JONARDTOOLS®

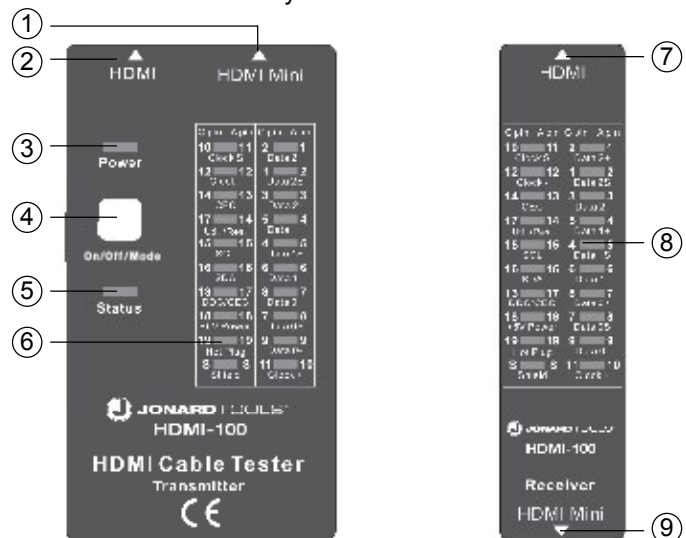# HDMI Cable Tester (HDMI-100) - User Manual

IMPORTANT SAFEGUARDS:
• Read everything in this manual before using your HDMI-100 Cable Tester.
• When the low voltage indication appears, the 9V battery will need to be replaced. (Note: Power input to this device cannot exceed 12VDC).
• If you do not use this tester for a long period of time, remove the battery to prevent potential leakage.
• Meets the European Union CE standards: EN61326-1:2013; EN61326-2-2:2013.

I. Function Overview:
The HDMI-100 is a professional piece of test equipment for testing 1.2V/ 1.3V/1.4V/2.0V HDMI cables. It can quickly scan and test up to 19 wires and inform you if any connections are short circuits, open circuits, or are in the wrong order.
1. Test modes: a) Fast scan mode b) Full display mode.
2. HDMI and Mini HDMI cable can be used with this device. See below for the configurations:
    a. Both ends are standard HDMI connectors (Type A- Type A)
    b. Both ends are HDMI Mini connectors (Type C - Type C)
    c. One end is HDMI, other end is HDMI Mini connector (Type A- Type C)
3. Low Battery Indicator: When the battery voltage is lower than 7.2V, the blue light flashes, prompting you to replace the battery.
4. Auto Shut Down: After 10 minutes without being used, the device will automatically shut down.

1. Transmitter HDMI Mini (Type C) Interface
2. Transmitter HDMI Standard (Type A) Interface
3. Transmitter Power Indicator
4. Transmitter On/Off/Mode Button
5. Transmitter Analog Status Indicator
6. Transmitter Alignment Indicator
7. Receiver HDMI Standard (Type A) Interface
8. Receiver Alignment Indicator
9. Receiver HDMI Mini (Type C) Interface

II. How To Use:
1. Install the 9V battery by opening the battery compartment using a small Philips head screwdriver.
2. Press the On/Off/Mode button for 0.5 seconds to power on the unit. The Power LED should illuminate a solid blue, and the Status LED should be blinking red.
3. Insert one end of the HDMI or Mini HDMI cable into the Transmitter and the other end into the Receiver.
4. Short press the On/Off/Mode button to switch between scan and full display modes. The Status LED will be solid red for full display mode.
    a. Scan mode should be used for specific defect detection.
    b. Full display mode should be used for quick alignment detection.
5. Hold the On/Off/Mode button for 2 seconds to power off the unit. *It will also automatically turn off after 10 minutes.*

III. How To Evaluate Results:
1. If the cable is error free:
    a. Scan Mode: Each LED will synchronize one by one from 1 to 19.
    b. Full Display Mode: The LED indicators of the transmitter and receiver will all illuminate.
2. If a short circuit is detected: The corresponding indicator of the transmitter will illuminate, and the corresponding indicator of the Receiver will not illuminate.
3. If an open circuit is detected: Both the corresponding indicator of the transmitter and receiver will not illuminate.
4. If two or more lines are crossing, in wrong sequence or order: Both corresponding indicators of the transmitter and receiver will illuminate, but they will not be synchronized.
5. The Shield LED indicates if the cable being tested has shielding or not. If the Shielded LED illuminates, the cable being tested is shielded. If it's flickering, the shielding may be damaged. If the LED does not illuminate, the cable does not have shielding.

IV. Maintenance and Cleaning
1. Clean the HDMI-100 as needed using a soft dry cloth.
2. Do not use cleaning agents or chemicals to clean the surface and avoid moisture when possible.