

**BATTERY LIFE** – The unit is designed to give the maximum life from the batteries.  
For commercial use, a range of optional external power supply units are available.

Only use a power unit specifically designed for Telepulse. Please consult your retailer.

A mains power supply unit is available as an optional extra to conserve battery power. Connect the low voltage plug to the Telepulse before connecting the power supply unit to the mains.

You may secure Telepulse to a wall using the keyhole fixing at the rear of the unit. Once so mounted, a security screw may be used to prevent the unit from being removed from the wall.

**Telepulse is designed to work on a standard telephone line configured with payphone style tariff pulses. These pulses can be supplied by your local telephone service provider on application.**

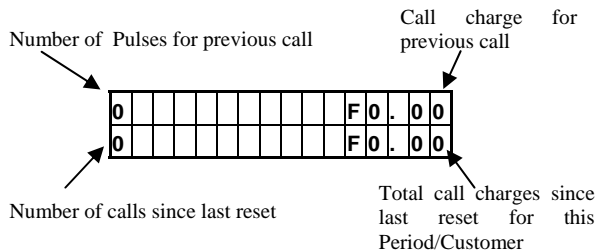
**Guarantee**

**Your new product comes with our 12 month guarantee protecting you against electrical and mechanical breakdown.**

**Please retain your receipt as proof of your purchase to ensure you receive assistance if your Telepulse requires attention during the guarantee period.**

**Your Retailer will remain your contact point.**

**NORMAL OPERATION** – under normal operating conditions, the view will be:-



When the telephone handset is lifted, the Number of calls will increment and the top line indicators will show zero. For unanswered calls and incoming calls, tariff pulses will not be received and when the handset is replaced the call number will revert to the previous display. For outgoing answered calls, receipt of tariff pulses will increment the pulse counter (top left), the call tariff (top right) and the total tariff for the period (bottom right). When the call is completed, the totals will remain on display.

Whilst the telephone line is inactive, the last 10 calls may be reviewed by use of the UP and DOWN arrow keys. For domestic users, this is designed to help keep call costs to a minimum by managing access to the telephone.

The LEFT and RIGHT arrow keys cause the permanent counters to be displayed. These counters are incremented simultaneously with the period counters but cannot be reset. They are designed to validate the period counter readings and are security functions aimed at the service reseller type user.

**COUNTER RESET** – The readings of the period counters may be used to check the telephone bill or generate customer invoices.

The period counters (Call Numbers and Tariff Totals) may be reset by entering the preset sequence of the A-D keys. For Mode 1, when the code is entered, the minimum charge will be displayed for the new period. This is the value of the line rental if required. For Mode 2, the code should be used for each new customer using the telephone. The minimum charge may be used to define minimum amount payable for using the telephone. Call charges are not incremented until this value is exceeded.

# Telepulse



# Subscriber Private Meter

**INTRODUCTION** – This guide assumes that arrangements have been made for tariff pulses to be supplied by the Telephone Service Provider.

**INSTALLATION** – check that the following items are included in the packaging:

1. Telepulse main unit with lead attached
2. Instruction Guide
3. Warranty Card

This is a good time to complete and return your warranty card.

There are two ways to install your Telepulse unit:

A) Through Connection (for telephones with removable line cord):

Disconnect line cord at telephone.  
 Plug line cord into right hand side of Telepulse.  
 Plug Telepulse lead into telephone base.

B) Using Adapter Plug (optional Extra):

Connect the lead from Telepulse to the adapter plug.  
 Unplug your telephone from the line socket.  
 Plug adapter plug into the line socket.  
 Plug telephone into rear connection of the adapter plug.

Open battery compartment at rear of Telepulse.

You will see a label with a serial number. The last 4 digits of this number may be used to access the configuration menu if you forget your personal access code. Remove this label and keep it safe for security against misuse.

Fit 4 x AA size alkaline batteries observing the correct polarity.

Close the battery compartment.

**GETTING STARTED** – Telepulse is designed to enter “sleep” mode when no activity is taking place. This is to conserve battery power. Lift and replace the telephone handset. Telepulse will show a welcome message and, after a few seconds, show the normal operating display.

		W	E	L	C	O	M	E	T	O			
T	E	L	E	P	U	L	S	E	v	1	.	4	9

0										F	0	.	0	0
0										F	0	.	0	0

**CONFIGURATION** – With the normal operating display in view, hold down the “A” button for at least 2 seconds.

L	A	N	G	U	A	G	E	?						
E	N	G	L	I	S	H								

The display will ask you to select your preferred language. Use the UP and DOWN arrow buttons to select your desired language. When done, press button “D”.

A	C	C	E	S	S	C	O	D	E	:				
0	X	X	X											

The display will now ask for your security access code. If this is first use, the security code will be “0000”. Just press “D”. If you have

already set a different code, use the UP and DOWN arrows to set the first digit. Press the RIGHT arrow to move to the next. Repeat until all 4 digits have been entered. Press button “D” when done.

O	W	N	E	R	S	H	I	P						
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Assuming the correct code has been set, the display will now allow you to identify ownership by inserting, say, a telephone number, post code or any other 16 character message. Use the arrow keys to complete this and press “D” when done.

O	P	E	R	A	T	I	N	G	M	O	D	E	?	
M	O	D	E	:	0									

The display will now prompt you to select an operating mode. For Domestic Users, Mode 0, this should be done at the PTT meter reading date and a note taken of the reading for comparison with the telephone bill.

For Landlords or Lessors, Mode 1, the reading should be taken (using the non-resettable counters as verification).

For Telephone Bureaux and Retail Outlets, Mode 2, the period total gives the usage charge for all calls made by that customer.

You should select the mode that most meets your requirements. Press “D” when done.

C	O	D	E	T	O	R	E	S	E	T				
C	O	U	N	T	E	R	S	:			A	B	C	D

The next screen allows you to set a key sequence to enable the reset of the cumulative counters for calls and charges that are shown on the normal operating screen. Set the sequence required by using the arrow keys. Press “D” when done.

S	E	T	M	A	I	N	A	C	C	E	S	S		
C	O	D	E	:					0	0	0	0		

The display will now allow you to change your security access code. You should set this to a memorable 4-digit number by using the arrow keys. Once set, by pressing the “D” button, this will become your access code to re-enter the configuration menu.

C	U	R	R	E	N	C	Y	S	Y	M	B	O	L	?
					F									

The display will ask you to select the symbol that most represents your currency. The symbol may be selected using the UP and DOWN arrow keys. You may use any upper or lower case alpha-numeric symbol. Press “D” when done.

C	U	R	R	E	N	C	Y	F	O	R	M	A	T	?
					F	0	0	0	.	0	0			

The display will prompt you to set the currency format. The LEFT and RIGHT arrow keys will allow you to position the symbol relative to the digital value. The UP and DOWN arrow keys will allow you to select the number of digits to follow the decimal point. Press “D” when done.

T	A	R	I	F	F	1	s	t	U	N	I	T	?	
F	0	0	0	.	0	0	0							

The display will ask you to set the charge to be recorded for the first pulse received on each answered call made. Some service providers set a higher tariff for this first pulse. If this is not the case set the standard pulse tariff here. Use the arrow keys to set the required value. Press “D” when done.

T	A	R	I	F	F	U	N	I	T	F	E	E	?	
F	0	0	0	.	0	0	0							

The display will ask you to set the charge to be recorded for each subsequent pulse. This is the standard pulse tariff. Use the arrow keys to set the required value. Press “D” when done.

M	I	N	I	M	U	M	C	H	A	R	G	E	?	
F	0	0	0	.	0	0	0							

If you selected mode 1 or mode 2, the next screen will prompt you to set a minimum charge. For mode 1, this is added to the cumulative total once only after the counters are reset and is designed to be the periodic line rental charge for reseller use in , say, leased accommodation. For mode 2, this is set to the cumulative total after counter reset. This counter is static until the call charges exceed the set value. This is designed to set a minimum telephone call usage charge for retail outlet resale of telephone services. Press “D” when done.

S	L	E	E	P	T	I	M	E	O	U	T	?		
		1	0	S	E	C	O	N	D	S				

The next screen asks you to select the number of seconds of display before the unit enters the battery saver mode.