

VA-1809A

Inspects and measures digital AV equipment HDMI.

VA-1809A is a protocol analyzer used to inspect/measure various HDMI (High-Definition Multimedia Interface) signal functions to meet interface standards for digital AV equipment. It visually confirms operation status for each HDMI input picture signal function. This has been designed to meet the needs of various applications like; HDMI repeater, receiver function, CEC command control, remote control, etc. This unit provides the best mobility and efficiency for developing, experimenting and maintaining with digital AV equipment having an HDMI interface.

Features

- Main functions
 - Indicates input video timing
 - Indicates input Info Frame
 - Indicates Channel Status Bit
 - Indicates actual measured audio value
 - Indicates HDCP authorization status
 - Indicates input image
 - CEC simulation function (optional)
- Supports HDMI Ver. 1.3a
Supports Deep Color (10/12bit) and displays by switching upper bits and lower bits.
- 12S audio output (optional)
- Input video image and overlay display
This product allows the indication of various input HDMI signal info overlaying the actual input video image.
- Separation function for video images and audio
Supports HDMI signal output divided into separate video and audio signals.
- Change function for EDID data
It is possible to change input EDID data.
- Highly bright wide field of vision display
A highly bright 6.4-inch wide field of vision TFT liquid crystal monitor is employed for display area.
- External monitor output
Supports converted VGA signal output of HDMI signal. This product allows image confirmation with an external PC monitor.



specifications

HDMI Input/Output	Dot clock frequency	25 to 165MHz (transmission rate 225MHz)
	Color space	RGB/YCbCr4:4:4 8bit , YCbCr4:2:2 8, 10, 12bit
	Audio sampling frequency	32 to 768KHz (8ch MAX)
	Signal type	TMDS
	HDMI	Ver.1.3a
	HDCP	Ver. 1.1
	CEC	Ver. 1.2a (optional)
	Repeater function	Available
	DDC	Enhanced DDC (DDC 2B)
	E-EDID	Ver. 1.3
	CEA EDID Timing Extension	Ver. 3.0
	Optional audio output	I2S×4ch (TTL3.3V)
	Monitor	Digital audio
VGA		D-sub 15Pin
Audio		Internal speaker (2ch) (Linear PCM 2ch only)
Information display mode		Video timing display mode
		Info frame packet display mode
		Channel status display mode
		Input video display mode
		DDC Line monitoring mode
		HDCP authentication display mode
		CEC Command display mode
Input setup	Input type	DVI or HDMI
	Repeater function	Available for Repeater or no using
Storage media	PC card (ATA conformed)	Compact Flash memory with adapter
External interface		Ethernet 10/100 BASE-T/TX, RS-232C, Remote connector
General specifications	Voltage	AC100 to 120V/AC200 to 240V 50/60Hz
	Power consumption	Max. 60W
	Operating temperature range	5 to 40°C
	Operating humidity range	30 to 80%RH (no condensation)
	Dimensions	210(W) × 133(H) × 364(D)mm (excluding projected parts)
	Weight	Approx. 5.0kg

Rear View VA-1809A

