

MSHG-800PLUS

HDMI Signal Generator



Product Summary

MSHG-800PLUS is an HDMI test instrument featuring four HDMI 2.0 & HDCP 2.2 ports and one switchable port supporting either HDMI 1.4 or MHL 2.0. It is designed to provide comprehensive testing and verification for various HDMI and MHL-enabled devices.

Key Features

- HDMI 2.0Ver(HDCP 2.2Ver) supports 4Ports
- HDMI 1.4Ver(HDCP 1.4Ver) & MHL 2.0Ver supports 1Port
- 4 Ports ARC function supports
- RS-232C Control supports
- Each outputs status with front LED button
- Button locking function
- Easy upgrade/update to USB memory stick

<Each port fun>

	1Port	2Port	3Port	4Port	5Port
HDMI	2.0	2.0	2.0	2.0	1.4
HDCP	2.2	2.2	2.2	2.2	1.4
MHL	X	X	X	X	2.0
ARC	Support	Support	Support	Support	X

Specifications

HDMI& MHL Video Output	Compliant	HDMI Ver. 2.0 & 1.4 (CEC Support)
	Pixel Rate Range	HDMI 2.0 & HDCP 2.2 / 4Port : 25Mhz ~ 600Mhz HDMI 1.4 & MHL 2.0 / 1Port ->HDMI 1.4 & HDCP 1.4 / 1Port : 25Mhz ~ 300Mhz ->MHL 2.0 & HDCP 1.4 / 1Port : 25Mhz ~ 165Mhz
	HDMI Timing	CEA-861F
	HDCP	HDCP Ver. 2.2 & 1.4
	Color Format	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:4:2, YCbCr 4:2:0
	Bits Per Component	Deep Color 8bit, 10bit, 12bit (except to HDMI 2.0)
	Color Space	RGB, ITU-R BT.601, ITU-R BT.709, xvYCC
	MHL Select	MHL 2.0
	ARC Select	ARC(Audio Return Channel) supports
HDMI Audio Output	Number of Channel	7.1 Channel
	Sample Rate	32 / 44.1 / 48 / 88.2 / 96 / 176.4 / 192KHz
	Waveform	Sine Wave
	Frequency Range	20Hz ~ 20KHz
	Frequency Resolution	5Hz / Step
	Level Range	0mV to 2.0V / 100mV step
	Special Control Mode	Fix, Sweep, Swap, Mute, Audio Return Channel(Stereo L,R)
Data Storage	Timing	User Timing 1~500, Default Timing 501~9
	Pattern	User Timing 1~500, Default Timing 501~999 (Do not supports to BMP)
General Spec.	Power Consumption	AC 100~240VAC, 50/60Hz Auto Switch
	Operating Conditions	*Temperature : 0~40℃ *80% Humidity, Non-condensing
	Dimension(WxDxH) & Weight	425 X 276 X 65(77 stand included) / 4.12Kg