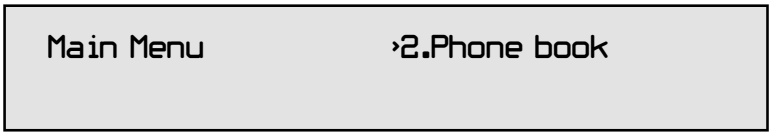
Press (Enter ↵) or (DIAL END CALL) press to dial the number.

How to search for an entry

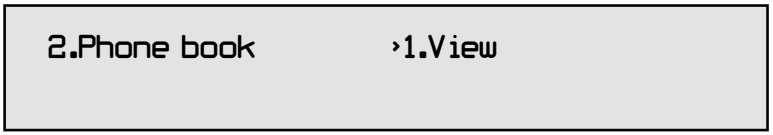
Use search to find entries by typing in the first letter(s) of the name you are looking for.

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >2.Phone book.



Press (Enter ↵) The display shows:



Press (↓→) until the arrow points to >2.Search.

Press (Enter ↵) The display shows:

Type the name you want. You do not have to type the full name. For example, to find the entry for Dave Smith, you may only have to type the first few letters of the name.

Press (Enter ↵)

The display shows the nearest matching entry.

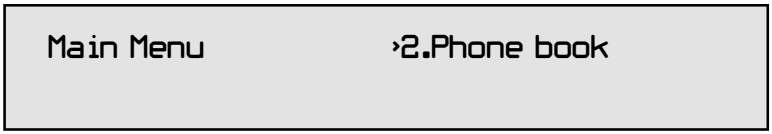
If more than one entry matches the letter(s) you have typed you may need to press the (←↑) (↓→) to scroll to the other entries.

Once you have found the entry press (Enter ↵) twice to dial the number.

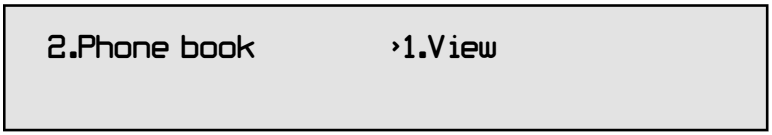
How to edit an entry

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >2.Phone book.

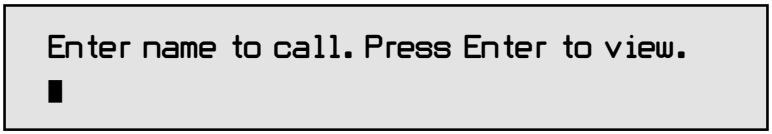


Press (Enter ↵) The display shows:



Press (↓→) until the arrow points to >2.Search.

Press (Enter ↵) The display shows:



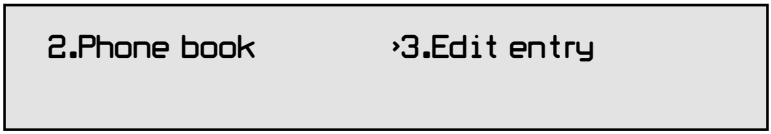
Type the first letter(s) of the name you want.

Press (Enter ↵)

Display shows the nearest matching entry. If more than one entry matches the letter(s) you have typed you may need to press the (←↑) (↓→) to scroll to the other entries.

When you find the entry you require press (Enter ↵)

Press (↓→) until the arrow points to >3.Edit entry.



Press Enter ↵ The name is displayed.

If you want to change the name, use the ← button to delete letters. Then type in the correct name.

Press Enter ↵ You may now edit the phone number.

If you want to change the number, use the ← button to delete characters and then type in the correct number.

To cancel at anytime during editing, press the Esc button.

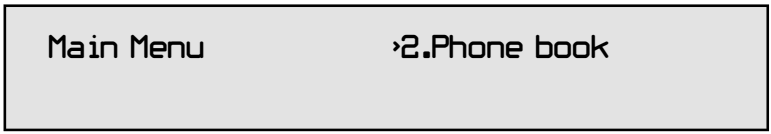
Press Enter ↵ The screen confirms:

Press Esc until the display returns to standby.

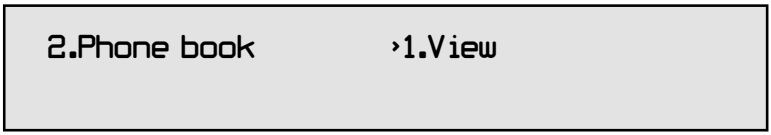
How to delete an entry

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >2.Phone book.



Press (Enter ↵) The display shows:



Press (↓→) until the arrow points to >2.Search.

Press (Enter ↵) The display shows:

Type the name you want.

Press (Enter ↵) The display shows the entry.

Press (Enter ↵) to display the entry menu.

Press (↓→) until the arrow points to >2.Remove entry.

Press (Enter ↵) The display shows Are you sure? (Y/N).

Press (Y) The display shows <Entry removed> then goes back to the Phone book. Or press (N) to cancel and go back to the Phone book entry.

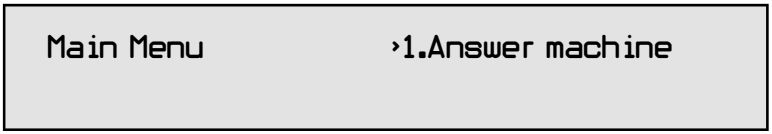
Call lists operation

Your TextLink can show you details of the last 24 calls made and, providing you have subscribed to Caller Display* the number, date and time of the last 24 calls you have received even if no message has been left.

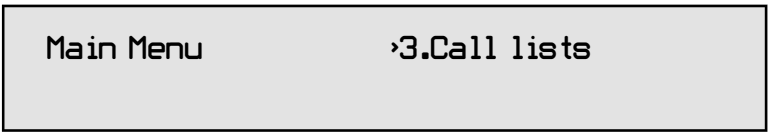
How to view details of calls made

You can scroll through details of the last 24 calls.

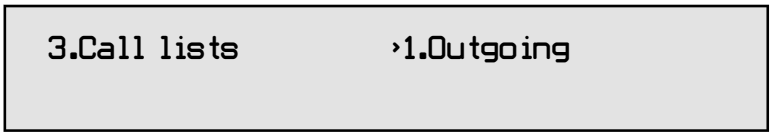
Press (Menu) The menu is displayed.



Press (↓→) until the arrow points to >3.Call lists.



Press (Enter ↵) The display shows:



Press (Enter ↵)

The display shows details of the two most recent calls made.

Press (←↑) (↓→) to scroll through the Call lists.

Press (Esc) until the display returns to standby.

How to view details of calls received

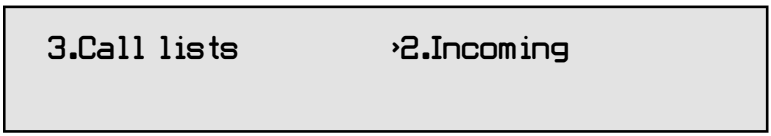
You must subscribe to the Caller Display* service offered by your network provider to display this information.

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >3.Call lists.

Press (Enter ↵)

Press (↓→) until the arrow points to >2.Incoming.



Press (Enter ↵)

The display shows the details of the two most recent calls made.

Press (←↑) (↓→) to scroll through the Call lists.

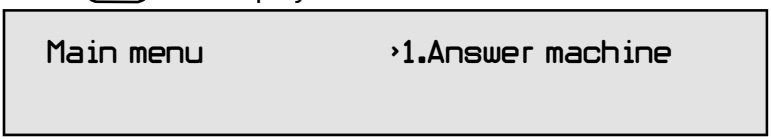
Press (Esc) until the display returns to standby.

* Caller Display and Call Sign are trademarks of BT. You need to contact your telephone network provider to subscribe to these services.

How to dial a number from the call lists

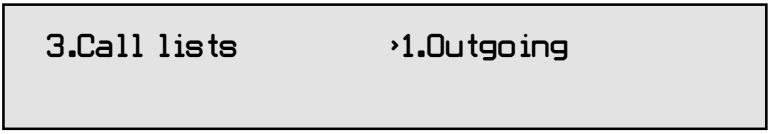
When you have displayed a number in the call lists, you can dial it.

Press (Menu) The display shows:

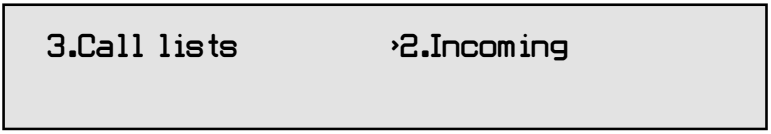


Press (↓→) until the arrow points to >3.Call lists.

Press (Enter ↵) The display shows:



These are phone numbers of the calls you have made.
For the phone numbers of callers who have rung you, press (↓→) so that the arrow points to >2.Incoming.

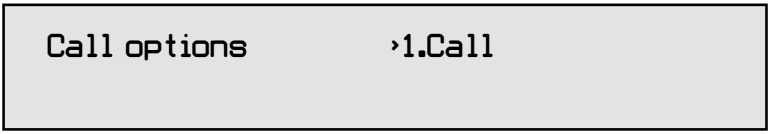


Press (Enter ↵)

The display shows the details of the two most recent calls.

Press (←↑) (↓→) until the arrow points to the phone number you want.

Press (Enter ↵) The display shows:



Press (Enter ↵) again

The number is displayed and dialled.
If no number is registered the following will appear:

How to copy a number to the phone book

HANDY HINTS

This is only possible on the incoming calls list if you have subscribed to Caller Display. Caller Display and Call Sign are trademarks of BT. You need to contact your telephone network provider to subscribe to these services.

Press (Menu)

Press (↓→) until the arrow points to >3.Call lists.

Main Menu	›3.Call lists

Press (Enter ↵) The display shows:

3.Call lists	›1.Outgoing

Or to display the phone numbers of callers who have rung you, press (↓→) so that the arrow points to >2.Incoming.

3.Call lists	›2.Incoming

Press (Enter ↵)

The display shows the details of the two most recent calls.

Press (←↑) (↓→) until the arrow points to the phone number you want.

Press (Enter ↵) The display shows the Call options menu.

Press (↓→) until the arrow points to >2.Store.

Call options	›2.Store

Press (Enter ↵) The display shows the number selected.

Type the name.

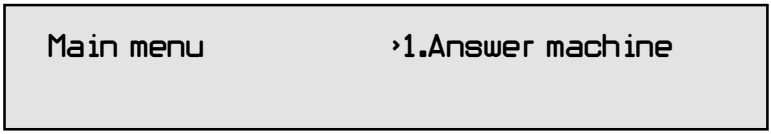
Press (Enter ↵) If necessary, edit the number.

Press (Enter ↵) to save. The display shows:

Press (Esc) until the display returns to standby.

How to delete the call lists

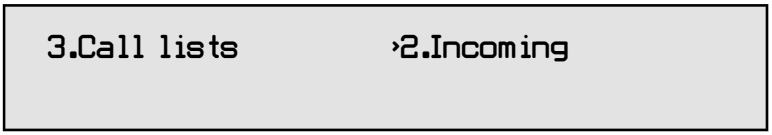
Press (Menu) The display shows:



Press (↓→) until the arrow points to >3.Call lists.

Press (Enter ↵)

If you want to delete the list of calls you have received, press so that the arrow points to: >2.Incoming.



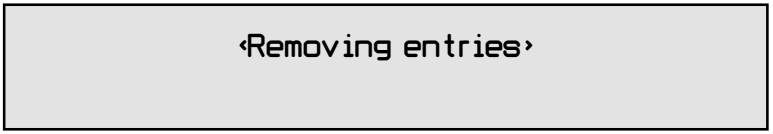
Press (Enter ↵)

The display shows the details of the two most recent calls.

Press Enter

Press ↓→ until the arrow points to >3.Delete all.

Press Enter The display shows:



Then:

The list is deleted.

Press Esc until the display returns to standby.

By selecting outgoing from the call lists, it is possible to delete the outgoing call list in the same way.

Additional Caller Display information

If you have subscribed to Caller Display, you will see a text message if the number of your caller is not available.

WITHHELD: The caller has stopped their number from being sent.

INTERNATIONAL: The call received was from outside the UK.

UNAVAILABLE: The caller's exchange/network does not offer a Caller Display Service.

OPERATOR: The call has come via the operator.

PAYPHONE: The caller is ringing from a payphone.

RINGBACK: The exchange is ringing to let you know that a previously engaged number is free.

NO NUMBER: If your TextLink does not recognise the information contained within the caller display message, it will not show a number.

Function buttons

Pre-set one-touch functions

The F1 – F8 buttons give you shortcuts to different functions.

When you receive your TextLink, they are pre-set to do the following actions:

Action	Button
Switch answer machine On/Off	F1
Read answer messages	F2
Phone book	F3
Incoming calls list/display last conversation	F4
Review last call	F5
Greeting "Hello GA"	F6
Blank	F7
Blank/redial	F8 VCO

You can also set the F1 – F8 buttons to work in the way that suits your needs best.

Please note that F8 can only be used as a Quick Dial Function.

There are three basic alternatives that the Function buttons can do:

Quick Memo –

stores a standard text message. You can send it by pressing a single button

Quick Dialling –

lets you dial a number by pressing one button.

Quick Menu option –

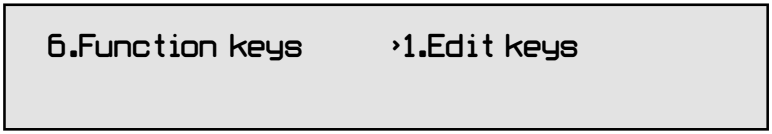
instantly selects a commonly used menu option.

How to set a function button as a Quick Memo

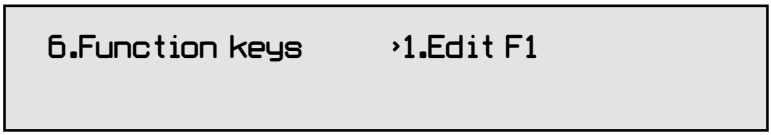
Press (Menu) The display shows:

Press (↓→) until the arrow points to >6.Function keys.

Press (Enter ↵) The display shows the Function keys menu. Select >1.Edit keys



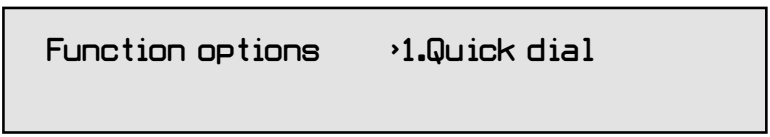
Press (Enter ↵) The display shows:



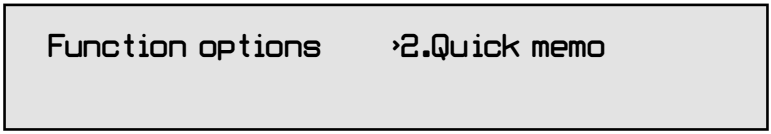
Press (←↑) (↓→) until the arrow points to the Function button you want.

Press (Enter ↵) The display shows:

If you want to change the function key from a quick dial to a quick memo press (Menu) The display shows:

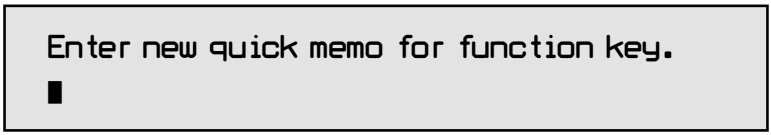


Press (↓→) until the arrow points to >2.Quick memo.



Press (Enter ↵)

Display shows the current setting of the function key.

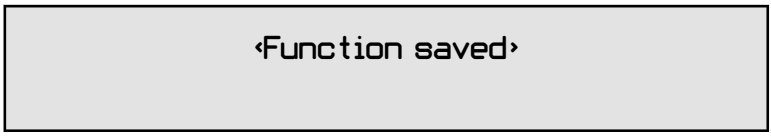


Press (←) to delete the current setting.

Type the text message you want to store.

Press (Enter ↵) to confirm.

The screen displays:



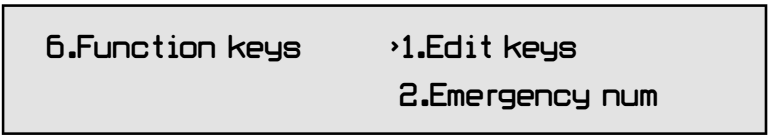
Press (Esc) to return to standby.

How to set a function button as a Quick Dial

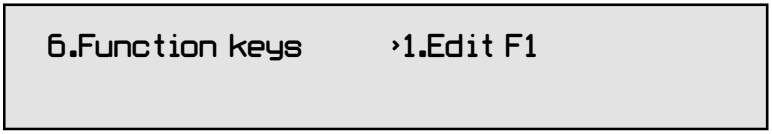
Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >6.Function keys.

Press (Enter ↵) The display shows:



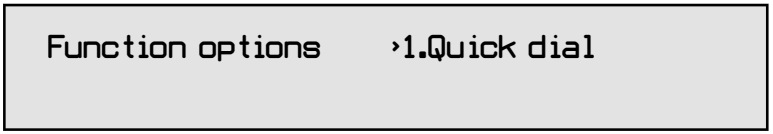
Press (Enter ↵) The display shows >1.Edit keys.



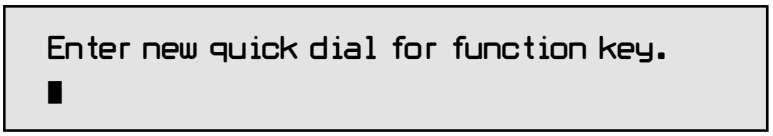
Press (←↑) (↓→) until the arrow points to the Function button you want.

Press (Enter ↵) The current setting is displayed.

Press (Menu) The display shows:

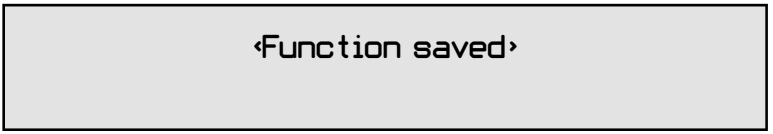


Press (Enter ↵) The display shows:



Press (←) to delete the current setting. Type the telephone number you want to store.

Press (Enter ↵) The display shows:



The number is stored.

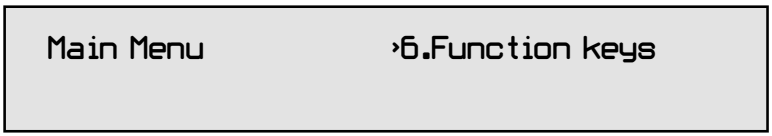
Press (Esc) to return to standby.

How to set a function button as Quick Menu

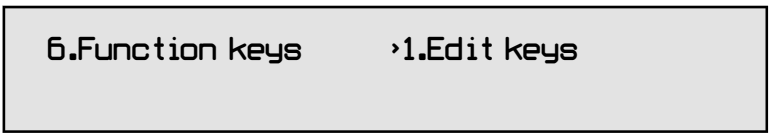
If you want to change or restore a function key to its original setting or change it to another Quick Menu setting, follow these steps to enter the appropriate code.

Press (Menu) The display shows:

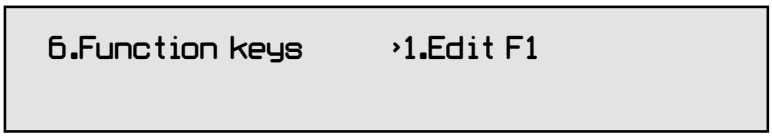
Press (↓→) until the arrow points to >6.Function keys.



Press (Enter ↵) The display shows:



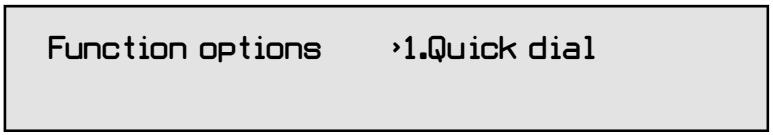
Press (Enter ↵) The display shows:



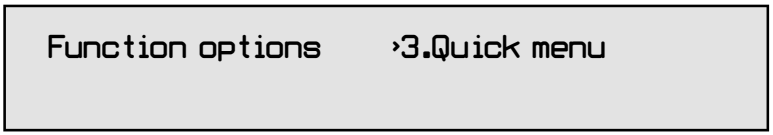
Press (←↑) (↓→) until the arrow points to the Function button you want.

Press (Enter ↵)

Press (Menu) The display shows:



Press (↓→) until the arrow points to >3.Quick menu.



Press Enter ↵

The display shows the current setting for that button:

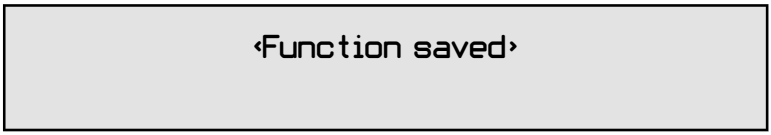
Press ← to delete the current setting.

Enter new setting number e.g. 21 for Go to Phone book.

A full list of all the functions available is shown below.

Quick Menu code	Action
11	Switch answer machine On/Off
12	Read messages
13	Delete messages
21	Go to phone book
22	Search for phone book entry
251	Switch prefix mode Off
252	Switch prefix mode On
31	Display outgoing call list
32	Display incoming call list
41	Read conversations
42	Displays last conversation
43	Delete all conversations
51	Set contrast
521	Backlight On
524	Backlight Off
53	Printer On/Off
541	Switch ringer On
542	Switch ringer Off
56	Adjust clock
58	Check memory
71	Set V.18 mode
72	Set V.21 mode
74	Set Baudot mode

Press Enter ↵ The display shows:



The Quick Menu code is stored.

Press Esc to return to standby.

To use the F1 – F7 buttons stored as Quick Menu options

When you want to go straight to the menu option you have stored as a Quick Menu

Press the F1 – F7 function button you want.

Your TextLink sets the menu option stored.

Write here what you have changed the F1 – F8 function buttons to:

F1_____

F2_____

F3_____

F4_____

F5_____

F6_____

F7_____

F8_____

Emergency functions

Emergency number

The Emergency button lets you call the emergency services via the Typetalk operator just by pressing a single button.

How to dial the emergency number

Press and hold the red (E) until the light flashes.

Then answer the text questions from the Typetalk operator.
If you don't type anything within 4 seconds, your TextLink will send your Emergency Memo (providing one is stored).

See below for more information.

Emergency memo

The Emergency Memo is blank when you receive your TextLink Textphone so you must store your details.

When you press the (E) to call emergency services, but are unable to type your own message, your TextLink will automatically send the stored information after 4 seconds.

It should include:
- your name,
- your phone number,
- your house number and post code.

How to use the emergency memo

Press and hold the red (E) until the light flashes.
The number is dialled.
Do not press any other button.

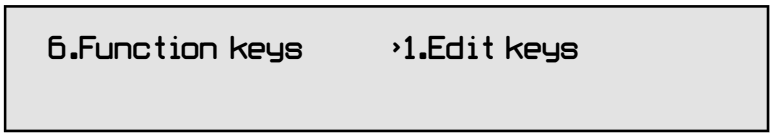
How to write your emergency memo

Your memo can be up to 64 characters long.

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >6.Function keys.

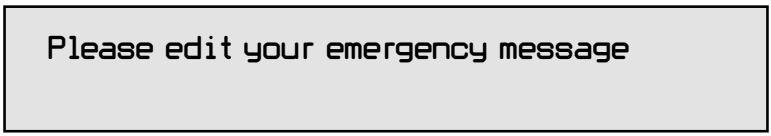
Press (Enter ↵) The display shows: >1.Edit keys.



Press (←↑) until the arrow points to >3.Emergency memo.

Press (Enter ↵)

The display shows the current message.



If necessary, press (←) to delete the existing memo.

Type your emergency message.

Press (←) to delete letters.

Press (←↑) (↓→) to move the cursor.

Press (Enter ↵) The display shows:

Your emergency memo is now set.

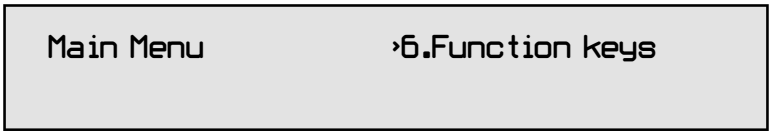
How to change the emergency number

HANDY HINTS

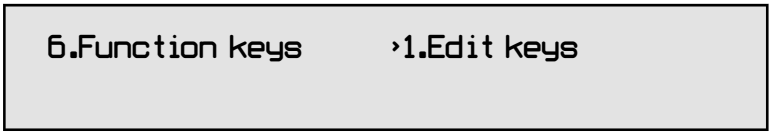
The preset number for the Emergency Number will only work if you are using BT relay service (NGTS). If you are not using NGTS then please change the number to **0800 112999** for the UK or a dedicated textphone number for other countries.

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >6.Function keys.



Press (Enter ↵) The display shows:



Press (↓→) until the arrow points to >2.Emergency num.

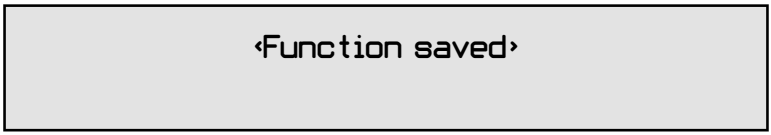
(Enter ↵) Press The current setting is displayed.

If necessary, press (←) to delete the current number.

Type the emergency phone number you want.

(Enter ↵) Press

The display shows:



Your Emergency number is now set.

Press (Esc) until the display returns to standby.

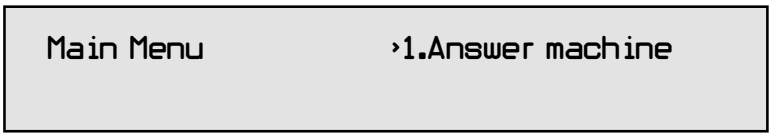
Optional settings

You can adjust a number of settings on your TextLink to make it more comfortable and convenient for you to use.

How to adjust the contrast

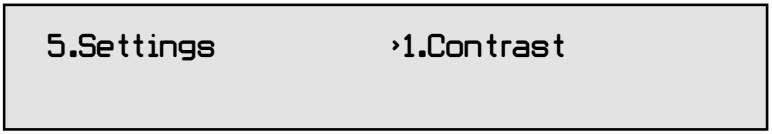
The contrast can be adjusted to give you the clearest possible screen under different lighting conditions.

Press (Menu) The menu is displayed.

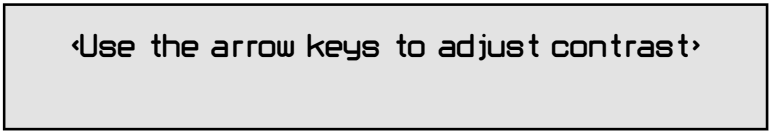


Press (↓→) until the arrow points to >5.Settings.

Press (Enter ↵) The display shows: >1.Contrast.



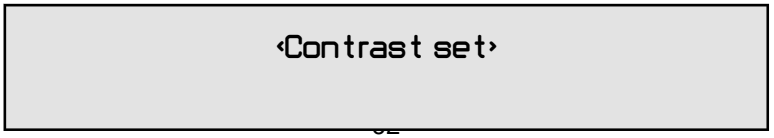
Press (Enter ↵) The display shows:



Press (↓→) to make the display darker.

Press (←↑) to make the display lighter.

Press (Enter ↵) The display shows:



Press (Esc) to return to standby

How to adjust the backlight settings

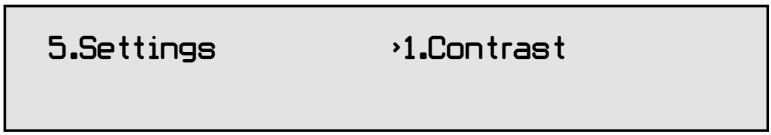
Choose from:

1. ***Always On***
2. ***On for 2 mins –*** backlight switches off 2 minutes after the last button press
3. **On for 5 mins –** backlight switches off 5 minutes after the last button press
4. **Always Off**

Press (Menu) The display shows:

Press (↓→) until the arrow points to >5.Settings.

Press (Enter ↵) The display shows:

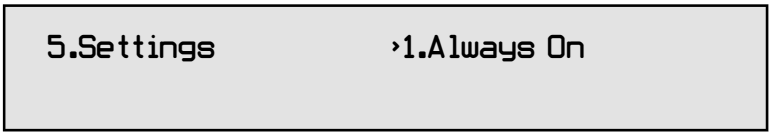


Press (↓→) until the arrow points to >2.Backlight

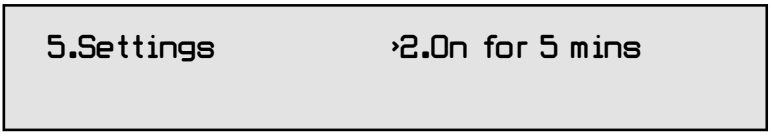
Press (Enter ↵)

Press (←↑) (↓→) until the arrow points to the setting you want.

>1.Always On

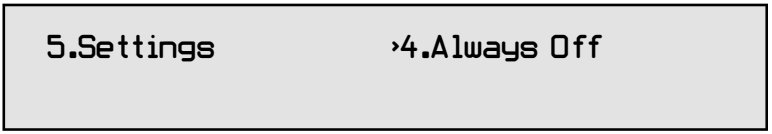


>2.On for 5 mins



>3.On for 2 mins

>4.Always Off.



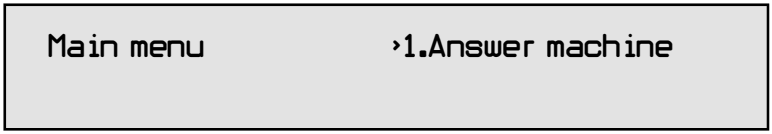
Press Enter ↵ The display shows:

Or
If Always Off <Backlight Off>.

How to switch the ringer on/off

You can switch your TextLink's ringer on or off.

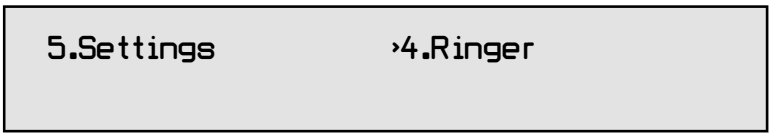
Press (Menu) The display shows:



Press (↓→) until the arrow points to >5.Settings.

Press (Enter ↵)

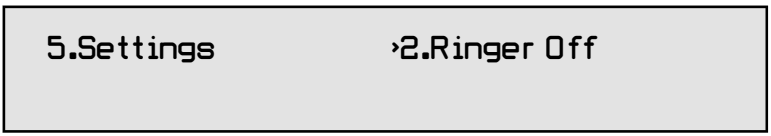
Press (↓→) until the arrow points to >4.Ringer.



Press (Enter ↵) Display shows >1.Ringer On.

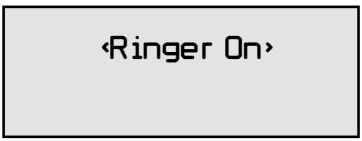
Or to switch the ringer off.

Press (↓→) until the arrow points to >2.Ringer Off.



Press (Enter ↵)

Display shows the setting you have selected <Ringer On> or <Ringer Off>.

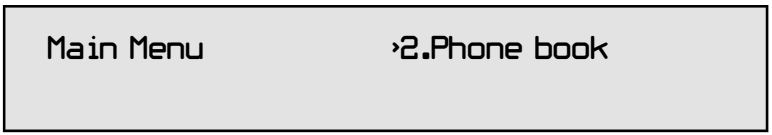


When using NGTS, the operator is only contacted when you make a call to a hearing person. To use NGTS the prefix must be switched on. Calls to other TextLinks do not involve the operator.

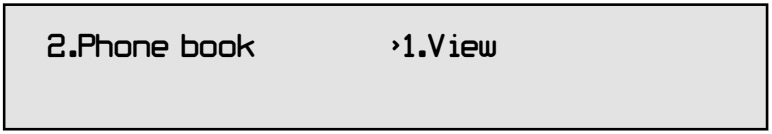
How to switch the NGTS prefix on/off

Press (Menu) The menu is displayed.

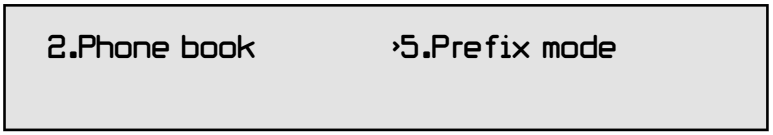
Press (↓→) until the arrow points to >2.Phone book.



Press (Enter ↵) The display shows:

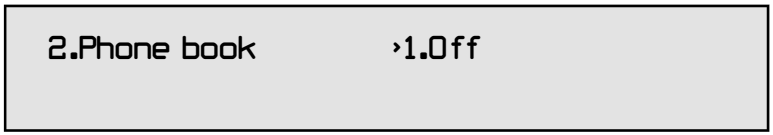


Press (↓→) until the arrow points to >5.Prefix mode.



Press (Enter ↵)

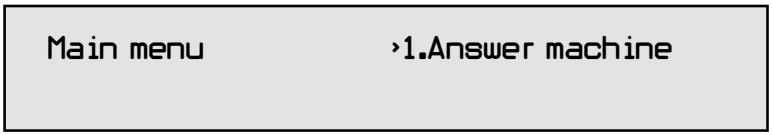
Press (↓→) until the arrow points to >1.Off or >2.On.



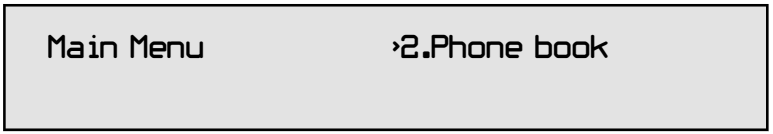
Press (Enter ↵) to confirm your selection.

How to change the NGTS prefix

Press (Menu) The display shows:

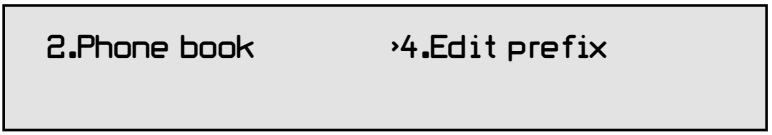


Press (↓→) until the arrow points to >2.Phone book.



Press (Enter ↵)

Press (↓→) until the arrow points to >4.Edit prefix.

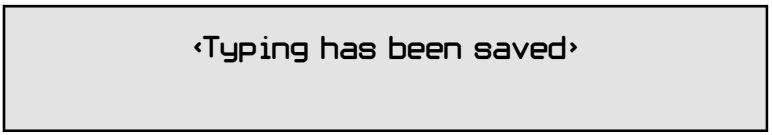


Press (Enter ↵)

Press (←) to delete the existing prefix.

Type the new prefix number.

Press (Enter ↵) The display shows:



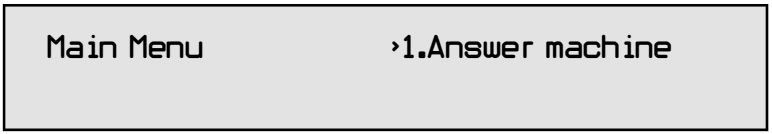
Press (Esc) to return to standby.

BT Next Generation Text Service (NGTS) numbers are:

18001 – Text
18002 – Hearing
18000 – Emergency

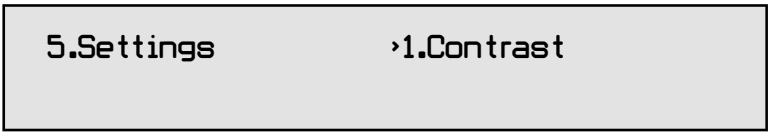
How to change the language setting

Press (Menu) The menu is displayed.

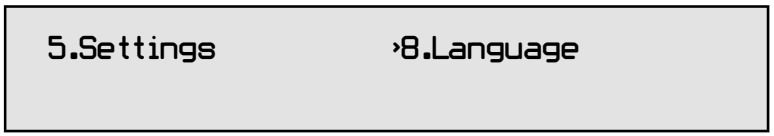


Press (↓→) until the arrow points to >5.Settings.

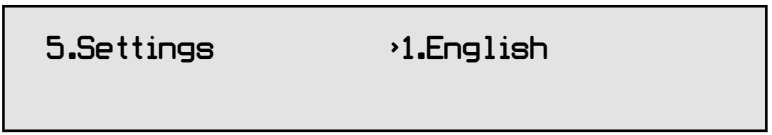
Press (Enter ↵) The display shows:



Press (←↑) until the arrow points to >8.Language.



Press (Enter ↵) The display shows:



Scroll to the language of your choice and press (Enter ↵)

Power management

Your TextLink has an automatic shutdown feature that helps conserve energy and prolong battery life. You can set your TextLink to switch off automatically 5 minutes or 25 minutes after the last button press.

How to switch automatic shutdown on/off

Press (Menu) The display shows:

Press (↓→) until the arrow points to >5.Settings.

Main Menu	›5.Settings

Press (Enter ↵)

Press (↓→) until the arrow points to >7.Auto shutdown.

5.Settings	›7.Auto shutdown

Press (Enter ↵)

Press (←↑) (↓→) to choose between:

5.Settings	›1.Cancelled

5.Settings	›2.Shutdown 25 mins

5.Settings	›3.Shutdown 5 mins

Press Enter ↵ The display shows:

‹Auto shutdown is enabled›

Or if you select >1.Cancelled the display shows:

‹Auto shutdown is cancelled›

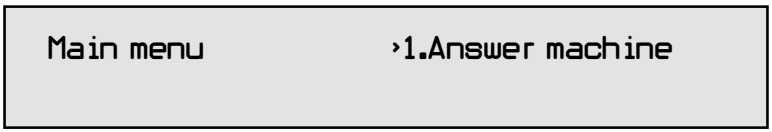
HANDY HINTS

If you subscribe to Caller Display* and you use automatic shutdown, you will not receive the caller information.

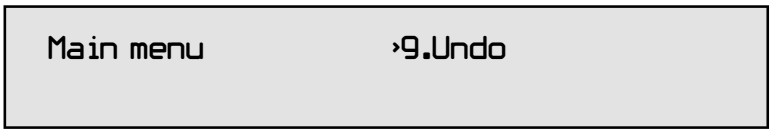
“Undo” function

This feature allows you to undo the last action.

Press (Menu) The menu is displayed.



Press (↓→) until the arrow points to >9.Undo.



Press (Enter ↵) The most recent action is undone.

BT Call Sign

BT Call Sign enables you to have two separate phone numbers on the same telephone line. Call Sign is a subscription service.

For voice, fax and text calls, Call Sign delivers a different ringing pattern which will enable the call to be directed to the phone/fax machine or TextLink accordingly.

Calls to your Call Sign (new) number result in a series of long, single rings = *RIIIIIIIIG……. . . . RIIIIIIIIG.* This is the Alternate ring melody.

Calls to your Normal (original) number result in a series of double rings = *RING RING.... RING RING.* This is the Normal ring melody.

You can set your TextLink to answer just one of these numbers. If you have a fax machine or voice telephone connected in the telephone socket at the back of the TextLink, you can separate your calls between the two.

HANDY HINTS

Products not connected through the TextLink will ring regardless of the Call Sign settings selected on the TextLink.

How to adjust your Call Sign settings

Press (Menu) The menu is displayed.

Main Menu	›1.Answer machine

Press (↓→) until the arrow points to >5.Settings.

Main Menu	›5.Settings

Press (Enter ↵) The display should show the Settings menu.

Press (↓→) until the arrow points to >5.Call Sign.

Press (Enter ↵)

Press (↓→) to select one of the following:

1.Ignore Call Sign: TextLink receives all incoming calls and allows another phone or fax connected in the telephone adaptor socket to ring as well..

2.Normal to text: TextLink only receives calls to the Normal ring number while your other fax/phone/voice answer machine, connected to the telephone socket at the back of the TextLink, receives calls on the Alternate ring number. The Normal ring to the connected phone will be stopped by the TextLink after the first ring cycle/flash.

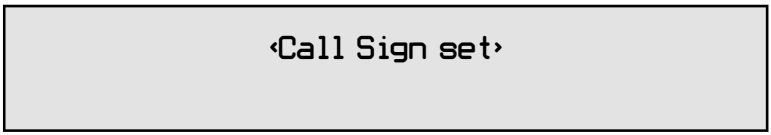
3.Normal to both: Calls received on the Normal ring number are received by both the TextLink and other fax/phone.
Calls on the Alternate ring number are received by the fax/phone only.

4.Alternate to text: TextLink only receives calls to the Alternate ring number while your other fax/phone/voice answer machine receives calls on the Normal ring number. The Alternate ring to the connected phone will be stopped by the
TextLink, after the first ring cycle/flash.

5. Alternate to both: Calls received on the Alternate ring number are received by both the TextLink and other fax/phone. Calls on the Normal ring number are received by the fax/phone only.

Make your selection.

Press Enter ↵ The display shows:



HANDY HINTS

When a call comes in on the Alternate number, your TextLink call indicator will not flash but the display shows <Incoming call to other phone>.

Printing

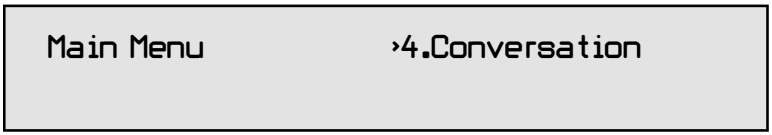
Using a printer

Conversations and phonebook entries can only be printed to a compatible printer. To find out more details about where you can buy a compatible printer and printer cable, please call the **DSPG helpline** at **0208 964 6304**.

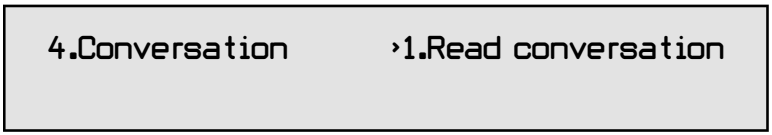
How to print a conversation

Press (Menu) The menu is displayed.

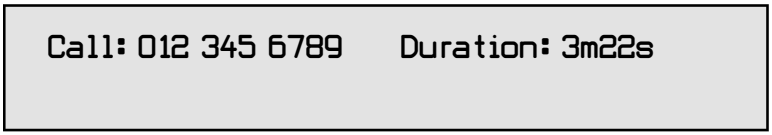
Press (↓→) until the arrow points to >4.Conversation.



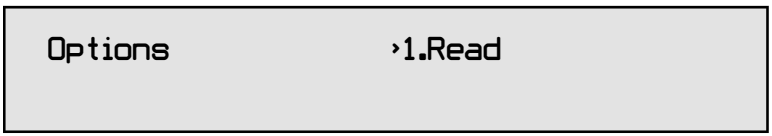
Press (Enter ↵) The display shows:



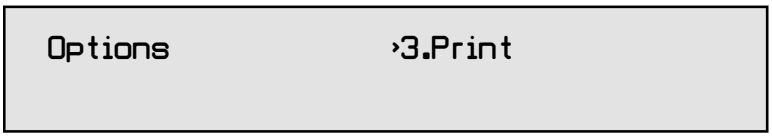
Using (←↑) (↓→) keys, select the conversation you wish to print and press (Enter ↵) The details are shown:



Press (Enter ↵) The display shows the Options menu:



Press (↓→) until the arrow points to > 3. Print



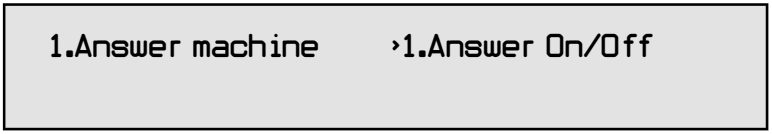
Press (Enter ↵) The display shows:

Press (Esc) until the display returns to standby.

How to print a received answer message

Press (Menu) The menu is displayed.

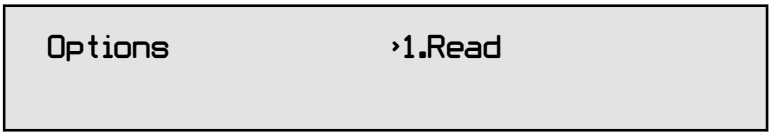
Press (Enter ↵) The display shows:



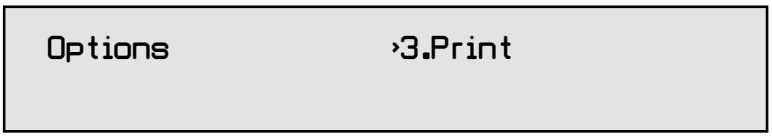
Press (↓→) until the arrow points to >2 Read.

Press (Enter ↵) The display shows the number of messages.

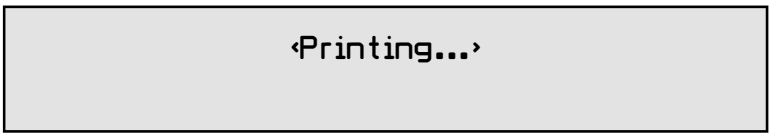
Press (Enter ↵) The display shows the Option menu:



Press (↓→) until the arrow points to > 3. Print



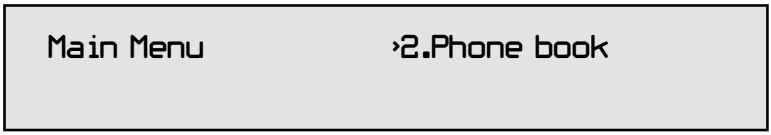
Press (Enter ↵) The display shows:



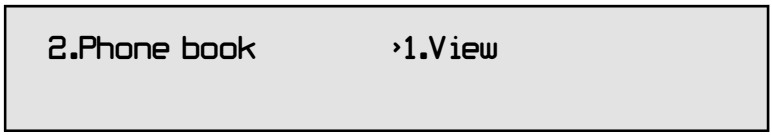
How to print the whole phone book

Press (Menu) The menu is displayed.

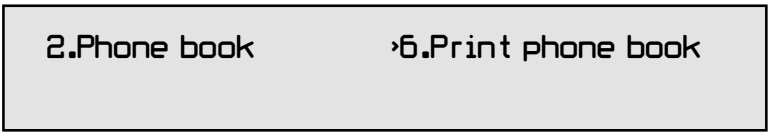
Press (↓→) until the arrow points to >2.Phone book.



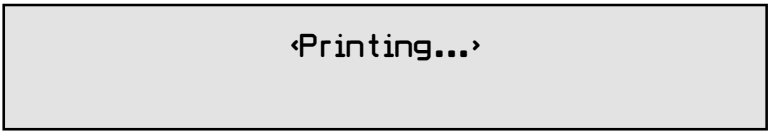
Press (Enter ↵) The display shows:



Press (↓→) until the arrow points to >6.Print phone book.



Press (Enter ↵) The display shows:

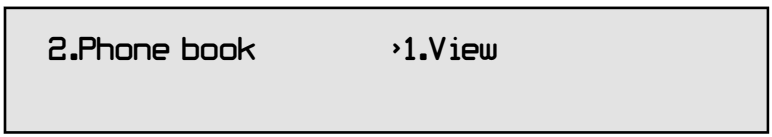


How to print one entry from the phone book

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >2.Phone book.

Press (Enter ↵) The display shows:



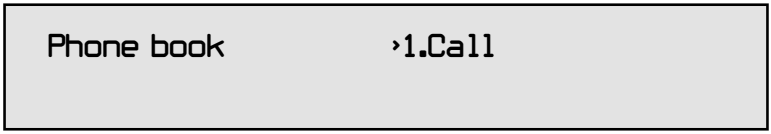
Press Enter ↵ The display shows the first entry (alphabetically in the phone book).

Press ←↑ ↓→ keys to scroll to the entry you want.

Or

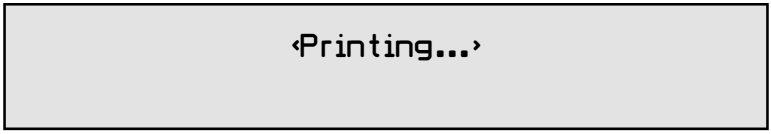
To find an entry in the phone book quickly, press the first letter of the person's name.

Press Enter ↵ The display shows:



Press ↓→ until the arrow points to >5.Print entry.

Press Enter ↵ The display shows:



Troubleshooting

If your product needs repair after the guarantee period has ended, we recommend that you contact the **DSPG helpline** at **0208 964 6304.**

In the unlikely event of a defect occurring, please follow the helpline's instructions for replacement or repair.

You may be able to resolve any problems you are having with the

Your TextLink does not receive Caller Display messages or Call Sign

To receive and display messages you must subscribe to the Caller Display* service on your phone line.

To receive Call Sign* you must subscribe to the Call Sign* services on your phone.

Your TextLink does not switch on

• Check that the mains and telephone lines are connected properly.

• Check that the mains power is switched on.

• If you are not running from mains check that the batteries are installed correctly.

Your TextLink does not flash the bright light

• Check that the ringer in ringer settings is on.

• Check that no other phones on the same line have been left off the hook. You may have too many phones in your home.

* Caller Display and Call Sign are trademarks of BT. You need to contact your telephone network provider to subscribe to these services.

Your TextLink screen does not work properly

Check the mains power has been connected correctly.

If you have to return your TextLink

If the DSPG helpline is unable to rectify your problem they will ask you to return the product. Where possible, pack the product in its original packaging. Please remember to include all parts including line cords, power supply units, and the original batteries (please note that we cannot take responsibility for goods damaged in transit). Please obtain and keep proof of posting from the Post Office.

The helpline will send you a replacement product if the product is faulty.

If you do not have your old packaging, use the replacement packaging to pack up your faulty TextLink and send it back to the address you will be given. Please ensure to return all parts.

Resetting your TextLink

If your TextLink has power but is not working properly, you may be able to correct the problem by resetting it to its original factory setting

WARNING

If you do this you will lose all entries in the phone book!

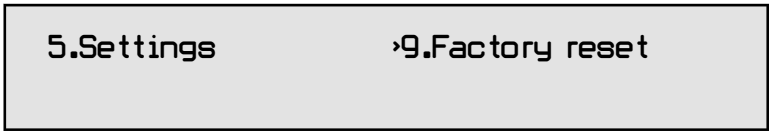
How to reset your TextLink to its factory settings

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >5.Settings.

Press (Enter ↵) The display shows:

Press (←↑) until the arrow points to >9.Factory reset.

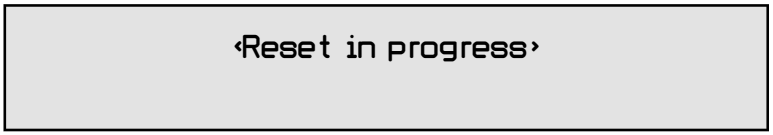


Press (Enter ↵) The display shows:

Either

Press (Y) The display shows: Reset phone book? (Y/N).

If you press (Y) or (N) the display shows:



and then confirms <Memory empty> before returning you to the settings menu.

Press (N) to cancel. Display returns to the “Settings” menu with the settings unchanged.

Press (Esc) to return to standby.

Permanent memory

Even if your TextLink is unplugged from the mains and the batteries are removed, all your settings, phone book entries, and stored text messages will be retained.

Text and phone book memory capacity

Your TextLink can store up to 10,500 characters, which includes both answer messages and conversations.
Once the memory is full, your TextLink will start to overwrite your oldest messages automatically.

Using a PC

You can connect your TextLink to a personal computer (PC) so that you can use your PC monitor and keyboard..

To find out more details of where you can buy a compatible PC cable and software, please call the DSPG helpline at **0208 964 6304**.

Useful abbreviations

You may also find these short words handy in speeding up your conversation.

BIBI	bye bye
CD	could
CUL	see you later
COS	because
HD	hold, please
MTG	meeting
NBR	number
OIC	oh, I see
OPR	operator
PLS	please
Q	question mark – saves you typing the whole question
R	are
SHD	should
THX	thanks
TMW	tomorrow
U	you
UR	you are

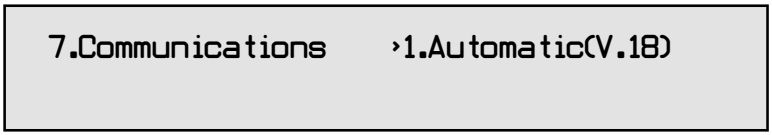
Global textphone communication codes

How to select a specific code/return to the pre-set code

Press (Menu) The menu is displayed.

Press (↓→) until the arrow points to >7.Communications.

Press (Enter ↵) The display shows:



Either

Press (Enter ↵) to select >1.Automatic (V.18).

Display shows: >V.18 mode set.

Or

Press (↓→) until the arrow points to the code you want.

Press (Enter ↵) to select the code.

Parity mode and Direction mode

These settings are used for communicating with old fashioned textphones. Direction mode and parity mode are only used to adjust communications when the default settings do not work.
Parity is a form of error detection used when sending text. There are three different types of parity:

- ✓ a Even Parity also called 7E1
- ✓ a Odd Parity also called 7O1
- ✓ a No Parity also called 8N1

The parity setting determine whether you wish to send parity data with your text. If you have any queries with this, please contact the Helpline.

EDT code Baudot code

Austria Australia
Bosnia–Herzegovina Canada
Croatia Great Britain
Czech Republic New Zealand
Estonia Republic of Ireland
Germany South Africa
Italy South America
Latvia
Malta

DTMF

Portugal Denmark
Slovakia
Slovenia
Spain
Switzerland

V.21 (CCITT)

Greece
Finland
Norway
Great Britain
Sweden
Republic of Ireland
Sometimes in Denmark

V.23

France
Great Britain

Bell 103

USA

Specifications

General features

- V.18 technology allows worldwide compatibility with text phones

- Caller Line identity shows incoming number and name

- Works with Baudot, V.21 (CCITT), V. 23, EDT, DTMF, and Bell 103

- V. 18 is the technology bridge for future standards

- Automatic call timing

- Fully compatible with Texgate, allowing you to send and receive emails.

- Expansion port for external printer

- Optional PC link software, allows connection to your computer

Physical dimensions

Size: 24 cm (L) x 16.5 cm (W) x 4.3 cm (H)

Weight: 0.5 kg

Keyboard

- Enhanced 6 row keyboard with 65 tactile keys

- Separate numeric keys for easy dialling

- 8 programmable function keys, which can be customised

- Emergency key for pre-programmed dialling for help

- Sticky keys for one-handed typing

Display

- 80 character LCD, 2 lines by 40

- Large characters are 5.5mm high

- User controlled contrast and backlight, on/off/timeout options

- Ringing, engaged, and no dial tone status messages displayed

- Reading of text conversation is accessible during a call using cursor keys

- Clock facility

Memory

- 1 Mb non-volatile 100 year memory

- Approximately 10,500 character storage for answer messages

- Phone book stores 127 names and numbers

- Call list details are stored for the last 24 incoming and outgoing calls, with times and dates

- No loss of data when power is removed or batteries replaced

Power management

- TextLink can be powered by batteries or an AC mains adaptor

- Auto power down mode saves battery life

- Low battery indicator

- 4 x AA batteries can provide approximately 50 hours of operation depending on usage profile

Auto-answer

- Records and stores text messages in non-volatile memory when the user is unavailable

- New stored message indicator, flashes once every four seconds to indicate a message

- Can review stored messages later

- Pre-programmable auto-answer message

- Can intercept answer machine with one touch of a key

Signal strength indicator

- Incoming call indicator allows user to detect the strength of a call and helps recognise a voice call

Telephone connections

- Direct textphone connection to telephone socket

- Call Sign detection can divert call to telephone/fax

(May require extra services from your telephone provider)

VCO/HCO Functions

- VCO/HCO calls can be made directly to other VCO/HCO compatible equipment

- One touch operation of VCO switches calls between text and voice

- Note VCO/HCO functions require a standard voice telephone

Guarantee

Guarantee information

Your TextLink is guaranteed for a period of 12 months from date of purchase.

Subject to the terms listed below the guarantee will provide for the repair of, or at DSPG Limited, or its agent's discretion.

The option to replace the TextLink, or any component thereof, (other than batteries), which is identified as faulty or below standard, or as a result of inferior workmanship or materials.

The conditions of this guarantee are:

- The guarantee shall only apply to defects that occur within the 12 month guarantee period.
- Proof of purchase is provided.
- The equipment is returned to point of purchase.
- This guarantee does not cover any faults or defects caused by accidents, misuse, fair wear and tear, neglect, tampering with the equipment, or any attempt at adjustment or repair other than through approved agents.

This guarantee does not affect your statutory rights.

Product disposal

The symbol shown here and on the product means that the product is classed as Electrical or Electronic Equipment and should not be disposed of with other household or commercial waste at the end of its working life.

The waste of Electrical and Electronic Equipment (WEEE) Directive (2002/96/EC) has been put in place to recycle products using best available recovery and recycling techniques to minimise the impact on the environment.

Product disposal instructions for residential users

When you have no further use of it, please remove any batteries and dispose of them and the product as per your local authority's recycling processes. For more information please contact your local authority or the retailer where the product was purchased.

Product disposal instructions for business users

Business users should contact their supplier and check the terms and conditions of the purchase contact and ensure that this product is not mixed with other commercial waste for disposal.

Notes

Optional functions:

1. PC Link
2. TextLink 9100 MT

(Please contact with DSPG Telecom for more information)

DSPG Telecom

PC LINK

Manual

Version 3.0

Bridging the gap between the Deaf and the Hearing

INDEX

Getting started……..……..94
Installation……95
USB to Serial Converter installation……....96
PC Link auto-start installation……102
PC Link manual installation……107
Introduction……..…108
Connecting the textphone to your PC……110
Troubleshooting……112
Using PC Link……...113
Keep On Top……113
Incoming call……114
Making a call……116
Printing……118
Saving conversations……119
Settings……...121
Setting the function keys……121
Quick Menu……122
Quick Memo……...123
Quick Dial……...124
Font……125
Remote Font Colour……126
Background……127
Notes……128

Getting started

In your starter pack you should have the following items:

1 x USB to Serial converter

1 x USB connector cable

1 x RS232 cable

2 x installation CDs

(PC Link and USB to Serial converter software)

Installation

In order for PC Link to function correctly, your PC must meet the following system requirements:

Windows Me/2000/XP/7/10

Serial port

CD Rom Drive

Mouse

Prior to installing PC Link, you must first install the driver for the USB to Serial converter.

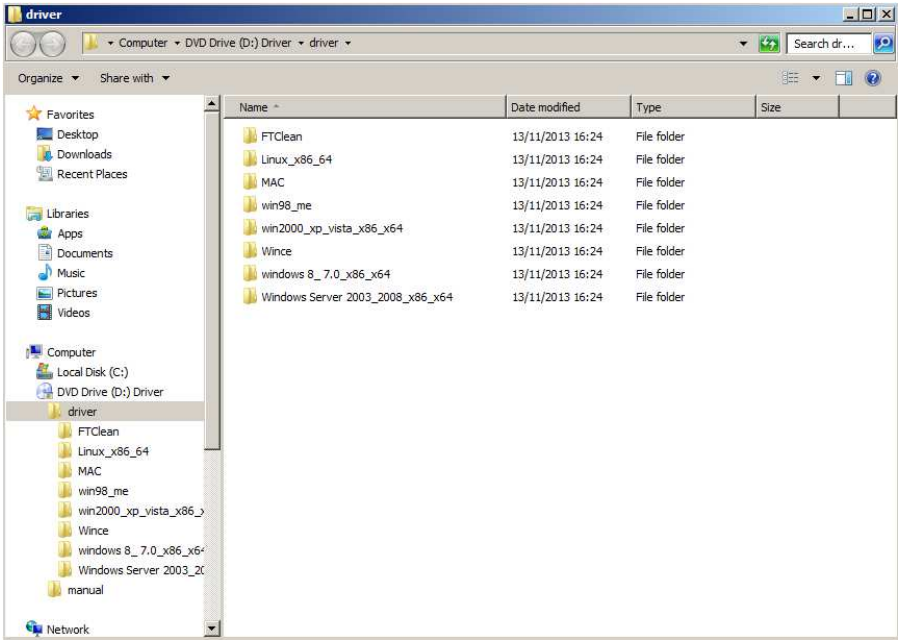
In the packaging it came in, at the back there should be a small CD that contains the USB to Serial converter installation software.

Please insert that CD into your CD/DVD drive to begin the installation process.

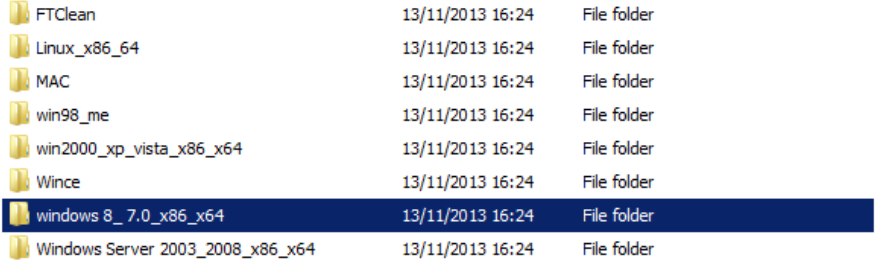
USB to Serial Converter installation

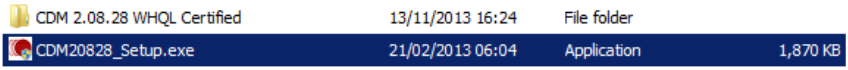
1) When you insert the CD, this AutoPlay window will pop up. Click on “Run autorun.exe”

2) This will load the driver installation screen. (as seen below). Press “Driver” to continue.

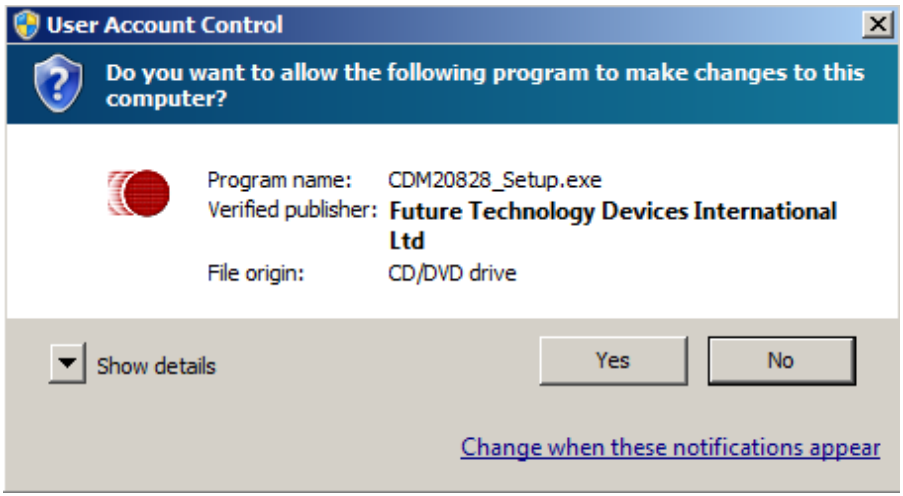


3) Now pick your operating system out of the list. In this example I will install driver software for Windows 7 (windows 8_7.0_x86_x64), but most Windows installations should work similarly.

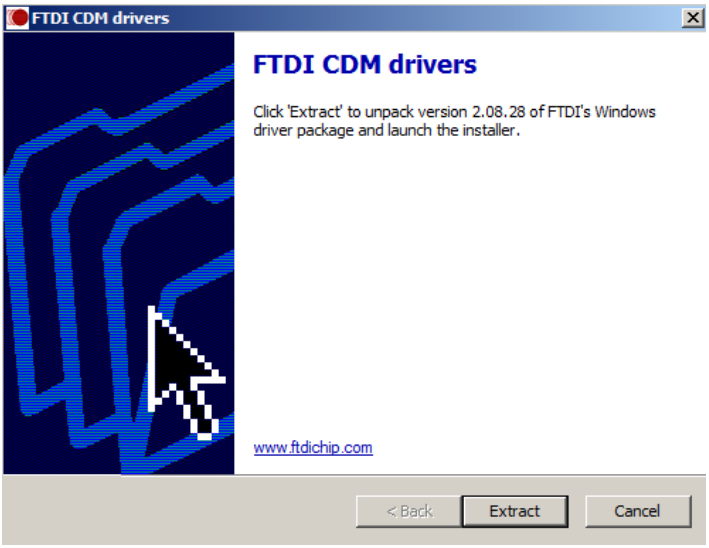




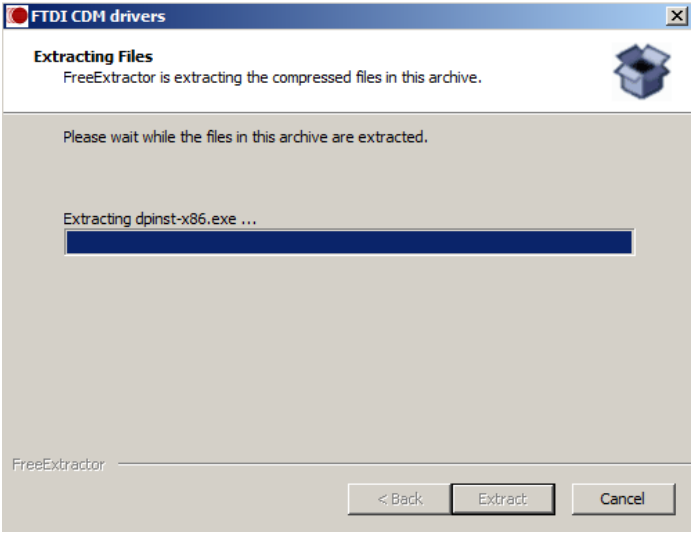
4) Next double-click on CDM20828_Setup.exe, which will load the installation wizard.

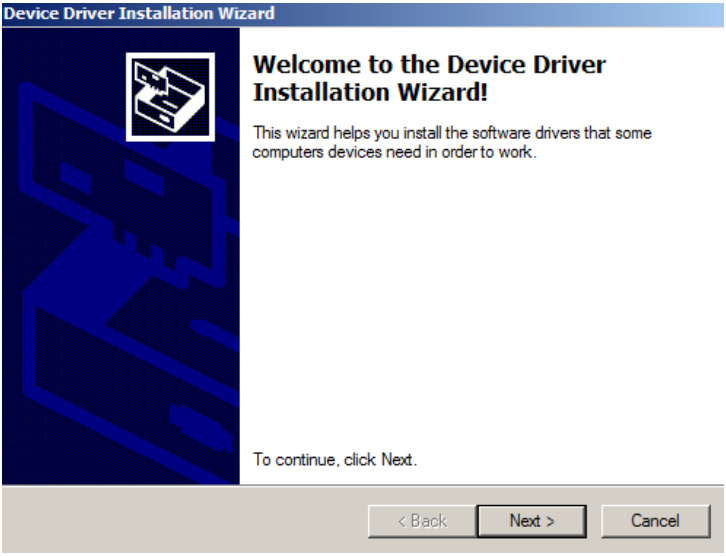


5) Click “Yes” to start the installation process.

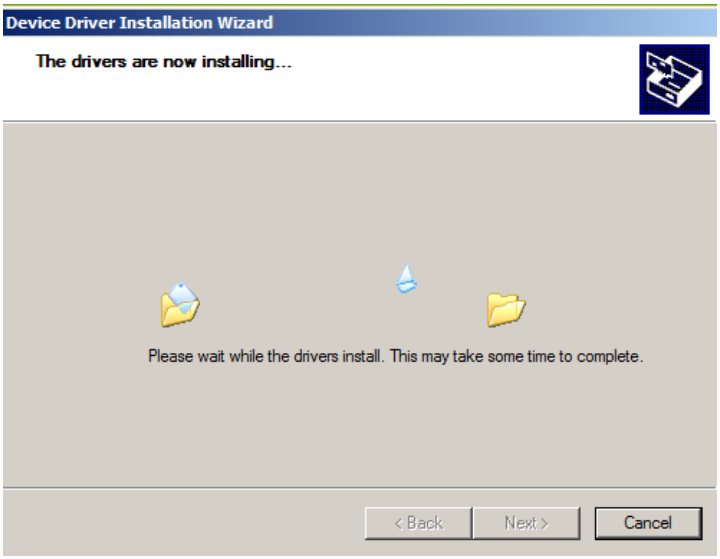


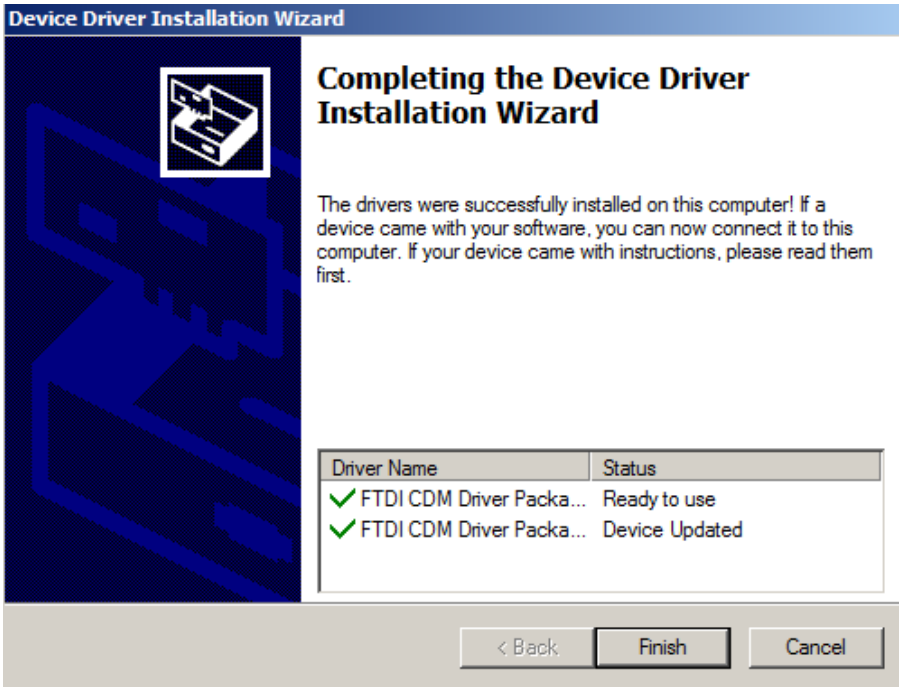
6) Press “Extract” to extract the driver package.





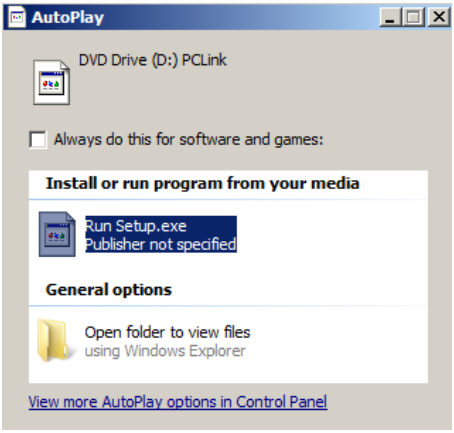
7) Press “Next” and the driver will be installed automatically.



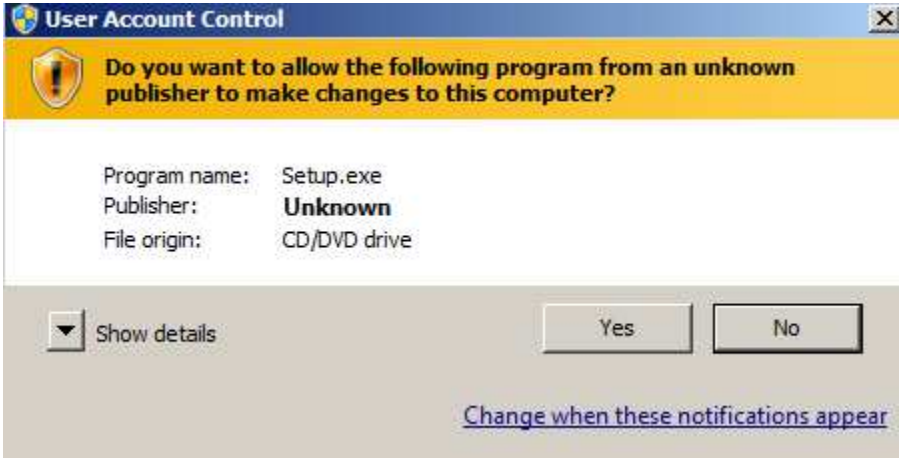


8) Your driver has been installed! You may now proceed on to the PC Link installation process.

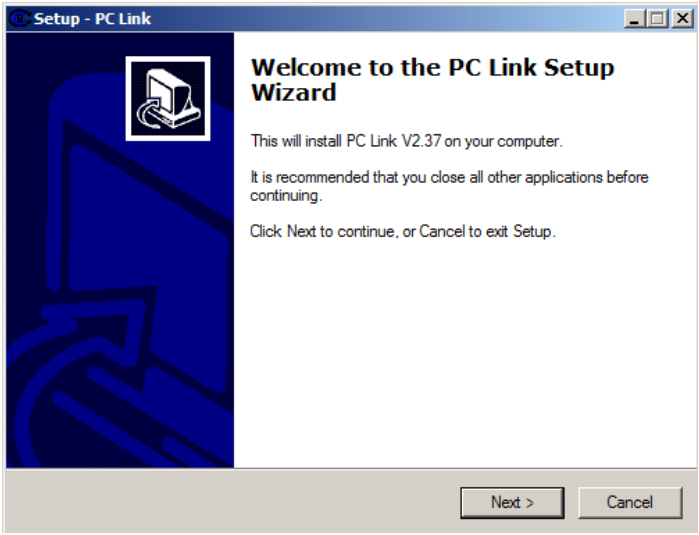
PC Link auto-start installation



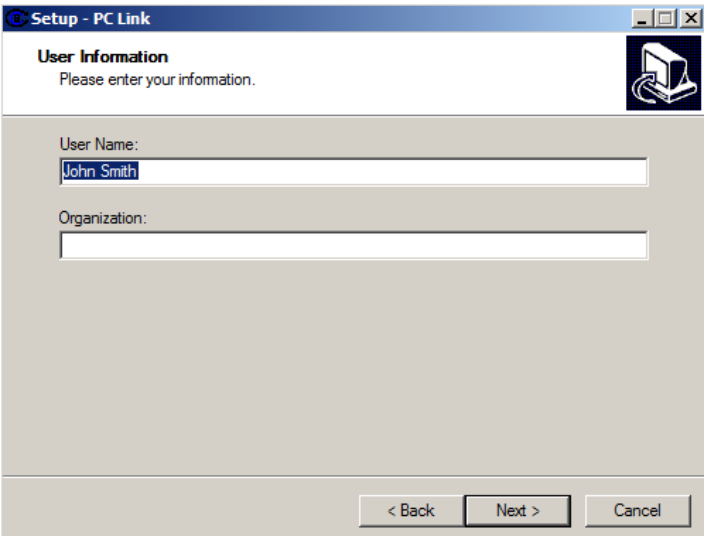
1) Please insert the CD labelled “PC Link” into you CD/DVD drive. Then press “Run setup.exe” as shown on the left.

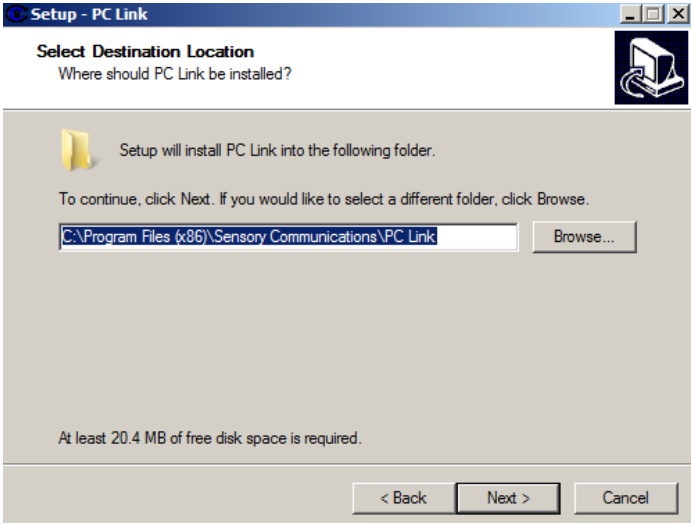


2) Click “Yes” when the above notification pops up.

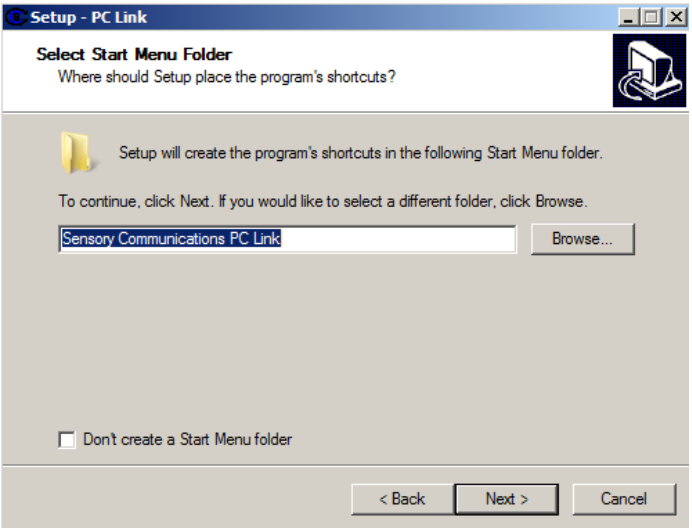


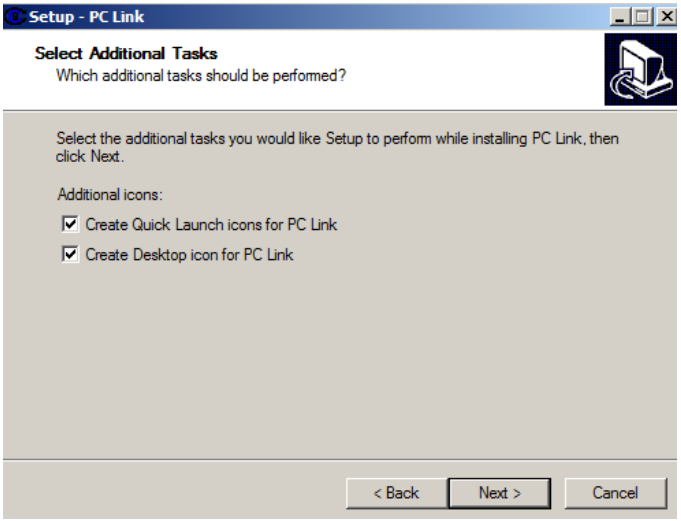
3) Press “Next” then enter your name or organisation. Press “Next” once more.



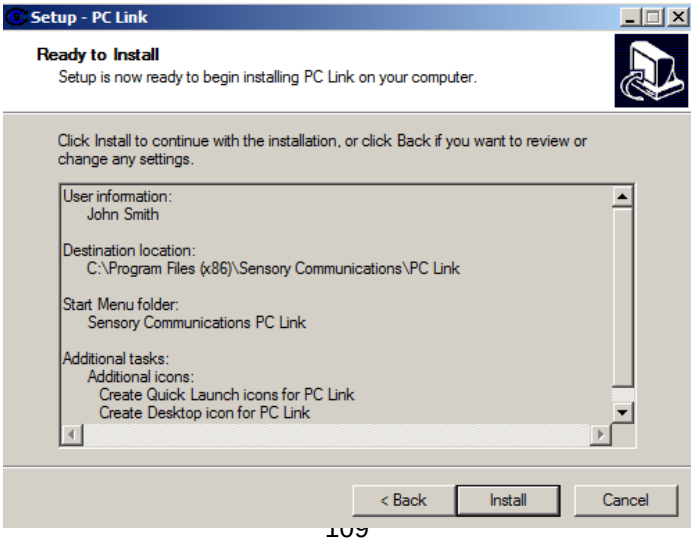


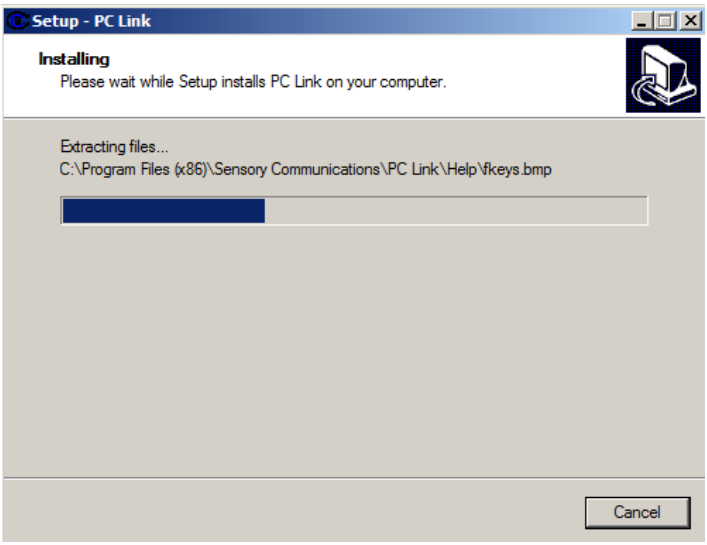
4) Confirm that you would like to save PC Link in your program files by clicking “Next”. Then confirm the name of the PC Link Start Menu shortcut by clicking “Next” again.

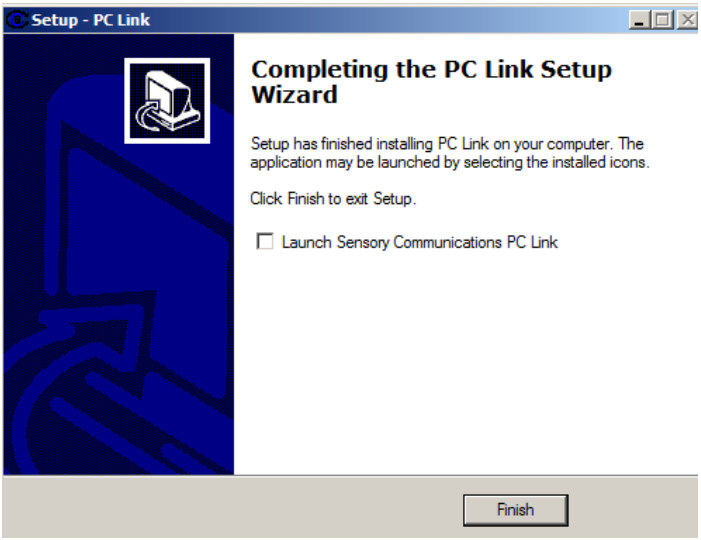




5) Choose whether you'd like to create additional shortcuts and then press "Next". You are now ready to install the program! Click "Install".





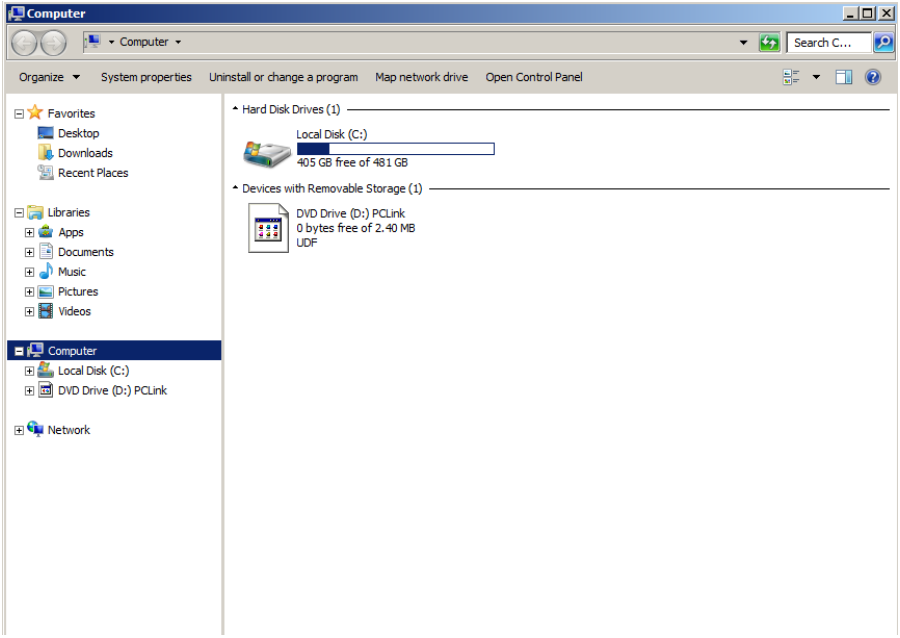


6) Your software has been installed. Please press “Finish”.

Manual installation

1) Insert the PC Link CD into your CD/DVD drive.

2) Click on “My Computer”



3) Look at the “Devices with Removable Storage” tab and find your CD/DVD drive. Double-click on it and then follow steps 2-6 starting from page 10 to complete the installation.

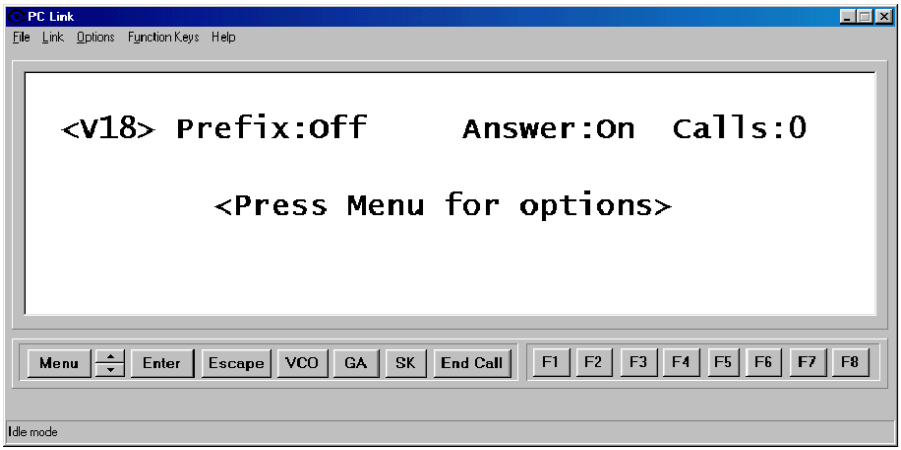
Introduction

PC Link software has been specially designed for TextLink users to allow a PC to operate as a textphone by remotely controlling only this product.

Most TextLink users are already familiar with the dedicated features that these models have to offer, although we would advise referring to the manual of your particular model for detailed descriptions of how to use the various functions.

PC Link also gives the advantage of providing a larger screen and larger keyboard as well as displaying conversations in different fonts and colours.

Typing with a computer keyboard is the same as typing on the Textlink keypad.



The main PC Link display

Menu, Up and Down arrows, Enter, Escape, VCO, GA, SK, End Call and the function keys (F1-8) have all been placed on the main screen to enable you to comfortably use the software.

The Voice Carry Over (VCO) function cannot be directly implemented using PC Link software as a phone can only be connected directly to the textphone. However, you may start the connection through PC Link and continue the conversation as normal on your TextLink device.

Function keys can be assigned to frequently used operations such as dialling a user programmed telephone/textphone number, or transmitting a phrase or a greeting. Please be aware that it is possible to program any PC Link function key to carry out a different function to the corresponding key on the TextLink device.

After ending a call, you are prompted to optionally save the conversation for later retrieval. Conversations can also be printed.

NOTE: Please remember that the Auto Shutdown feature on your textphone should not be used while using PC Link!

Connecting the TextLink to your PC

The textphone is connected to your computer via the RS232 (serial) cable provided. To connect the cable please follow the steps below:

RS232 cable

USB to Serial Converter

1) Plug one end of the RS232 cable into the USB to Serial Converter. Then insert the other end of the RS232 cable into the expansion port on the back of your textphone.

2) Connect the USB to Serial Converter to your PC using the black USB connecter that should have been in your USB to Serial Converter pack.

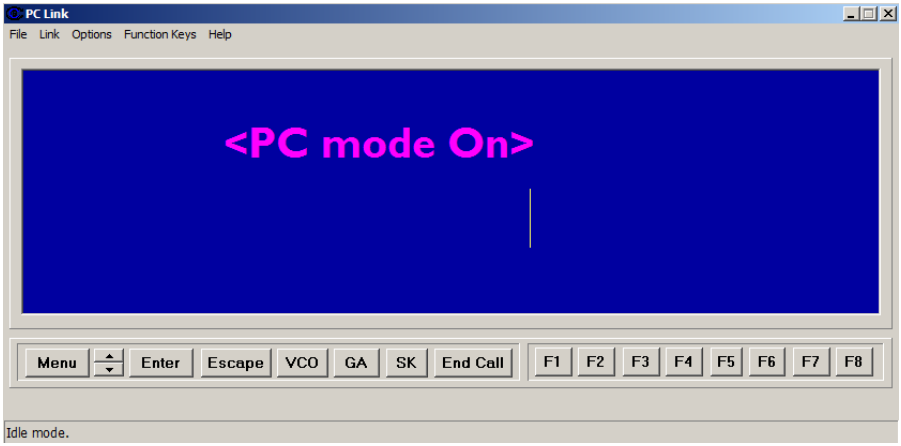
Attach the connector end to the converter and plug the other end into a free USB port at the back of your PC. It should have the following symbol on it:

USB connector

3) Now that your TextLink is connected, please turn it on.

4) Double-click on the PC Link icon on your desktop to start the software. You may also access it via the Start menu.

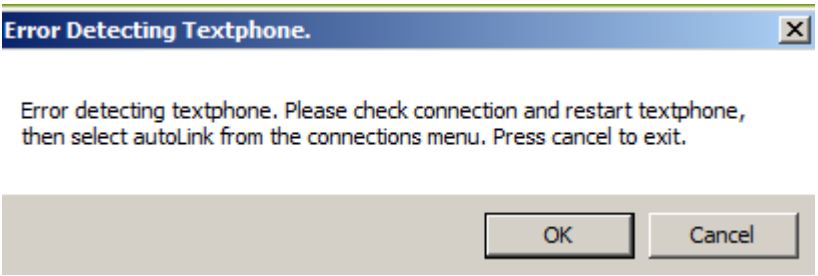
5) The software automatically scans the ports. Once the textphone is detected, you should see the following message displayed on your computer screen:



This means that you have successfully managed to install and connect PC Link to your TextLink and are now ready to make a call.

Troubleshooting

Sometimes PC Link might fail to detect the textphone. When that happens you will see this notification:

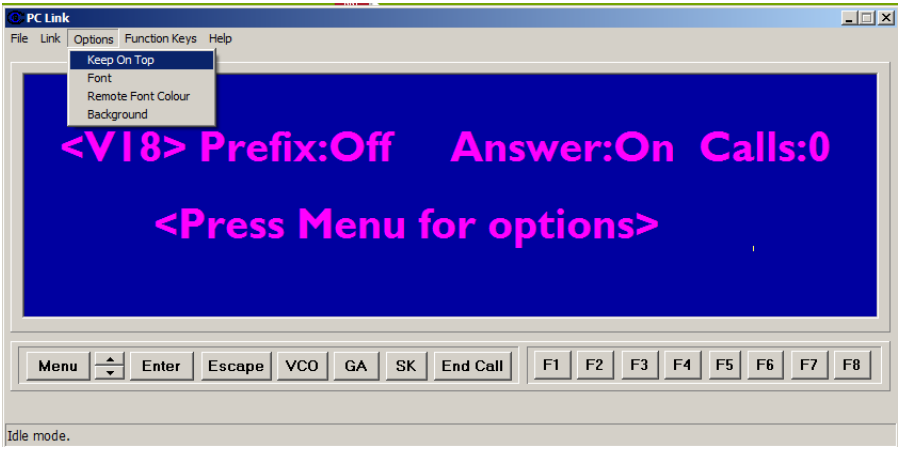


To remedy this click “Cancel” and then restart your textphone by turning it off, waiting a few seconds and turning it back on. Now repeat steps 4-5 from page 115.

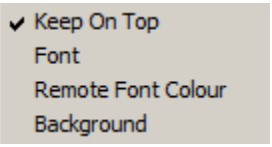
Using PC Link

Keep On Top

This function allows the PC Link display screen to appear “on top” of any other windows you may have currently open. To turn this feature on press “Options” in the PC Link toolbar and then select “Keep On Top”.

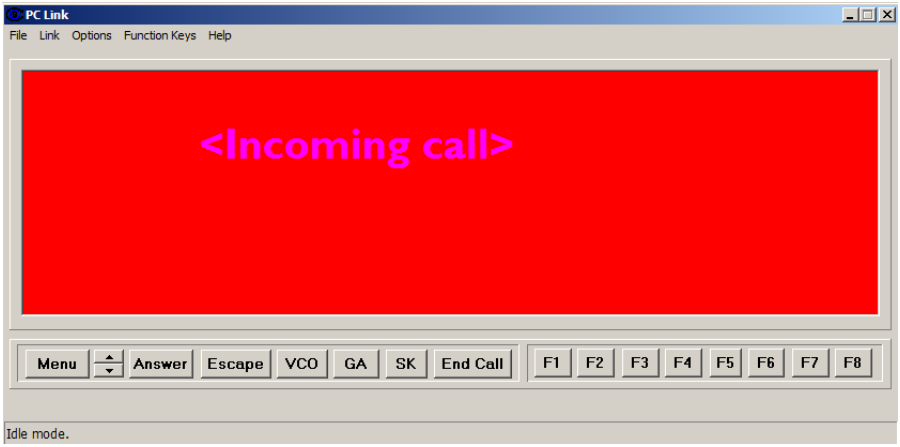


The tick next to “Keep On Top” means that this function is currently turned on.



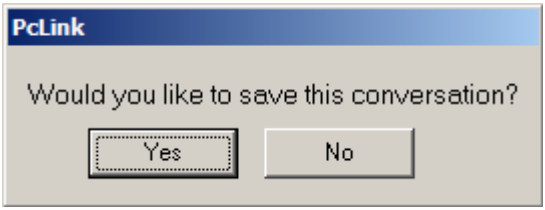
Incoming call

When receiving an incoming call, the background of the PC Link display changes colour to red and flashes constantly un-

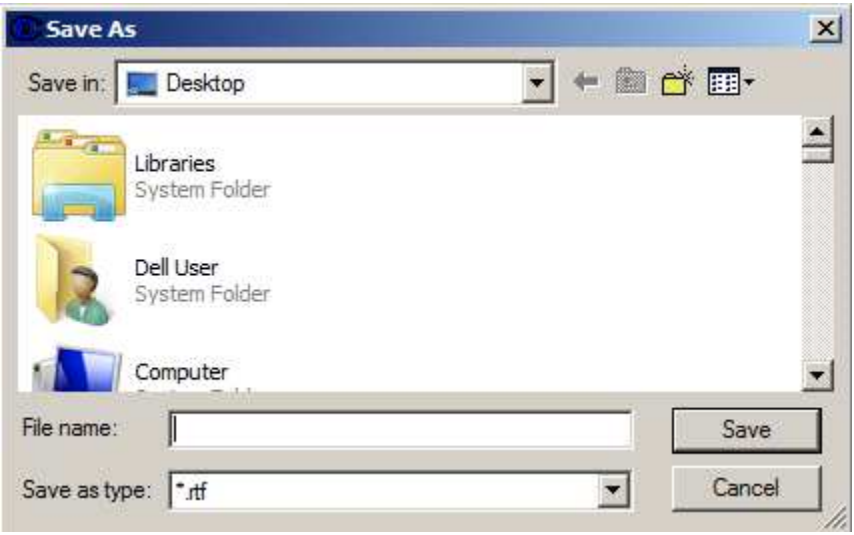


A ringing sound can also be heard if you have a sound card installed in your PC.

Immediately after the call ends, a pop-up window will appear prompting you to save the conversation:



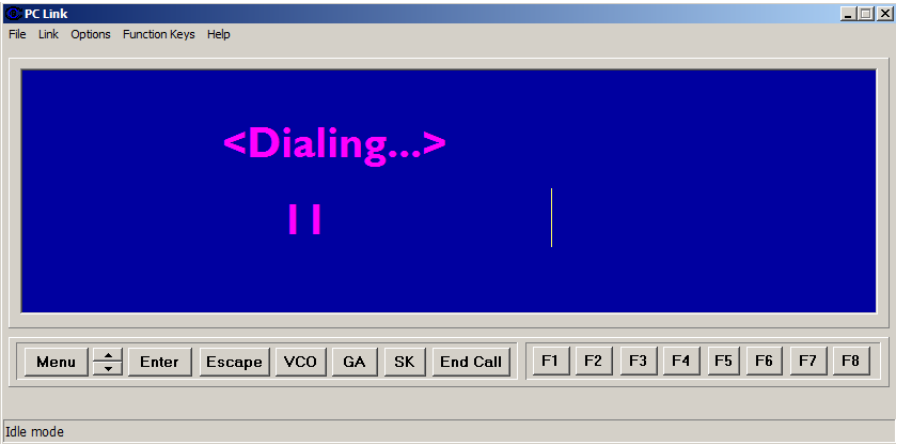
To save the conversation please press “Yes” then save the text file into the directory of your choice.



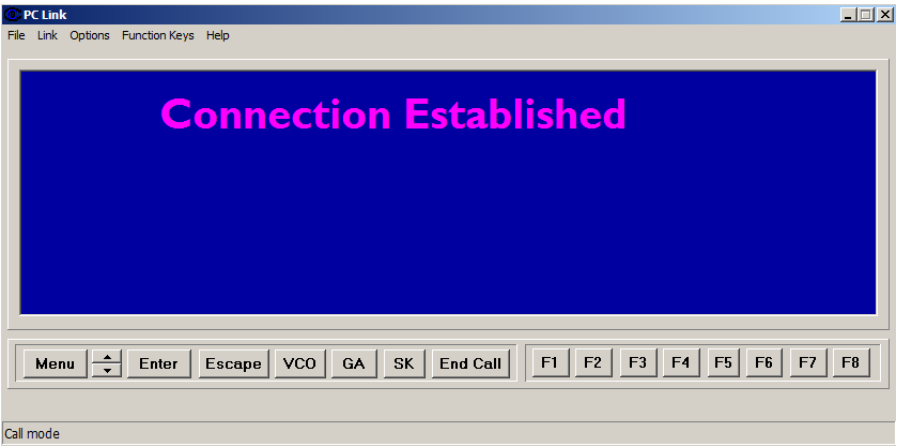
However, if you don’t want to save the conversation, just press “No” and you will be taken back to the main display screen.

Making a call

To make a call, type in the telephone number you wish to dial and then press “Enter”.



The textphone then makes the call.



Once you are connected, use the computer keyboard to converse.

GA can be accessed on the screen by pressing the button or via the keyboard shortcut key “Ctrl”. GA

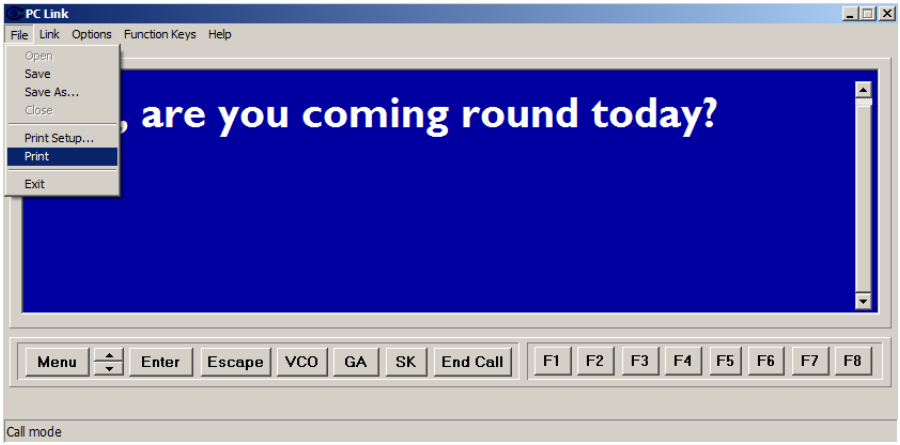
SK can be accessed on the screen by pressing the button or via the keyboard shortcut key “Insert”. SK

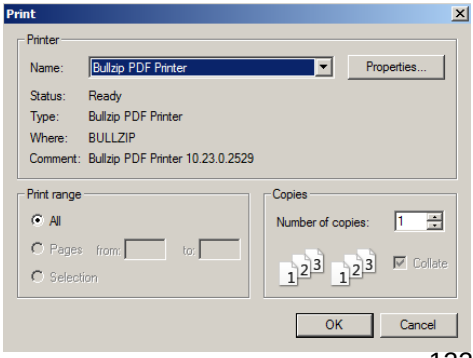
Calls are terminated by clicking End Call

Printing

A conversation may be printed either from a saved file, or directly from the text screen prior to ending the call.

To print directly from the screen, please select “File” from the main tool bar menu and then press “Print”.





You will then be taken to the printing menu. Select the printer you would like to use from the list and then press “OK” to print.

Printing (continued)

In a printed conversation, local and remote text is differentiated using the characters:

“<“ for local text (i.e. your text)
“>“ for remote text (i.e. the other person’s text)

For example:

< Hello Peter, How are you?
> Fine, are you coming round today?
< Yes

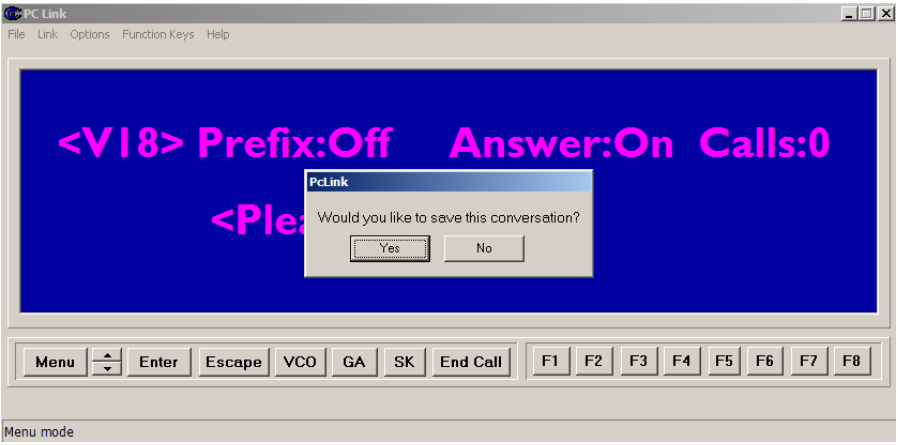
Saving conversations

You are usually prompted to save the conversation once a call has finished.

To save, please press “Yes” and then just save the file in the folder of your choosing or the PC Link default folder, which can be accessed via the following path:

C:\Program Files\Sensory Communications\PC Link\Saved conversations

Saved conversations can be then opened, read, and edited by selecting “File” and then “Open”.



NOTE: You will not receive this prompt if you have saved the conversation prior to ending the call.

Conversations saved as .rtf can also be opened with a Word Processor.

Please note that it is not possible to save your current conversation when you immediately receive another incoming call.

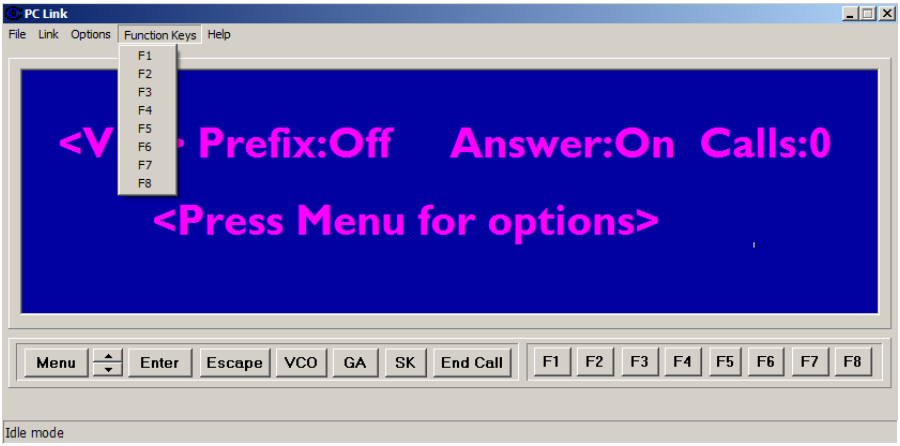
Settings

Setting the function keys

Each function key (F1-8) can be reprogrammed to perform a different task.

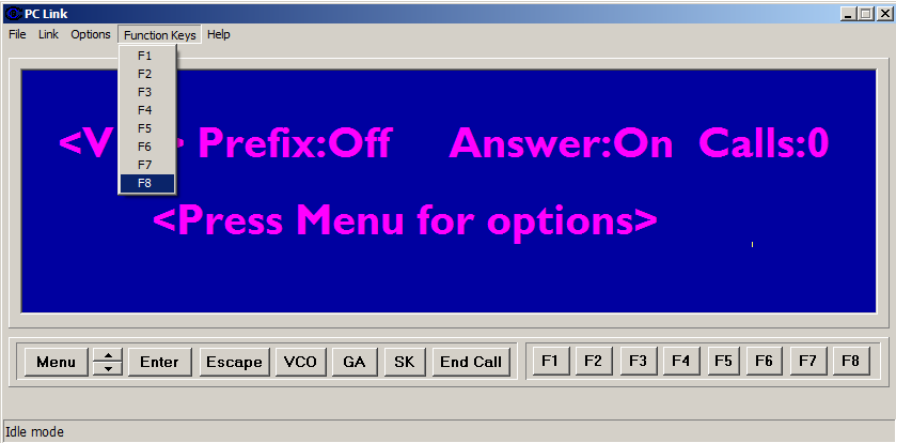
These tasks fall under the following categories: Quick Dial, Quick Memo, and Quick Menu.

Please be aware that it is possible to program any PC Link function key differently to the corresponding key on your TextLink.

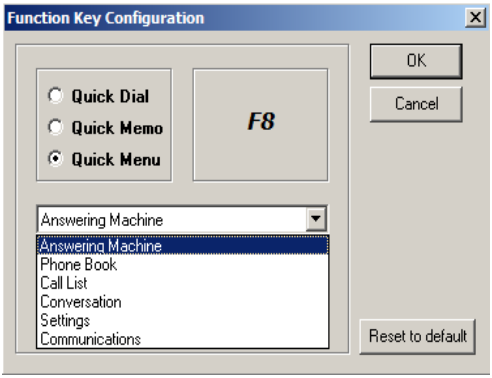


Quick Menu

To configure a function key to automatically access a TextLink menu, first select the function key you would like to use from the Function Keys menu.



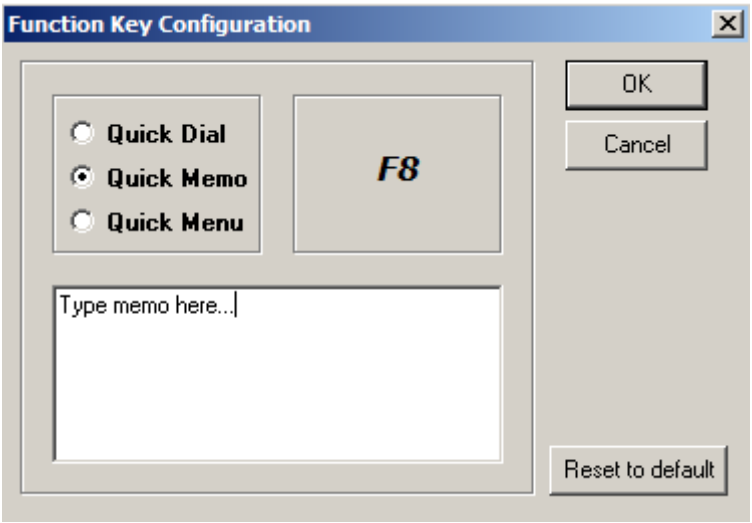
Then select the “Quick Menu” option. You should be able to see a range of different settings: Answering Machine, Phone Book, Call List, Conversation, Settings, Communication. Choose your preferred setting and then press “OK”. To remove a quick menu setting press “Reset to default”.



Quick Memo

To configure a function key to transmit a phrase or a long piece of text, first select the function key you would like to use.

Then select the “Quick Memo” option and type your personal memo in the box provided.



NOTE: This function can only be carried out during a call!

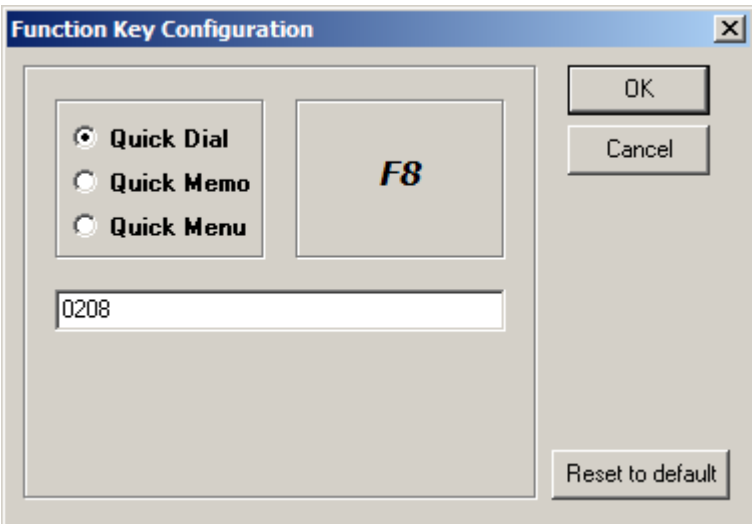
To remove a memo press “Reset to default”. This will remove the memo and reassign the default factory setting for the function key.

Quick Dial

To configure a function key to automatically dial a number, first select the function key you would like to use.

Then select the “Quick Dial” option and type the number you want to store for quicker access in the box provided.

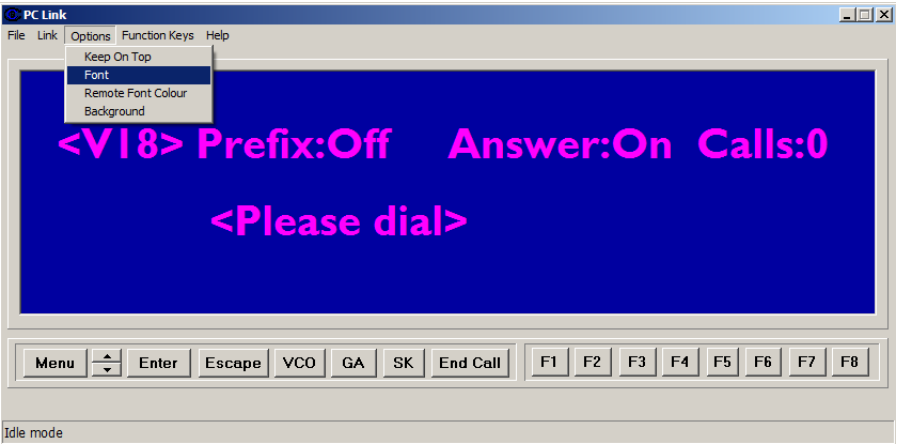
Press “OK” to save your settings.



To remove a number press “Reset to default”. This will remove your stored number and reassign the default factory setting for that specific function key.

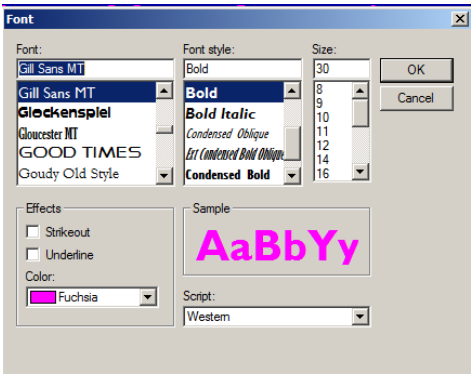
Font

To modify your font settings, please select “Options” from the main tool bar menu and then click on “Font”.



You may then change your font type, size, colour, and style.

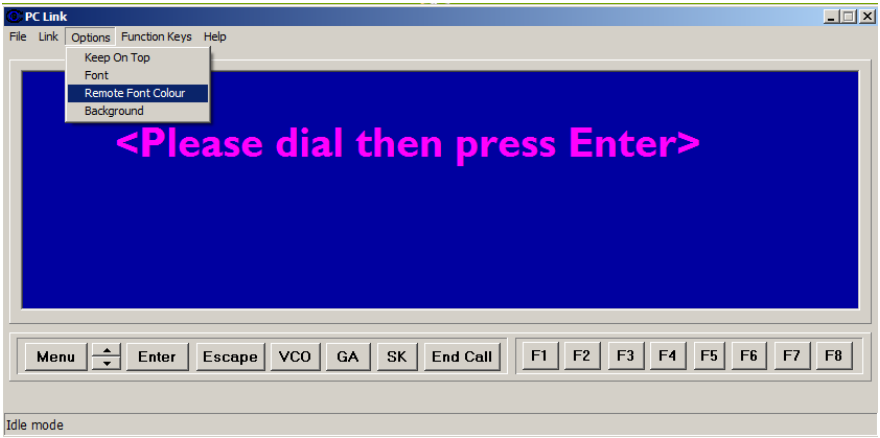
Press “OK” once you are happy with your font settings.



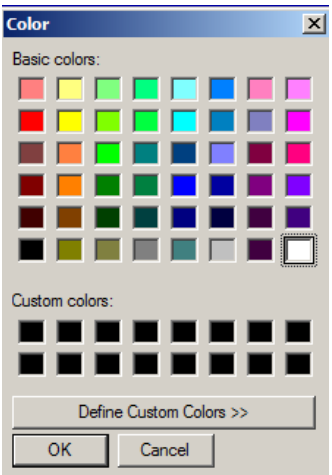
Remote Font Colour

Changing the remote font colour modifies the colour of the other caller's text. That way when you make a phone call, you can see what the other person is saying more clearly.

To choose a different remote colour, please select "Options" from the main tool bar menu and then click on "Remote Font Colour".

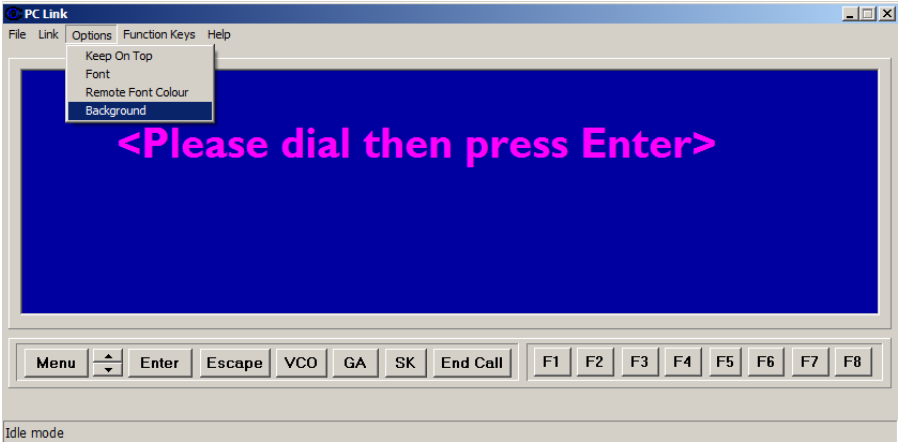


Then simply select your preferred colour and once you are happy with your choice, press "OK".



Background

To choose a different background colour for your PC Link display window, please select “Options” from the main tool bar menu and then click on “Background”.



Then simply select your preferred colour and once you are happy with your choice, press “OK”.

Notes

TextLink 9100 MT

Manual

Version 3.0

INDEX

Testing Overview ……..……..136

Mobile-to-Mobile Testing..……..136

Requirements…….....136
Testing Procedure……..……137

Mobile-to-Landline (PSTN) Testing……..……..139

Requirements…….....139
Testing Procedure……..……139

Landline-to-Landline (PSTN) Testing…….……...142

Requirements…….....142
Testing Procedure……..……142

Notes…….……..146

Testing Overview

This Manual describes basic procedures for wireless (Mobile) and landline (PSTN) testing using TextLink 9100 MT. TextLink 9100 MT can be used either in Laboratory or field testing. Field testing requires access to GSM and PSTN Networks.
The following tests can be performed:

- Mobile to Mobile in laboratory or field conditions
- Mobile to Landline (PSTN) in laboratory or field conditions
- Landline to Landline (PSTN) in laboratory or field conditions

All these tests are described in the following paragraphs.

Mobile-to-Mobile Testing

The Mobile-to-Mobile testing can be implemented with text communication performed by typing text on one of the TextLink 9100 MT's and receiving it on the other. The block diagram of connection is shown on Figure 1 (laboratory conditions) and Figure 2 (field conditions).

Requirements:

- 2x TextLink 9100 MT
- 2x mobile phone handsets with hands-free adaptors
- 2x 2.5 mm jack cable for connection to a mobile handset via Hands-Free Adaptor
- 2x Optional RS-232 cable for connection to PC
- 2x Optional RS-232 to USB converters
- 2x Optional PC with downloaded TTY-Tools software

Testing Procedure

Set the volume on both mobile handsets to the mid-range

Select mobile mode (CTM) on both TextLink 9100MT's by using the following setting shortcut: (**Menu) (7) (2);**

"<Mobile mode set>" will be displayed on the TextLink 9100MT screen.

On the first mobile handset dial a number of the second handset and press OK for dial. After that press any of the keys A through to Z on the TextLink 9100MT keyboard.

"< Connection established > <MOBILE>" will be displayed on the TextLink 9100MT screen.

Answer the call on the mobile using Answer button.

Press any of the keys A through to Z on the TextLink 9100MT

"< Connection established > <MOBILE>" will be displayed on the TextLink 9100MT screen

Type some characters on one of the TextLink 9100MT's and check if they have been received by the other. If this communication is working OK reverse the order and use the other TextLink 9100MT to type text.

If formal tests are required then two PC's need to be connected running DSPG tools with Gallaudet software.

Note: TextLink 9100 MT set-up described above is the same for Laboratory and Field tests shown on Figure 1 and Figure 2 below

Laboratory tests

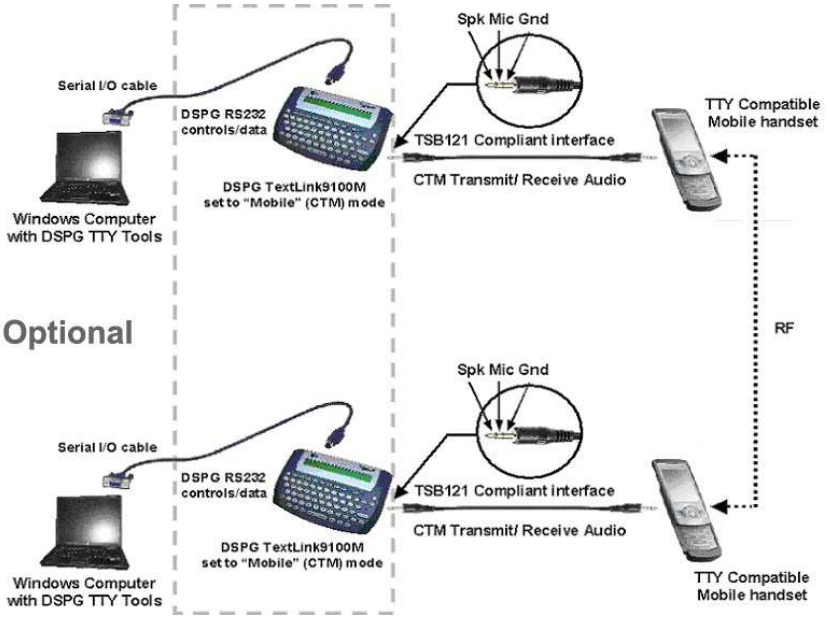


Figure 1 Mobile-to-Mobile Laboratory Test set-up using two TextLinks 9100 MT

Field tests

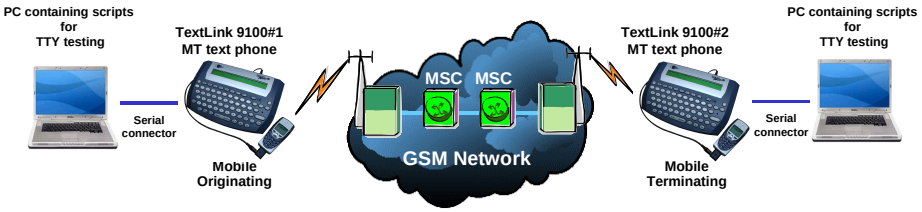


Figure 2 Mobile-to-Mobile Field Test set-up using two TextLink 9100 MT's

Mobile-to-Landline (PSTN) Testing

The Mobile-to-Landline (PSTN) testing can be implemented either directly with text communication performed by typing text on one of the TextLink 9100 MT's and receiving it on the other. The block diagram of connections is shown on Figure 3 (laboratory conditions) and Figure 4 (field conditions).
If formal tests are required then two PC's need to be connected running DSPG tools with Gallaudet software.

Requirements

- 2 x TextLink 9100 Mobile MT
- 1 x mobile phone handsets with hands-free adaptors
- 1 x 2.5 mm jack cable for connection to a mobile hand set via Hands-Free Adaptor
- 2x RS-232 cable
- 2x Optional RS-232 to USB converters
- 2x PC with downloaded TTY- Tools software

Testing Procedure

Set the volume on the mobile handset to the mid-range

Run the TTY software test program and input all correct device information.

Select mobile mode for the TextLink 9100MT on one side by using the following setting shortcut on the TextLink 9100MT : (**Menu) (7) (2);**

> **"<Mobile mode set>"** will be displayed on the TextLink 9100MT screen.

Select V18. mode for the TextLink 9100MT on the landline side by using the following setting shortcut on the TextLink 9100MT : (**Menu) (7) (1);**

“<V.18 mode set>” will be displayed on the TextLink 9100MT screen.

Dial a number on the mobile phone then press any of the keys A through to Z on the TextLink 9100MT keyboard.

“< Connection established > <MOBILE>” will be displayed on the TextLink 9100MT screen.

Answer the call on your TextLink 9100MT by pressing any of the keys A through to Z on the keyboard.

Once the connection is established, wait for the **“Hello. GA”** message to appear on the display and then type some characters by hand and see if the other TextLink 9100MT has received these characters.

If yes, then type some characters on the other side to verify that both sides send and receive the characters.

Start the TTY test by pressing the **'start call'** button on the screen. You will see the text displayed on the screen of the PC and on both the TL9100MT screens.

Once the test is finished press the **(Dial/End Call)** button on the TextLink 9100MT and press **“end call”** on the mobile.

Note: TextLink 9100 MT set-up described above is the same for Laboratory

Laboratory tests

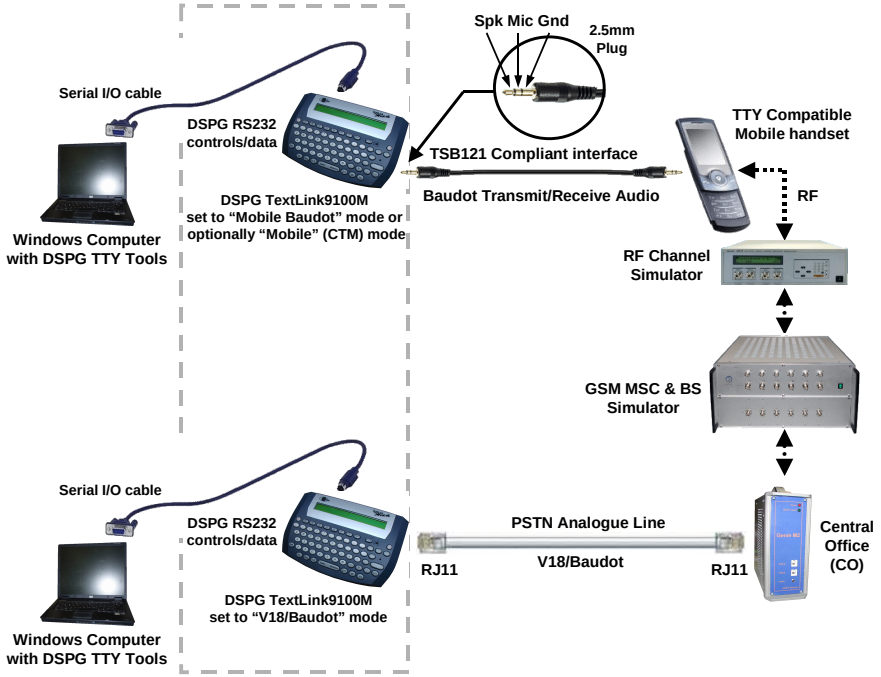


Figure 3 Mobile-to-PSTN Laboratory Test set-up using two TextLinks 9100 MT

Field tests

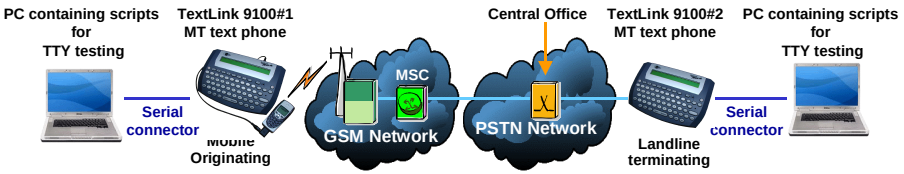


Figure 4 Mobile-to-PSTN Field Test set-up using two TextLinks 9100 MT

Landline to Landline Testing

The Landline-to-Landline (PSTN) testing can be implemented directly with text communication performed by typing text on one of the TextLink 9100 MT and receiving it on the other. The block diagram of connections is shown on Figure 5 (laboratory conditions) and Figure 6 (field conditions).
If formal tests are required then two PC's need to be connected running DSPG tools with Gallaudet software.

Requirements

- 2 x TextLink 9100 Mobile MT
- 2x RS-232 cable
- 2x Optional RS-232 to USB converters
- 2x PC with downloaded TTY- Tools software

Testing Procedure

Select V18. mode for the for both TextLink 9100MT by using the following setting shortcut on the TextLink 9100 MT :
(**Menu) (7) (1);**

"<V.18 mode set>" will be displayed on the TextLink 9100 MT screen.

In the laboratory environment dial the number (set in the central office) on the TextLink 9100MT keyboard then press any of the keys A through to Z on the keyboard.

"< Connection established > <V.18>" will be displayed on the TextLink 9100 MT screen.

In the field conditions dial the real PSTN number on the TextLink 9100MT keyboard then press any of the keys A through to Z on the keyboard. Then follow the same procedure as above.

Answer the call on the other TextLink 9100MT by pressing any of the keys A through to Z on the keyboard.

Once the connection is established, wait for the **“Hello. GA”** message to appear on the display and then type some characters by hand and see if the other TextLink 9100MT has received these characters.

If yes, then type some characters on the other side to verify that both sides send and receive the characters.

Start the TTY test by pressing the **'start call'** button on the screen. You will see the text displayed on the screen of the PC and on both the TextLink 9100 MT’s screens.

Once the test is finished press the **(Dial/End Call)** button on the TextLink 9100 MT and press **“end call”** on the mobile.

Note: TextLink 9100 MT set-up described above is the same for Laboratory and Field tests shown on Figure 5 and Figure 6 below

Laboratory tests

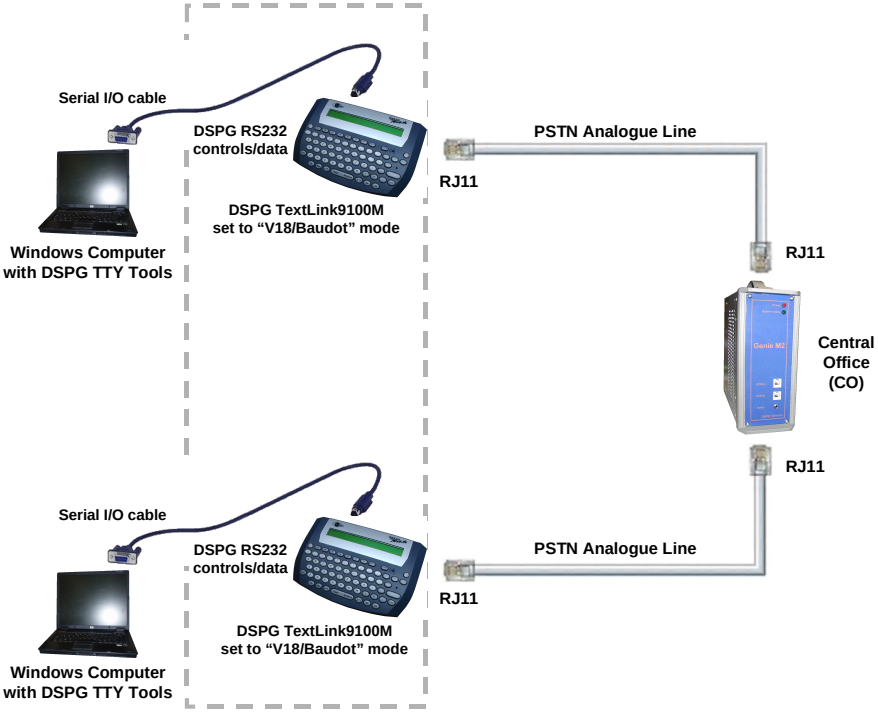


Figure 5 Landline (PSTN)-to-Landline (PSTN) Laboratory Test set-up using two TextLink 9100 MT's

Field tests

Figure 6 Landline (PSTN)-to-Landline (PSTN) Field Test set-up using two TextLink 9100 MT's

Notes

Notes

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