

Video Signal Box

MODEL A222704

Key Features :

- Analog RGB D-SUB Connector
- Y/Pb/Pr RCA Connector
- D-Terminal (SDTV / HDTV)
- SCART Connector
- CVBS Composite
- S-Video Y/C separation
- Analog Audio (R / L)
- Can be control by 22/23 Series
- Output protection



VIDEO SIGNAL BOX MODEL A222704

Chroma A222704 Video Signal Box provides the standard video / audio interface of today's TV / HDTV / SDTV / Monitor / PDP / Projector application. In order to meet the standard test signal requirements of various panels, this device combined with the Chroma 2229/2329/22291/23291 Video Pattern Generator to expand interfaces, such as RGB/D-Sub, YPbPr/RCA, S-Video, D-Terminal/D1-D5, SCART and CVBS connector in Multi-media instrument testing.

The output terminal of A222704 includes the following signals:

- (1) **SCART** : Support Euro- type TV connector - signals include TV Composite and RGB output and control voltage.
- (2) **R1,L1 & R2,L2** : Analog Audio Right / Left output.
- (3) **CVBS** : A Composite connector for TV output.
- (4) **S-Video** : For Y/C (Luminance/Chrominance) Video separate signals.

(5) **RCA1 & RCA2** : Two groups that can support HDTV/SDTV color difference signal or RCA connector of RGB.

(6) **D-Terminal** : A HDTV signal D-Terminal connector that supports D1-D5 ; its signals include color difference signal YPbPr and control voltage.

(7) **D-Sub15 ANALOG RGB** : supports a 15-Pin D-type Connector that has an Analog RGB.

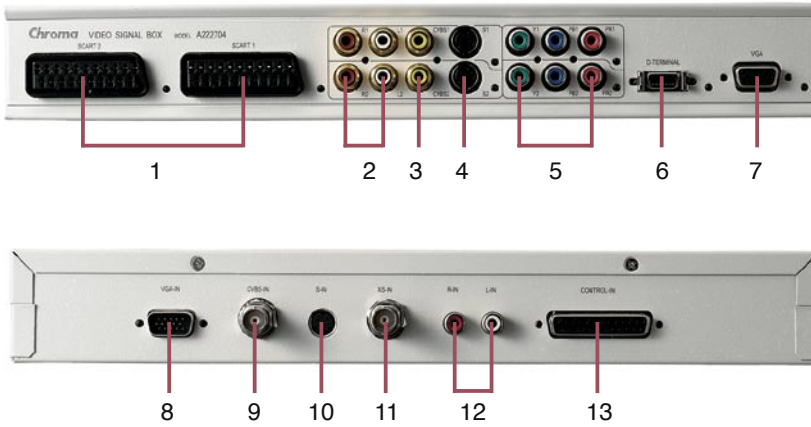
In addition, the A222704 can control and process output signal formats and output interface via the VPG's various video output signals and special I/O control signals. Users can utilize the software application, VPG PLUS, either on PC or on the Video Pattern Generator itself to edit various timing parameters, patterns and test procedures. Its complete test functions can fully meet the requirements for R&D, production test and quality assurance in all video related industries.



Chroma



PANEL DESCRIPTION



1. SCART OUTPUT - SCART 1 / SCART 2
2. AUDIO OUTPUT - R1 , L1 / R2 , L2
3. CVBS OUTPUT - CVBS1 / CVBS2
4. S-VIDEO OUTPUT - S1 / S2
5. RCA Y/Pb/Pr OUTPUT - Y1/Pb1/Pr1, Y2/Pb2/Pr2
6. D-TERMINAL OUTPUT
7. RGB OUTPUT - D-SUB
8. VGA - INPUT
9. CVBS - INPUT
10. S-VIDEO - INPUT
11. XS - INPUT
12. AUDIO R / L - INPUT
13. CONTROL PORT INPUT

SPECIFICATIONS

Model			
Model Name	A222704		
Input Signal Types			
Special I/O Input	Control Signal Input		
D-SUB Input	Analog Video Signal Input		
BNC Input	TV Signal Input		
CVBS Input	TV Signal Input		
Y/C Input	TV Signal Input		
XS Input	Separate V-Sync Input		
Stereo Audio Input	(R/L) Audio Input		
Output Signal Types			
D-SUB Port	Analog Video Signal Output		
Y1Pb1Pr1	HDTV / SDTV color difference signal RCA connector		
Y2Pb2Pr2	HDTV / SDTV color difference signal RCA connector		
D-Terminal (D5)			
Type	LINE 1	LINE 2	LINE 3
D1	480 Line (0V)	i (0V)	4 : 3 (0V)
D2	480 Line (0V)	i (0V) / p (5V)	4 : 3 Letter
D3	480 Line (0V)	i (0V) / p (5V)	Box (2.2V)
	1080 Line (5V)	i (0V)	16 : 9 (5V)
D4	480 Line (0V)	i (0V) / p (5V)	4 : 3 (0V)
	720 Line (2.2V)	p (5V)	4 : 3 Letter / Box (2.2V)
	1080 Line (5V)	i (0V)	16 : 9 (5V)
D5	480 Line (0V)	i (0V) / p (5V)	4 : 3 (0V)
	720 Line (2.2V)	p (5V)	4 : 3 Letter / Box (2.2V)
	1080 Line (5V)	i (0V) / p (5V)	16 : 9 (5V)
SCART 1 Port	Stereo Audio, Composite and RGB Video (Audio / TV / Analog)		
SCART 2 Port	Stereo Audio, Composite and RGB Video (Audio / TV / Analog)		
Audio R1 / L1	Analog Audio R / L Output		
Audio R2 / L2	Analog Audio R / L Output		
CVBS 1	TV Composite Signal Output		
CVBS 2	TV Composite Signal Output		
S Video 1	Y / C (Luminance/Chrominance) Separate Signal		
S Video 2	Y / C (Luminance/Chrominance) Separate Signal		
Accuracy			
Note 1 : ± 2% at all of the signal output			
Note 2 : ± 0.2V @ D5 control voltage 2.2V / 5V			
Note 3 : ± 0.2V @ 2.2 / 5V , ± 1V @ 12V for SCART control voltage			
DIM ENSION			
W x H x D (mm) / Weight	318 x 44 x 105 / 1.2 kgs		

* All specifications are subject to change without notice.

Developed and Manufactured by :

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