



Technical Data Sheet

AUTOMATIC CABLE TESTER

25-014 Automatic Cable Tester MK. 4

DESCRIPTION

The Automatic Cable Tester can be used for testing long or short cables, multi-cores and fixed installation cabling. The separate REMOTE barrel allows testing of cables with XLR connectors where both ends of the cable are not available together. Balanced and unbalanced wired cables can be tested. Poor solder joints and the presence of resistors are shown by a reduction in the intensity of the display illumination. A table of the main fault conditions is printed on the Cable Tester.

CONNECTORS

The SEND section consists of male and female 3-pin XLR type connectors and a 6.35mm A-gauge jack socket.

The REMOTE jack socket is located below the SEND jack socket.

The separate REMOTE barrel consists of male and female 3-pin XLR type connectors.

The XLR and 6.35mm SEND connectors are wired together as follows:

Jack	XLR	
Tip	Pin 2	Audio +
Ring	Pin 3	Audio -
Sleeve	Pin 1	Ground

CONNECTION

The audio inputs are electronically balanced, with pin 1 screen, pin 2 positive phase, pin 3 negative phase.

CABLE TESTING

Switch on the cable tester ensuring that the red LED illuminates. If this is not the case then fit or replace battery. (See POWER SUPPLY section.) Connect the cable to be tested to the appropriate connectors, one end to the SEND section and the other to the REMOTE. The condition of the

cable should then be displayed. If no LEDs illuminate then press the TEST button. Follow the explanation on the top of the unit to indicate the condition of the cable.

The Cable Tester only tests for shorts to the shell of the XLR plugged into the SEND XLR on the main unit. To test for shorts to the XLR shell of the XLR at the remote end of the cable, repeat the test with this XLR plugged into the SEND XLR on the main unit.

POWER SUPPLY

The cable tester is powered by one 9 volt battery. Alkaline or rechargeable types are recommended.

Batteries:

Alkaline

59-026 Varta 4022

59-045 GP 1604A

59-121 Procell MN1604 (10 pack)

Rechargeable

59-065 GP 17R8H

Batteries are available individually unless stated otherwise.

Battery replacement:

LIFT TO WITHDRAW as directed on the battery compartment, replace the battery, observing correct polarity and slide the drawer home again.

ACCESSORIES

25-015 Spare remote barrel