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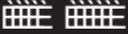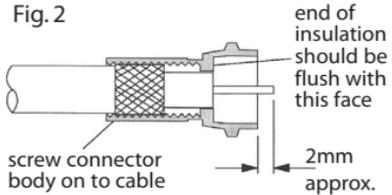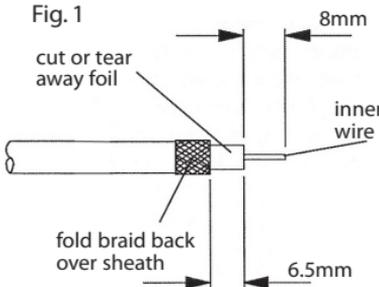
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Introduction

Your DVB-T signal meter helps you align your aerial for the best digital reception with the minimum of fuss. The meter connects directly to your aerial and the LEDs indicate the signal strength.

Power

1. Fit a 9V PP3 battery (not supplied) into the holder at the rear of your DVB-T meter. You can also power the unit with a 5-12V DC adaptor fitted with a 3.5mm jack plug - not supplied.

Connection

2. Run a lead from the aerial balun into the socket marked Antenna (See Fig. 1). You can use the F lead supplied (for aerials with F connections) or make up a short coax lead to connect to aerials with a wired connection using the F connector supplied. To wire your F connector see Fig 1. and 2 below.

Fig. 1
8mm
cut or tear away foil
inner wire
fold braid back over sheath
6.5mm

Fig. 2
end of insulation should be flush with this face
screw connector body on to cable
2mm approx.

The coax to F adaptor supplied can be used to test for a signal at any coax aerial wall socket when connected to the Antenna socket. PLEASE NOTE: Connection to the Receiver F socket is optional and can be made if you want to watch the TV signal during testing, it is not necessary to make this connection to test the signal strength.

Operation

3. Turn on the power switch on the right hand side of the DVB-T meter the Red power indicator will light.

4. Point your aerial in the same direction as any visible neighbouring aerials and then turn slowly in a horizontal arc. Continue turning in the same direction until you find the direction in which the maximum number of LED's are lit. If there is more than one direction with the same maximum LED count select the one that covers the widest arc.

Receiver Socket

On/Off Power Switch

Red Power LED

Green Signal Strength LEDs
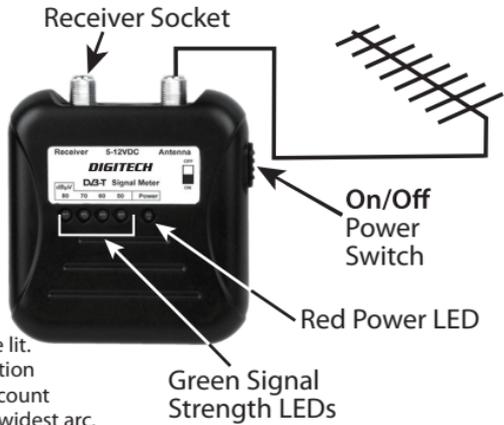
5. Finally position your aerial at the estimated mid point of the range in which the maximum number of LEDs are lit.

Specifications
Frequency range: 40-862MHz
Input Level: 50-90dBµV
Power Requirement: 5VDC, 40mA
External Power Source: 5-12VDC
Battery Type: 9V PP3 (not supplied)

Accessories
Short F lead - plug to plug
Twist on F plug
F plug to coax plug adaptor
Coax coupler - coax socket to socket