MCT-20
CABLE TESTER

Millenium

Rugged, compact, metal construction for ultimate roadworthiness, long life, and reliability.

Tests cables with all types of combinations of the following connectors:

- 3.5mm and 6.35mm TRS
- balanced XLR (M/F)
- Phono/RCA
- banana plug
- 4-pin and 8-pin Speakon
- 4-pin S-type socket
- 3-pin, 5-pin, 7-pin, 8-pin DIN
- 7-pin and 8-pin CAT-5

Also includes internal battery and ground connection status checks

Configuration:

6,3 mm mono jack (TS) to 6,3 mm mono jack
1 sleeve to 1 sleeve, 3 ring
2 tip to 2 tip
3 ring to 1 sleeve, 3 ring (shorted with sleeve)

6,3 mm jack (TRS) to 6,3 mm jack (TRS)
1 sleeve to 1 sleeve
2 tip to 2 tip
3 ring to 3 ring

XLR balanced to XLR balanced
pin 1 to pin 1
pin 2 to pin 2
pin 3 to pin 3

XLR unbalanced to XLR unbalanced
pin 1 to pin 1, pin 3
pin 2 to pin 2
pin 3 to pin 1, pin 3

6,3 mm mono jack (TS) to XLR unbalanced
1 sleeve to pin 1, pin 3
2 tip to pin 2
3 ring to pin 1, pin 3 (shorted with sleeve)

6,3 mm jack (TRS) to XLR balanced
1 sleeve to pin 1
2 tip to pin 2
3 ring to pin 3

Cable test:

At first, turn the rotary switch fully clockwise to test the battery strength. The battery LED will light bright green if the internal battery is fully charged.

Then plug one end of the cable into the appropriate jack on the left side panel of the cable tester. Plug the other end of the cable into the appropriate jack on the right side panel. Set the rotary switch to **“1”** to test the connection of contact 1 on the plug inserted into the left side panel.

If there is a connection, the Green LED will light below **“1”** and a Yellow LED will light above each contact on the right side plug connected to “1” on the left side plug. Use the charts below to verify proper cable connections.

If no LED lights then there is no connection and the left side contact “1” is “floating” due to design or an “open” in the cable. Set the rotary switch to **“2”** to test contact 2, and so on, until all contacts have been checked.

If the Ground LED lights then there is a connection between the corresponding contacts and the chassis.

To test the cable with a banana plug, just plug each end of the cable into the banana jacks. The LED will light and the unit will beep a tone if there is a connection between the plugs. These banana jacks can also be used for continuity tests using two probe leads.

Plug configuration:

jack	Speakon		Phono (chinch)
1 = sleeve	1= -1	5= -3	1= screen
2 = tip	2= +1	6= +3	2= hot
3 = ring	3= -2	7= -4	
	4= +2	8= +4	