

HDMI 2.1 Cable Tester



CT-1860 (Cable Tester)

CT-1860-HDMI (HDMI Checker)



By connecting the HDMI cable in a loop, CT-1860 checks the transmission characteristics at the physical layer easily.

Pass/fail judgment is done by comparing the characteristics with the master cable or by the standard value set by the user. This product is useful for the development and production lines of HDMI cables.

The frequency characteristics are displayed on the front screen of the CT-1860. CT-1860-HDMI alone can be used for simple judgement.

Features

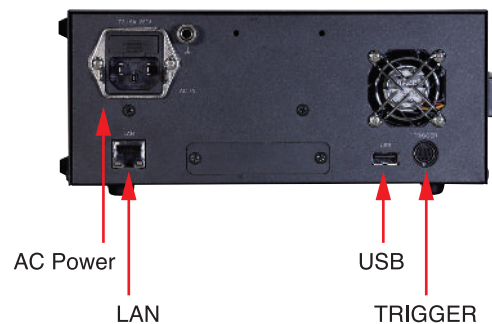
- Evaluation of transmission characteristics for each TMDS line.
- Output amplitude can be changed by user.
- Broad bandwidth measurement of 100MHz-15GHz. (HDMI 2.1 FRL 48Gbps can be tested.)
- The specified frequency is marked at 4 positions, and the measured value can be easily confirmed.
- Wiring check and voltage display of control lines (DDC/HPD/CEC).
- Measurement of current consumption value of +5V line.
- Operation via PC application.
- Graphical display of frequency characteristics.
- Measurement results saved in CSV and BMP files.
- Pass/fail judgment with CT-1860-HDMI alone.
- Calibration kit (Optional)

Cable Tester (CT-1860)

Front



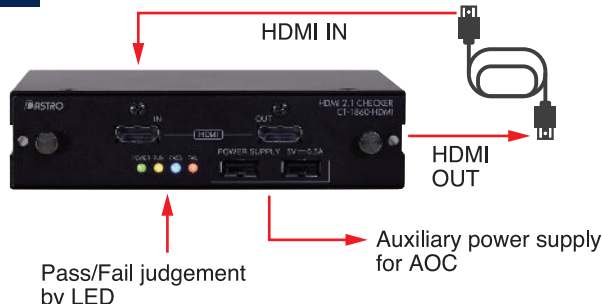
Rear



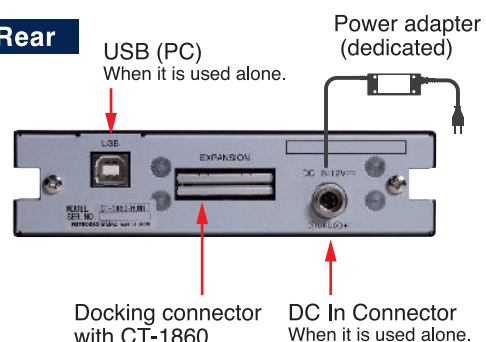
CT-1860 does not work alone. (It needs CT-1860-HDMI to be inserted.)

HDMI Checker (CT-1860-HDMI)

Front

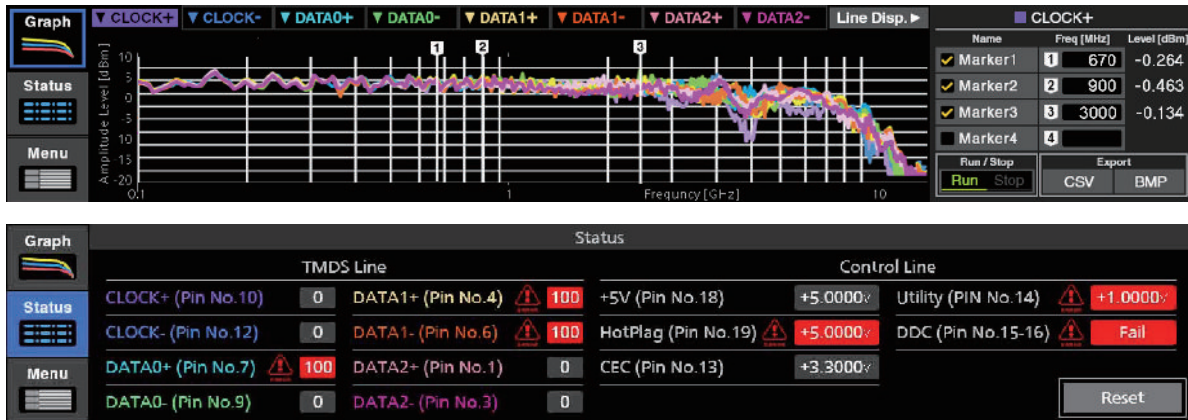


Rear



CT-1860 Front Display

You can switch the screen to check the settings, frequency characteristics, TMD5 line, and control lines.



PC Application

You can check the frequency characteristics, TMD5 line, and control lines on one screen.



When measuring the master cable



When measuring test cable

General Specifications

CT-1860 (Cable Tester)

Power Requirements	AC 100V-240V (50/60Hz)
Power Consumption	47W MAX
Dimensions	210 (W) × 88 (H) × 235 (D) mm (Excluding Protrusions)
Weight	Approx. 2.1kg (without CT-1860-HDMI)
External Control	LAN, TRIGGER

CT-1860-HDMI (HDMI Checker)

Power Requirements	DC +12V (dedicated DC adapter)
Power Consumption	18W MAX
Dimensions	132.8 (W) × 35mm (H) × 132.8 (D) mm (Excluding Protrusions)
Weight	Approx. 0.5kg
External Control	USB (available when CT-1860-HDMI is used alone.)

Common

Operating Temperature Range	+5 to 40°C
Operating Humidity Range	20 to 80%RH (No Condensation)