

# ProTester™



## Compact DMX signal and cable tester

### Construction:

- Anodized aluminum housing with engraved legend.
- Bright, white LED flashlight.
- 5-pin male and female XLR connectors.

### Battery saver functions:

- Powers off automatically in 120 seconds.
- Remembers last used mode when powered on.
- When testing DMX, ProTester can be powered by the DMX signal.

**Note:** Unscrew female XLR connector to access batteries. Remove shipping insulator before first use

### Specifications:

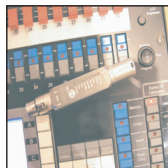
- Dimensions: 22 x 130 mm
- Weight: 0.12 Kg
- Battery: LR44 x 3 pcs (included)

### ProTester tests DMX signal or cable:

- Nine diagnostic indicator LEDs.
- Displays presence and polarity of DMX data, in isolation or while in use.
- Leather belt holster included.



Includes belt holster for easy access.



Test DMX signals.



Connect one XLR to test signal.



High intensity white LED flashlight.



Insert at output connector to test DMX512.



Connect both XLRs to test cable.



When testing DMX ProTester can be powered by the DMX signal.



Instructions on other side.

### Press ON button Once - (Flashlight Mode)

LEDs Scan RED then extinguish.

White LED Flashlight emits from male connector.

**Note:** Flashlight turns off after 120 seconds.

SHELL/BATT LED ON signifies low battery.

**Note:** Low battery affects test results.

### Press ON button Twice - (DMX512 Test Mode)

Red LEDs Scan then stop at DMX512 LED.

Flashing RED DMX512 LED (Standby Mode):

No connected cable, or if cable is connected -

No DMX signal.

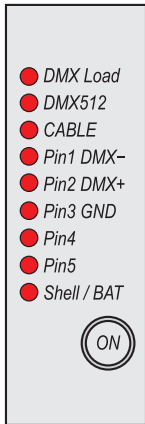
Flashing GREEN DMX512 LED:

DMX512 signal present.

Alternating RED/GREEN DMX512 LED:

DMX512 command data present.

**Note:** Upon disconnection, Red LEDs Scan, unit returns to DMX512 Standby Mode with DMX512 LED flashing RED.



### Press ON button Three Times (Cable Test Mode)

LEDs Scan then stop at CABLE LED.

Upon cable connection/disconnection, Red LEDs Scan.

CABLE LED flashing RED (Standby Mode):

No connected cable, or only one end connected.

CABLE LED flashing RED with accompanying PIN and/or SHELL LED(s) RED:

Cable Defective: Miswire or Short.

CABLE LED flashing RED with Pin 2 and 3 LEDs RED:  
Pin 2 & 3 Polarity Reversed.

CABLE LED flashes GREEN:  
Good Cable.

### Press ON button Four Times (Power Down)

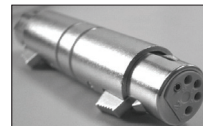
LEDs Scan and then extinguish.

### Protester V.II End to End Cable Test

(test installed but un-energized DMX cable)

Place one V.II ProTester at female end of test cable (connecting to the ProTester male connector).

Place another V.II Protester at the alternate end of test cable using a female to female adapter connecting to ProTester's male connector.



### Press Three times to enter Cable Test.

LEDs (on both units) Scan then stop at CABLE LED.

Upon Cable Connection/Disconnection  
Red LEDs Scan (on both units).

CABLE LED flashing RED (Standby Mode)

No connected cable or, Only one end of cable connected

CABLE LED flashing RED with addition all PIN and or SHELL LEDs RED

Cable Defective: Mis-Wiring or Short

CABLE LED flashing RED with Pin 2 and 3 LEDs RED  
Pin 2 & 3 Polarity Reversed

CABLE LED flashes GREEN (on both units)  
Good Cable



527 Park Avenue  
San Fernando, CA 91340  
+1 818.899.8818  
www.tmb.com