



SC1203DTN

Full HD Scaler Switcher

INTRODUCTION

PMD SC1203DTN is a full HD scaler switcher with 12 video, 6 audio & 2 MIC inputs. It scales & switches any video signal HDMI, VGA, YPbPr, C-Video & S-video to HDBaseT, HDMI & VGA simultaneously, and any audio to 2x20W amplifier. It's controllable via the button, IR, RS232 & TCP/IP. It's a high performance scaler for education institution, meeting room, conference room, demonstration hall etc.

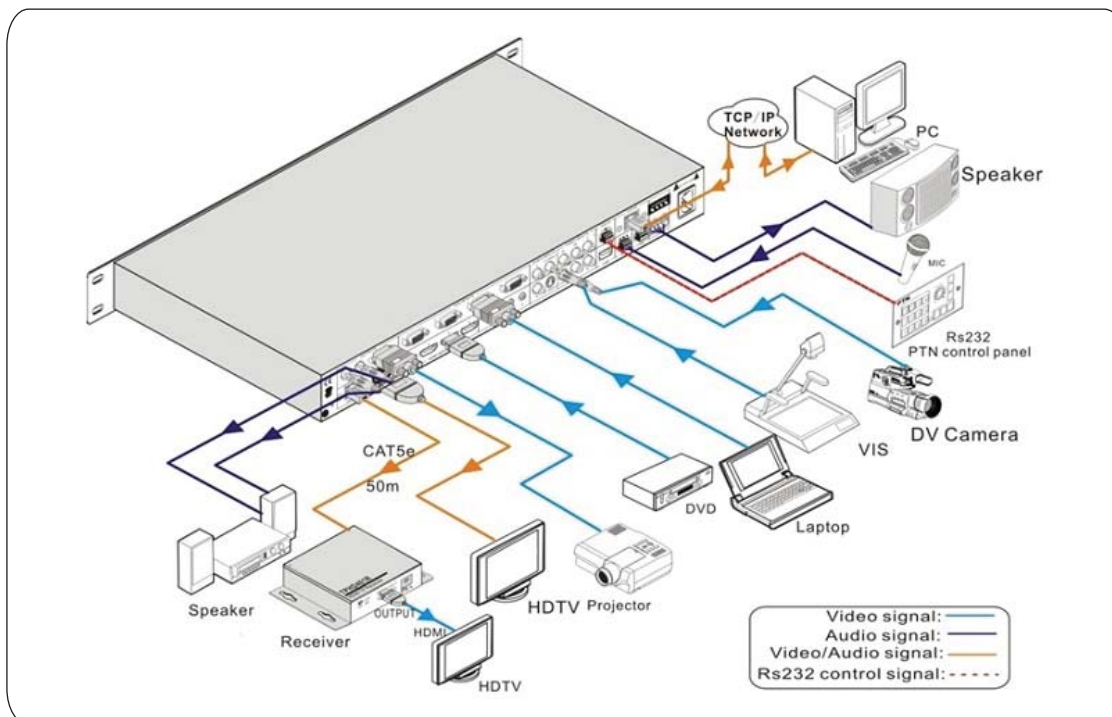


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FEATURES

- 12 video Inputs: 4 x HDMI, 4 x VGA, 1 x YPbPr, 2 x C-video & 1 x S-video.
- 2 MIC inputs with level control and mixer function.
- Upscale to outputs HDBaseT, HDMI & VGA simultaneously up to 1080P.
- HDBaseT output to be paired with receiver for 70M transmission.
- Built-in 2x20Watt@4Ω digital amplifier (or 2x10Watt@8Ω).
- Output resolutions selectable to assure preferred output.
- Output display H/V size: adjustable to settle any overscale problem.
- Output display H/V position moveable.
- MIC volume and line volume adjustable.
- Video parameter setting and preset.
- Powerful OSD function with full control.
- Ultra-switching for instantaneous display.
- HDMI1.3 and HDCP compliant.
- Firmware updatable via USB.
- Output freeze function.
- Front panel lockout.
- Controllable via receiver at display end.
- Controllable via button, IR, RS232 & TCP/IP.

DIAGRAM



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SPECIFICATIONS

Video Input	4 HDMI(Female HDMI); 4 VGA(Female 15 pin HD); 1 YPbPr, 1 C-Video(Female RCA); 1 S-Video(4 pin mini DIN connector); 0.5V~2.0Vp-p; 75Ω
Video Input Signal	HDMI, VGA, RGBHV, RGBs, RGsB, RsBsGs, NTSC 3.58, NTSC 4.42, PAL, SECAM
Video Output	1 HDMI (Female HDMI); 1VGA (Female 15 pin HD); 1 HDMI TP (RJ-45 connector); 0.5V~2.0Vp-p; 75Ω
Video Output Signal	HDMI, RGBHV,HDBase-T
Audio Input	6 Stereo Audio for line audio (RCA female connector for YPbPr, C-Video & S-Video; 3.5mm jack for VGA); HDMI audio (embeded digital audio); 2 MIC(Captive screw connector); >10kΩ
Audio Output	Stereo line audio(RCA connector); 50 Ω 2x10W@8 Ω/ 2x20W@4 Ω amplifier(Captive screw connector);
Resolution	1920*1080p; HD 1360*768; 1280*720p; WXGA 1280*800; XGA 1024*768
Gain	0 dB
Bandwidth	HDMI: 4.95Gbps(1.65Gbps per color); C-Video/S-Video: 150MHz; YPbPr: 170MHz; VGA: 375MHz
Maximum Pixel Clock	145MHz
Stereo Channel Separation	>80dB @1KHz
Frequency Response	20Hz~20K Hz
CMRR	>90dB @20Hz to 20K Hz
DVI/HDMI Standard	DVI1.0&HDMI 1.3,Compliant with HDCP
Control	Buttons, IR remote & RS232 (Captive screw connector), TCP/IP control
Power Supply	100VAC ~ 240VAC, 50/60Hz; 65W
Temperature	-20 ~ +70 °C
Humidity	10% ~ 90%
Chassis Dimension	W483 x H44 x D235mm
Weight	2.1Kg