

Specification

Full UHF Auto scan Channels 21-69 identifies analogue and digital signals. Shows up to a total of 8 signals (terrestrial analogue, and digital terrestrial) in real time

Range and accuracy input level range 20-85 dBuV.
Accuracy better than +/- 2 dB .

Signal to noise Pass (P) better than 26 dB, Marginal (M) 21-25 dB
Fail (F) less than 21 dB.

75 ohm BNC input socket , test cable and coax adaptor included

Robust case IP65 rated against rain and dust. Nylon carry case with

Battery is a 7.5 volt NiMh type which gives 10 hours (4 hours with back light) operation. Battery voltage shown on screen at switch on.

12 Volts Line powering - for Masthead amplifiers etc. Up to 35mA with load attached at switch on of line powering- up to 75mA when load is applied After switching on the line powering.

Charging Car charger and mains charger included. Charging time 12 hours. Battery will not overcharge if left on charge.

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Terry the terrestrial meter

Operators manual



Terry Version 2 software. Adds the ability to store extra channel plans in the Terry Meter.



Controls

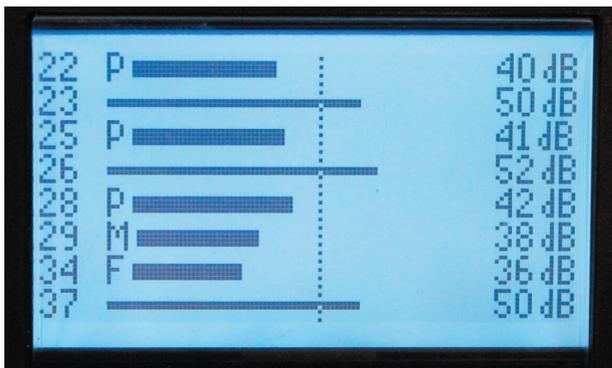
OFF button, switches off the unit. If Terry is accidentally left running it will auto switch off after approximately 15 minutes.

ON/ST button, switches the unit on. If the ON button is held for more than 1 second at switch on the back light will be activated. During SCAN the ON/ST button stores a wanted channel and the ON/ST button is used to move between memories in the normal operating mode.

12v button, press and hold for more than 2 seconds applies 12 volts to power a masthead preamplifier. Press and hold again to switch off 12 volt supply. In the SCAN mode this button switches the measurement mode between analogue and digital.

SCAN button, press and hold for more than 2 seconds to start scanning for channels. When a channel is found the scan stops, press ON/ST to store this channel or press SCAN again to skip and carry on scanning. Occasionally, due to a high channel overloading the input, a spurious channel will show. Press SCAN to skip this unwanted signal. When up to 8 desired channels have been found these are automatically stored in memory. To store different channels simply re-scan.

On screen Information.



Each channel (up to 8) is represented by a horizontal bar .

A wide bar is a digital multiplex and a narrow bar is an analogue TV carrier.

The figure at the left of the bar is the UHF channel number .

Following the channel number (on digital channels only) will be found the letters P,M or F . This is the signal to noise performance. P is pass , M is marginal and F is fail. The set top box will perform with a good margin if P is achieved, may occasionally have problems if M is shown and will not normally lock if F is shown. (Note set top boxes do vary in performance, however the settings in Terry are conservative and should give reliable operation on all set top boxes.)

To the right of the screen is the signal level in dBuV .

It is recommended that for digital signals a minimum level of 45 dBuV be achieved at the set top box input.

A dotted line indicates this minimum level on the screen. Where a high signal level is available Terry automatically inserts extra attenuation and the dotted line will be seen to move to the left of the screen.

Charging Terry A full charge takes 12 hours using the mains charger. The unit will not over-charge if left for longer. A car charger is also supplied . Battery life is 10 hours (4 hours if the back light is used)

Extra channel memories

When switched on Terry starts in the same memory as when last used (See next section for memory details)

Storing extra channel plans in memories 1, 2 and 3.

1, Hold the SCAN button down whilst switching on with the ON button, then continue to hold until the Store screen appears on the display.

2, The memory in which the stored channels are to be placed is selected by pressing the ON button which rotates round memories 1 to 3 The memory selected is shown by the arrow.

3, After selecting the desired memory press the SCAN button to load the required channels. It is not necessary to connect to an aerial to set up the stored channels. If an aerial is connected the received channels will be shown. The first channel shown is channel 21.

4, If channel 21 is required press ON/ST . If channel 21 is not required then press SCAN, the channel will be skipped .

5, Pressing the 12V key will toggle the measurement from analog to digital, set as required for the selected channel.

6, Channel 22 will now be shown Repeat the process until all the desired channels have been stored. If all 8 channels have been entered the Store screen will return and the process can be repeated for all three memories. If less than 8 channels are required turn off Terry after the required number of channels have been entered, this will store the channels.

7, When all the channels have been entered in the required memories turn OFF the meter to store the channels.

Operating the meter and using the stored channel plans

When the meter is turned on with an aerial connected the meter will start by scanning the noise floor. Following this noise scan the meter will enter it's normal operating mode.

Press the ON key (for 1 second) to show the list of memory stores, press the ON button again to move to the next memory store (as indicated by the arrow) until the desired memory is selected. To change your channels in the memories simply repeat the above process and over write the desired memory.