## Facilities & Features

This apparatus has been approved for the use of the following facilities

- Simple telephone facility
- DTMF Signalling
- 32 digit Automatic Storage of last number dialled
- Save feature to transfer last number dialled to another memory location or to annote a telephone number in memory during a call
- 20 Direct Memory locations of 32 digit capacity
- Ringer Volume slide control
- Ringer Pitch control
- Time Break or Earth Loop Recall (selectable)
- Operation in absence of proceed indication
- Suitable for PABX's providing secondary proceed indication
- Push-to-Mute function or optional Push-to-Speak
- 32 digit save function
- Memory Protection Switch
- Data Port connection

Any other usage will invalidate the approval of the apparatus if as a result it then ceases to conform to the standards against which approval was gained.

## Conditions Of Use

Your FP202 Datalink phone is approved for use on business or private direct exchange lines and on compatible PBX extensions.

When connected to a direct exchange line this must be a standard exclusive (not shared service) line. The line should cater for either loop disconnect or multifrequency signalling. The telephone can signal Timed Break and Earth Recall.

This telephone is not suitable for use as an extension to a payphone or on shared service or (1+1) carrier systems.

## Guarantee

Your FP202 Datalink phone is guaranteed for one year from the date of purchase. If found to be faulty within the guarantee period it will be repaired or replaced at our discretion, subject to our standard terms and conditions. The guarantee does not cover accidental damage or negligence. The telephone must only be used in the U.K. in accordance with its instructions for use and must not be tampered with, or taken apart by anyone who is not an authorised representative of the company. The guarantee in no way limits your legal rights. Should you have any problems, please return your telephone to your supplier.

Please ensure that a note of your name and address and details of the problems are enclosed, together with a copy of your purchase invoice and that goods are returned in their full original packaging with instructions enclosed. Goods are returned to the manufacturer at the customers own risk and expense.

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# Care Of Your Telephone

You have invested in a quality product and simple care and cleaning will keep it in good condition.The plastic parts and cards should be wiped with a cloth dampened with clean water.

DO NOT use spray polishes as these can affect the internal circuits.
DO NOT use abrasive cleaners as these will dull the high gloss finish.
DO NOT let the coiled cord become knotted or twisted.
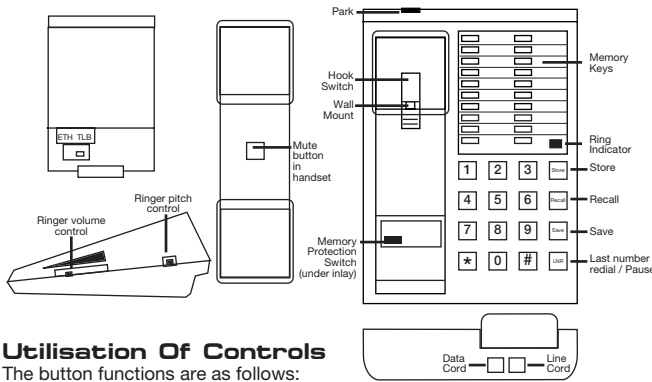
### Wall Mounting

You may wish to mount the FP202 Datalink phone on a wall.  To do this:

- Slide the plastic "wall mount" upwards to remove, turn it around and replace it in the slot.
- The Handset will then stay in the cradle when the telephone is on the wall.
- Position two screws into the wall at a distance of 10cm apart.
- Ensure that the screw heads are 5mm from the wall.
- Place the telephone on the screw using the keyhold slots on the rear of the telephone.

# In Case Of Difficulty

If your telephone does not appear to be working, the following simple instructions should enable you to discover the problem.  You may wish to ask a friend to help you by making and receiving calls from your line to theirs.

1. Check all the handsets have been correctly replaced and the telephones are firmly plugged into the sockets. Attempt a call. If the problem persists proceed through the following steps and attempt to make a call at each stage.

2. Unplug all your telephones and plug in an individual instrument. If this instrument works try it in all the sockets. This action should indicate if this telephone and your sockets are working correctly.

3. Plug in your telephones one at a time. If the problems only occur with all your telephones plugged in,  please read the instruction headed "Installation" - Section 5.

4. Any continuing case of difficulty should be referred in the first instance to the supplier of the telephone.

# FP

# Datalink Phone

# User Guide

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## Utilisation Of Controls

The button functions are as follows:

| | |
|---|---|
| 0 - 9 | - Dialling digits |
| * - # | - Dialling codes for MF Signalling |
| Recall | - For use on a PBX or for star services |
| Tone | - Switches from Loop Disconnect to DTMF during dialling |
| Save | - Used during conversation to store a memo number or last number dialled in a separate memory allowing you to make other calls before dialling this number again |
| Store | - Used to store a telephone number in memory |
| LNR | - Last number redial |
| Pause | - Pause function |
| Mute | - To prevent the other party from hearing you (ie. push down (on handset) to mute) or, alternatively, on specially adapted models this can be amended to push-to-speak. In this instance, the phone will be clearly marked as such |

The switch functions are as follows:

| | |
|---|---|
| Ring Vol (slide) | - Allows you to set the level of the ringer loudness |
| Ring Pitch | - Allows you to set the pitch of the ringer |
| ELR/TLB | - Sets the Recall to Earth (ETH) or Time Loop Break (TLB) |
| Memory Protection | - Allows you to protect numbers stored in memory location |

Visual Indicators:

| | |
|---|---|
| Ring | - This indicates an incoming call by lighting up. |

## Installation

Your FP202 Datalink phone is designed to be plugged into the new phone sockets adopted in the UK.  The plug and socket are designed so that the plug will only fit the socket the correct way round.  Please note any other method of connection will invalidate the instrument approval.

On any exchange line you may have as many sockets as you like, the number of which may exceed the number of telephones. Your telephone can be moved from socket to socket by simply plugging it in where you wish. However, if you unplug your telephone whilst involved in initiating a call or talking, the call may be lost.

There is a limit on how many telephones may be connected to an exchange line at any one time. Plugging in too many telephones will overload your exchange line and as a result your telephones may not ring. To enable you to check if you are overloading a line, a Ringer Equivalence Number (REN) is marked on the base of the telephones you wish to plug in. The ringers should operate satisfactorily if the sum of the REN numbers are 4 or less.  Include all equipment provided.  If a telephone is supplied unmarked you can assume it to have a REN of 1, but this should be confirmed by your local sales office.

NOTE: NOT ALL TELEPHONES HAVE THE SAME REN VALUE.

This FP202 Datalink phone has a REN of 1.

Once you have completed the "Initial Set-up Procedure" ( Section 4)  then plug your telephone into the socket. Once plugged in wait for 4 seconds before making or answering a call.

Your FP202 Datalink phone is now ready for use.

A preset switch will be found situated in the battery compartment.  Namely the RECALL MODE SELECTOR SWITCH, and should be set as follows:-

*The Recall Mode Selector Switch* - If you are connected to a TONE dialling exchange, set the switch to the TLB (Timed Loop Break) position to enable you access certain Network Services.  If you are connected to a PULSE dialling exchange, set the switch to the ELR (Earth) position as recall has no function on direct lines connected to such exchanges.  (This will avoid the possibility of cutting off your call should the recall button be pressed accidentally.)  If you are connected to a PABX, set the switch according to the requirements of your particular PABX.  If in doubt, consult your PABX Instructions or your PABX maintainer.  Set the switches, refit the battery compartment cover ensuring that it clicks fully into place.

**Setting The Ringer** - RINGER VOLUME SLIDE CONTROL
The ringer volume control allows the ringer volume to be varied whilst still allowing you to make calls.  Set to minimum position the ringer will be off.  RINGER PITCH SWITCH - Set the switch to the HI, MED or LO position to adjust the pitch of the ringer.

**Connect To Telephone Socket** - When the setting up instructions have been completed, connect the plug at the end of the telephone lead into the telephone socket.  The plug will only fit the correct way round.

*Connecting a Datalead* - When required connect the plug at the end of the data lead to the data port at the rear of the telephone. The plug will only fit the correct way round.

## Manual Dialling

To make a call:
- Lift handset, listen for dial tone
- Key in number you wish to call

## Last Number Redial

To redial the last number manually dialled:
- Lift handset, listen for dial tone
- Press redial button

*Save Memory* - This memory enables you to transfer the last telephone number you dialled into a Save memory location allowing you to make other calls before trying the number again.  To use this facility, press the SAVE button.  Replace the handset.  To call the number, lift handset, await dial tone and press the Save button.  The number in the Save memory will then be dialled automatically.

*Memory Operation* - Up to 20 telephone numbers each consisting of a maximum of 32 digits (including pauses or change of dial mode instruction) may be stored in memory.

To store a number, please adopt the following procedure:-

1) Ensure that the telephone is plugged into the telephone socket, and that the memory protection switch is positioned to the right.  Lift handset.
2) Press STORE button once.  Note that button only moves a short distance.
3) Enter the telephone number to be stored.
4) Press the STORE button again.
5) Press desired memory location button.
6) To protect the number stored ensure the memory protection switch is positioned to the left.

*Storing Numbers whilst on a Call* - Numbers may also be stored when you are actually in the process of making a call and using the handset. This is useful, for example, if you are given a telephone number during your conversation. The number may then be dialled from memory at a later time. To store the number, press STORE button and then dial number, press STORE button again and then desired memory location button.  Write down references to numbers stored against memory location buttons.

*Changing a Number in a Memory Location* - If you wish to change a number in a memory location, simply follow the instructions for storing a number. Entering the new number will automatically erase the previous number.

*Dialling Numbers from Memory* - To dial a number from memory, lift handset, await dial tone and press button corresponding to memory location require.  Sometimes it may be necessary to combine the information from 2 memories or to combine memory dialling with manual dialling. In these cases, simply press the 2 memory buttons in sequence or press the desired memory button followed by manual dialling of the remainder of the number. These combinations are often carried out when alternative carriers are used.

*Handset Mute Button* - Whilst this is depressed the other party will not hear the conversation.  If specified the Executive FeatureSet 2 Memoryphone can be supplied with this button as 'push to talk',  and in this instance the telephone will be clearly marked as such.

**Operating Procedure For PBX Connection**

**NOTE: The FP202 Datalink phone is suitable for connection to a PABX which returns secondary proceed indication.**

**PBX Recall** - When connected to a PBX, the telephone will send a Recall Signal to the exchange when the RECALL (R) button is pressed.  This FP202 telephone provides either TIMED LOOP BREAK or EARTH RECALL Consult you PBX supplier or maintainer to ascertain which is compatible with your PBX.  Having established which you require select either ELR (Earth Recall) or TLB (Timed Loop Break) using the ELR/TLB switch.

**N.B.  Unlike the other keys the Recall key is a 'hard switch' not a 'soft press' key.  This means it will only depress slightly, and will remain depressed until released.**

**PABX Pause Facility** - On PABX systems which provide secondary proceed indication you must wait for the secondary proceed dial tone after dialling the initial access digit(s), normally 9 for an outside line.  For correct operation of the Memory facilities it is therefore necessary to store a Pause after the access digit to ensure correct dialling.  Pressing the LNR key automatically inserts a 2 second pause in the dialling sequence.

**NB: Do not enter more than 1 consecutive pause.  Failure to comply with this may result in unsatisfactory operation and will invalidate the approval.**

**General Use** - It must be noted that there is no guarantee of correct working of this telephone in all circumstances when connected to a PBX.  Any difficulties should be referred to the telephone supplier.  This telephone is approved for connection to most  PBX's.  The supplier of this telephone should be consulted for an up to date list of PBX's with which this telephone is compatible.