SZ-CT10

SubZero Cable Tester

USER MANUAL

INTRODUCTION
Thank you for purchasing the SubZero Cable Tester.
To help you get the most out of your new product, please read this manual carefully.

MAIN FEATURES
Tests XLR, Jack/TRS, Cinch, Speakon and MIDI/DIN Cables
Optical Display and Buzzer
Rugged and Durable Metal Housing
Ideal for Stage or Studio

INSTRUCTIONS
The SubZero Cable Tester enables you to test a wide range of cable and connector types.

With the SZ-CT10 you can check the following connectors:

- ¼" Jack
- DIN Connector
- RCA (Phono, RCA)
- XLR (M/F)
- Speakon

With the included test probes, you can check almost all cables and connectors.

INSTALLING THE BATTERY
To begin, insert a 9v battery in the battery compartment of the cable tester. This compartment is located on the front side. To Open, press the drawer of the tray upwards and pull it out. If necessary, a flat screwdriver can be used to pry the drawer out of the tray.

CHECKING THE BATTERY
Set the rotary switch of the cable tester all the way to the right, to the "battery check" position. Then, a green LED next to the "Battery Check" label will light up. If this LED lights up strongly, then the battery has sufficient power. If the LED only lights dimly, then the battery is low and may need to be replaced shortly.

LED DISPLAY
The following list shows how the connections of the various connectors on the cable tester will be displayed:

TRS JACK (6.35MM Stereo Jack)
LED 1: Sleeve
LED 2: TIP
LED 3: Ring
LED 4:
LED 5:

PHONO (RCA CONNECTOR)
LED 1: Screen
LED 2: Hot
LED 3:
LED 4:
LED 5:

SPEAKON
LED 1: -1
LED 2: +1
LED 3: -2
LED 4: +2
LED 5:

DIN-CONNECTOR
LED 1: Pin 1
LED 2: Pin 2
LED 3: Pin 3
LED 4: Pin 4
LED 5: Pin 5

XLR
LED 1: Pin 1
LED 2: Pin 2
LED 3: Pin 3
LED 4:
LED 5:

GROUND LED

The 'Ground' LED lights up when a pin is connected to the housing of the plug or to the connected device.

THE USE OF TEST PROBES

With the test probes, you can verify a connection manually. Position the test probes at the ends of the cable that will be checked. In the case of a positive connection, a beep will sound and the LED located between the banana connectors of the test probes will light up.

TESTING PROCESS

With a normal balanced XLR cable, the pins of the respective XLR connectors are connected to each other 1 to 1.

Connect both ends of the XLR cable to the cable tester and set the rotary switch to position 1. With an intact cable, both the top (orange) as well as the lower (green) LEDs will light up. This means that pin 1 of the XLR in the left socket is connected to pin 1 of the XLR connector in the right socket.

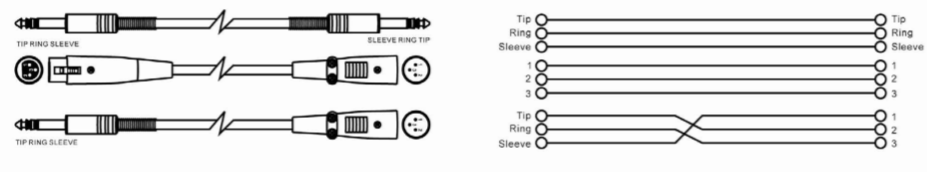
Turn on to the positions 2 and 3 - in both cases the two corresponding LEDs should light up one above the other. In the case of a defective cable where for example, pin1 of the XLR connector in the left socket is not connected, none of the LEDs will light up (switch in position

1). In the event of a short circuit with another pin, the first LED in the top row will light up and either the second, third or both LEDs in the second row will light up.

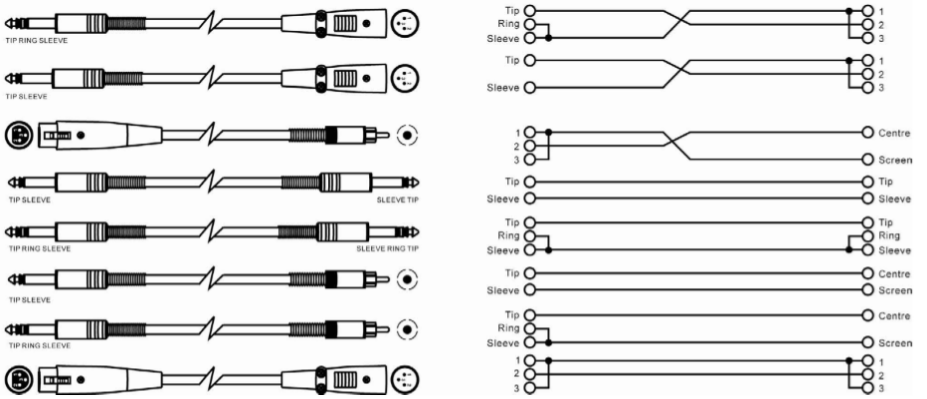
You can also check, for example, a combined cable such as an XLR on the ¼" jack. To connect the cable: one end to the left side of the cable tester and the other end to the right-hand side. Now, turn the rotary switch through the various positions and check the connections.

To evaluate the test results, it is necessary to know how the pins are connected to each other. You can use the below figure:

BALANCED



UNBALANCED



If you have any more questions about this product, please do not hesitate to contact the Gear4music Customer Service Team on
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