MODEL A222907

Key Features

■ One HDMI Source to connect up to 4 displays

■ Support Full-HD 1080P resolution

■ Compliant with HDMI V1.3

■ Compliant HDCP V1.2

■ HDCP Key sets allows each output independently

■ Control by Smart I/O interface

■ DDCIIB Plug & Play Function

■ Distributor / Multiplexer Mode selection

■ ESD protection

■ Low cost

HDMI DISTRIBUTOR MODEL A222907

Chroma A222907 HDMI Distributor has HDMI signal output interface that can work with the Video Pattern Generator of Chroma to perform extended tests for HDMI signals.

This distributor has 1-In/4-Out HDMI ports that comply with the HDMI 1.3 standards to support the tests for the newest HDMI 1.3 functions.

In addition, Chroma A222907 is equipped with Distributor and Multiplexer modes that each output port can set the HDCP/EDID to be enabled or disabled concurrently or separately to facilitate the user's tests greatly.

Supporting most of CEC features which are used to communicate with HDMI network. Chroma A222907 can also output 4 CEC commands simultaneously to reduce user's test time. Depends on the showing response message from A222907 on the screen, users can verify the CEC function immediately.

In order to comply with the multi-port input design of digital FPD industry, this distributor adopts external connection with handy compact size to ease the use in variety of production lines and R&D labs.

Chroma A222907 has dynamic message function which can display HDCP key data and EDID content of TV and help users to check the data correctness.

This distributor is applicable for the Signal Generators with Smart I/O manufactured by Chroma to extend and expand the HDMI signals for various applications such as the long distance transmission of serial production line or parallel usage in demonstration room and etc. In the meantime, its special output design can be used to protect the back-end of a signal generator.

HDMI Distributor Application 1 for single unit
One A222907 has 4 outputs to test all of the HDMI ports (maximum 4) on the display directly.

HDMI Distributor Application 2 for single unit
One A222907 can output signals to 4 displays to test the EDID & HDCP functions and interpret the data separately or concurrently.

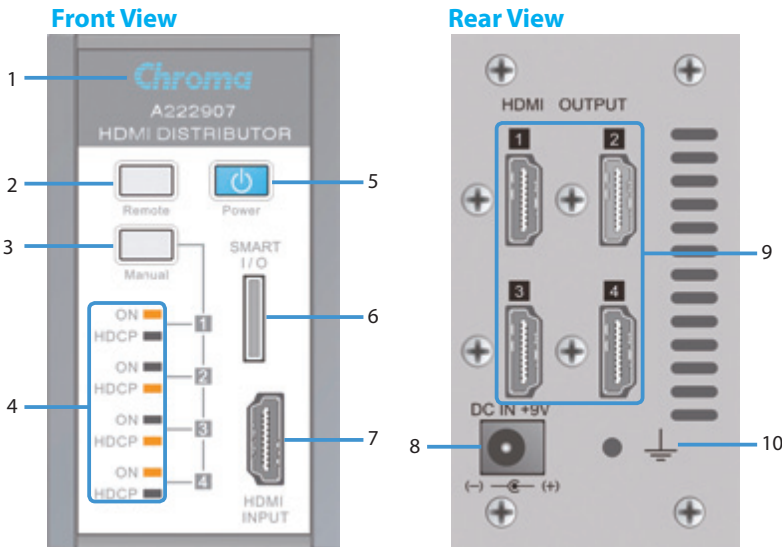**HDMI Distributor Application 3 for multiple units**
Multiple A222907 can be connected in series to test even more displays for the series-parallel application of multiple devices.

HDMI Distributor Application 4 for CEC feature
One A222907 can output features to 4 different displays to test CEC function of TV independently.

Front View

Rear View

1. Logo and Power Indicator

2. Remote Switch

3. Manual Switch

4. HDMI Output Status Indicators

5. Power Switch

6. VPG SMART I/O Port

7. HDMI Input Port

8. DC Input: DC 9V Input

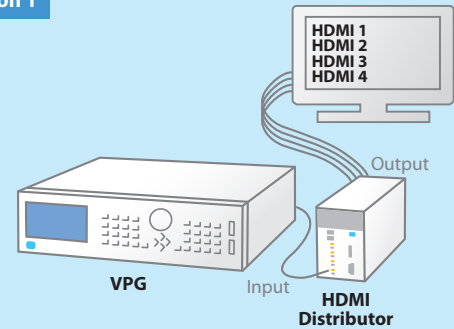9. HDMI Output Ports

10. Grounding Screw

SPECIFICATIONS

OUTPUT		
Signal Format		TMDS signal Link
Video Signal	Pixel Rate	25 to 165 MHz (TMDS CLK : 225MHz)
	Color Space	RGB, ITU-601, ITU-709, xvYcc
Audio Signal	Sampling Frequency	32 to 192 KHz
	Number of Channels	8 Channel
ESD / Surge protect (IEC 61000-4-2 Level 4 Regulation)		Contact 8KV / Air 15 KV

HDMI / HDCP	
HDMI Version	Version 1.3a
HDCP Version	Version 1.2
DDC	DDC2B compliant
E-EDID	Version1.3

CONNECTOR	
Input Signal Source from Chroma VPG Series	Equipped with Smart I/O port in 22xx / 23xx Series
HDMI	HDMI 19 Pin x5
Smart I/O	3 In 3 Out x1

CEC	
Support Feature	ONE TOUCH PLAY
	SYSTEM STANDBY
	OSD DISPLAY
	SET OSD NAME
	GIVE POWER STATUS
	AUDIO CONTROL

FRONT CONTROL MODE	
Remote Mode	Control by VPG or Manual
Manual Mode	Output ON / OFF, or selection

OTHER		
User Interface		Smart I/O
DC Input		9V/2A (With Chroma adapter only)
Temperature	Operation	+5~+40 deg.C
	Storage	-20~+60 deg.C
Humidity		20~90%

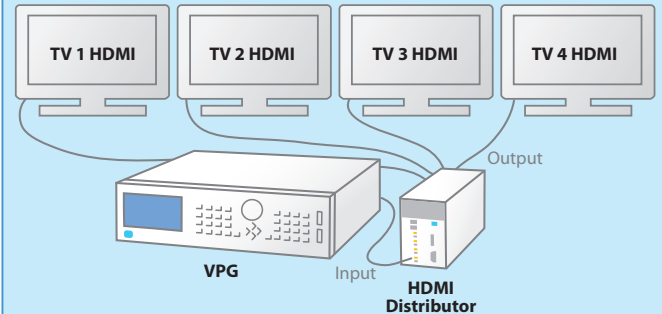| DIMENSION & WEIGHT	
A222907 (H x W x D)	88 x 45 x 200 mm / 3.46 x 1.77 x 7.87 inch 750g / 1.65lbs

* All specifications are subject to change without notice.
* All other brand and logo are trademarks or registered trademarks of their respective holders.
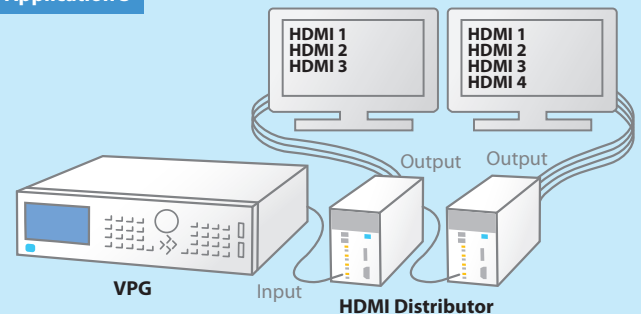
HDMI DISTRIBUTOR APPLICATIONS

Application 1

Application 2

Application 3