

TENMA®



Cable Tester

Model: 72-9966

IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before use and retain for future reference. Failure to read the instruction manual or comply with warnings and references within can result in damage to the instrument.

WARNING

- This cable tester cannot test any live cable.
- Failure to comply with the above may lead to permanent damage to this tester.
- Never dispose of old batteries in a fire or attempt to recharge ordinary batteries.
- Remove batteries if the tester will not be used for a long time or if they are dead.
- Never dispose of batteries in a fire, or attempt to recharge ordinary batteries.
- Before replacing the battery, disconnect any connected cables.

WHAT'S INCLUDED

- Cable tester
- User manual

FUNCTIONS

- Enables quick convenient continuity testing for all types of cables.
- LED's confirm each conductor continuity and connection.
- 9 way rotary switch used for selecting connections to be tested.
- Included internal battery test function and ground connection status.
- Rugged construction for reliability and long life.
- Tests cables with all type of connectors as follows:-

Model Identifier	A	C	D	72-9966	F	K
3.5mm jack	✓	✓	✓	✓	✓	✓
6.3mm jack	✓	✓	✓	✓	✓	✓
3 pin XLR	✓	✓	✓	✓	✓	✓
5 pin XLR	✓	✓	✓	✓	✓	✓
RCA Phono	✓	✓	✓	✓	✓	✓
3 pin DIN	✓	✓	✓	✓	✓	✓
5 pin DIN	✓	✓	✓	✓	✓	✓
7 pin DIN	✓	✓	✓	✓	✓	✓
8 pin DIN	✓	✓	✓	✓	✓	✓
4 pin S type jack	✓	✓	✓	✓	✓	✓
4 pin Speakon	✓	✓	✓	✓	✓	✓
8 pin Speakon	✓	✓	✓	✓		
RJ45		✓	✓	✓	✓	✓
USB		✓	✓	✓	✓	✓
Micro USB						✓
HDMI						✓
Power Connector					✓	✓
Banana	✓	✓	✓	✓	✓	✓

OPERATION

Battery self test

- Turn the rotary switch fully clockwise to select the battery check. If the green LED lights brightly if the battery is charged.
- Connect one end of the cable to be tested into the relevant socket on the left side of the tester and the other end of the cable into the socket on the right side.
- Set the rotary switch to 1 and if there is a wire with a good connection to that pin on the left side the green LED below the number 1 will light, and if the yellow LED above lights there is a good connection on the right side.
- If no LED lights there is no wire connected to that pin in the plug on that side.
- Set the rotary switch to 2 to test pin 2 and so on until all pins have been checked.
- If the GND red LED lights there is a connection between the pin being tested and the shell of the plug (ground).
- To test a lead with banana plugs, connect each end into the red and black marked banana jacks below the rotary switch. A tone sound if there is a good connection.
- Using two separate cables as probes, this function can be used as a continuity tester.

TRS Jack	Speakon (4p/8p)		Phono (RCA)
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	

1/4" TS Mono to 1.4" Mono

1 Sleeve	1 Sleeve, 3 Ring
2 Tip	2 Tip
3 Ring	1 Sleeve, 3 Ring Shorted with sleeve

1/4" TRS to 1.4" TRS

1 Sleeve	1 Sleeve
2 Tip	2 Tip
3 Ring	3 Ring

XLR Balanced to XLR Balanced

Pin 1	Pin 1
Pin 2	Pin 2
Pin 3	Pin 3

XLR Unbalanced to XLR Unbalanced

Pin 1	Pin 1, Pin 3
Pin 2	Pin 2
Pin 3	Pin 1, Pin 3

1/4" TS Mono to XLR Unbalanced

1 Sleeve	Pin 1, Pin 3
2 Tip	Pin 2
3 Ring	Pin 1, Pin 3 Shorted with sleeve

1/4" TRS to XLR Balanced

1 Sleeve	Pin 1
2 Tip	Pin 2
3 Ring	Pin 3

CLEANING

- Clean the tester with a clean, soft cloth.
- Do not use any chemicals, abrasives or solvents that could damage the tester.

BATTERY REPLACEMENT

- Disconnect any leads from the meter before opening the battery cover.
- Insert a flat blade in the slot at the base of the battery tray and lift it slightly to disengage the latch then pull the tray out.
- Replace with a new 9V battery making sure the polarity matches the markings inside the tray, then slide the tray fully home and press it down to engage the latch.

SPECIFICATIONS

Power supply	DC 9V NEDA1604 / 6F22 / PP9 battery or equivalent alkaline or heavy duty
Dimensions HxWxD	190 x 115 x 55mm
Weight	Approx 840g (inc battery)



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT

These symbols indicate that separate collection of Waste Electrical and Electronic Equipment (WEEE) or waste batteries is required. Do not dispose of these items with general household waste. Separate for the treatment, recovery and recycling of the materials used. Waste batteries can be returned to any waste battery recycling point which are provided by most battery retailers. Contact your local authority for details of the battery and WEEE recycling schemes available in your area.

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Man Rev 1.1