



PCT60 Pro Cable Tester



Congratulations!

The PCT60 accepts a wide range of cable types used in variety of A/V applications such as XLR (3 and 5-pin), 1/4" and 1/8" TS, TRS, and TT plugs as well as RCA, MIDI, Speakon (8-P, 4-P), Din 4-P, RJ45, and USB. Choose to either test continuity or send out test tones. Output level is adjustable between +4dBu pro line level, -10dBV consumer line level, and -50 mic level. The PCT60 can check for continuity, intermittency, phantom power, and the presence of grounded shields. The unit runs off two AA 1.5V batteries makinWWg it easy to carry around whether working in the field or at home.

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Installing the battery

- 1. Locate the small screw for the battery cover plate on the back of the unit**
- 2. Using a small Phillips head screwdriver, rotate the small screw counter clockwise.**
- 3. Remove the plate.**
- 4. Insert the two AA batteries with the correct polarity.**
- 5. Reattach battery cover plate, insert screw and turn clockwise to tighten.**

Testing cables

- 1. Move the On switch to Cable Tester.**
- 2. To test pins 1-3, you may adjust the Switch 1-3 selector to SW1. For cables with more than three pins, you may adjust the selector to SW2 for pins 4-6 and SW3 for pins 7-8.**
- 3. Insert one end of the cable into one of the various inputs.**
- 4. Insert the other end of the cable into one of the various outputs.**
- 5. If the Grounded Shield LED lights up, this indicates that the XLR out shield has been connected to pin1/sleeve.**
- 6. Once the cable has been connected to both an input and output, the LED grid will light up to show which pins are connected.**
- 7. Each LED shows which input pins are connected to each output pin. The Input pins are represented vertically while the output pins are represented horizontally.**

Ex. The LED in the top right hand corner shows that Pin1/Sleeve on the input is going to Pin1/Sleeve on the output side.

- 8. For cables with more than three pins, you may adjust the Switch 1-3 selector to SW2 for pins 4-6 and SW3 for pins 7-8.**

Intermittent Connections

To test for broken connections

- 1. While in test mode with a cable plugged into both an In and Out, press the reset button to clear the Intermittent LED's.**
- 2. Next, move the suspected cable end around vigorously while plugged in.**
- 3. If there are any shorted, loose, or broken connections, one of the Intermittent LED's will light up showing where the break is taking place.**
- 4. Press Reset to clear the LED's to continue or try again.**

Installed Cable Mode

To test the integrity of a fixed cable or one in which both ends are unable to be connected.

- 1. To enter Installed Cable Mode, Press and hold the Reset button while Switching from off to Cable Tester. The On LED light will on and off to indicate that you are in Installed Cable Tester Mode.**
- 2. Insert a cable into the one of the outputs.**
- 3. The LED grid will now show any short circuits, if any by indicating which out pins are connected. If there are no LED's lit, then there are not short circuits in the cable.**

To test for continuity in Installed Cable Mode

- 1. With the Installed cable plugged into the output of the cable tester, attach a shorting jack to the other end of the cable, or connect the ends.**
- 2. If the integrity of the cable is intact, the short circuit should show up on the cable tester. If it does not, then there is a break in the cable.**

Test Tone Mode

- 1. To send out a test tone, select Test Tone Mode.**
- 2. Plug the cable into one of the Cable Out's.**
- 3. Press the Reset button to toggle between a 1kHz and 440Hz tone.**
- 4. You can adjust the signal strength to the appropriate level for testing by adjusting the Test Tone Level selector between -50 (Mic level), -10dBV (Consumer Line Level), and +4dBu (Pro Line Level).**

Phantom Power Detection

While in Test Tone mode, pin2/Tip and Pin3/Ring LED's will light up if Phantom Power DC voltage of approximately 9V+ is detected.

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