

# Specifications

■ Video		■ Audio			
Video Processing	4:4:4 (Y/Pb/Pr), 10-bit		Audio Processing	Sampling Rate : 24-bit/48 kHz	
Input Connectors	HDMI : Type A (19 pin) x 8 (Input 1 to 8) *HDCP supported RGB/Component/S-video/Composite : HD DB-15 type x 8 (Input 1 to 8)		Input Connectors	Digital : HDMI Type A (19 pin) x 8 Analog : 5 pin terminal block connector x 8	
Output Connectors	XS-82H	HDMI : Type A (19 pin) x 2 (Output 1 to 2) HDBaseT : RJ-45 x 2 (Output 1 to 2) *HDCP supported	Output Connectors	XS-82H	Digital : HDMI Type A (19 pin) x 2 Analog : 5 pin terminal block connector x 2
	XS-83H	HDMI : Type A (19 pin) x 3 (Output 1 to 3) HDBaseT : RJ-45 x 3 (Output 1 to 3) *HDCP supported		XS-83H	Digital : HDMI Type A (19 pin) x 3 Analog : 5 pin terminal block connector x 3
	XS-84H	HDMI : Type A (19 pin) x 4 (Output 1 to 4) HDBaseT : RJ-45 x 4 (Output 1 to 4) *HDCP supported		XS-84H	Digital : HDMI Type A (19 pin) x 4 Analog : 5 pin terminal block connector x 4
Input/Output Level and Impedance	Analog RGB	0.7Vp-p 75 ohms(H, V:5VTTTL)	Output Level and Impedance	Ch 1 to 2 : -60 to +4dBu (Maximum: +22 dBu), 10k ohms (Gain 0 to 23 dBu), 5k ohms (Gain 24 to 64 dBu) Ch 3 to 8 : +4dBu (Maximum: +22 dBu), 8.5k ohms	
	Analog HD Component	1.0Vp-p 75 ohms(Sync-Signal: Bi-level/Tri-level)		Audio Formats	HDMI : Linear PCM, 24bit, 48kHz, 8ch
	Composite /S-Video	Signal Level : 1.0 Vp-p (luminance), 0.286 Vp-p (chroma, NTSC), 0.3 Vp-p (chroma, PAL) Impedance : 75 ohms		Audio Effects	16 stereo inputs and 4 outputs digital audio mixer  Input: High-pass filter, Mono, 4-band parametric equalizer, Compressor/Ducking, Gate  Output: 4-band parametric equalizer, Compressor/Gate, Down mix, Lip-sync Delay(1msec units, max 170msec)  Other:Test tone output, Synchronized/unsynchronized audio and video function
Input Supported Formats	HDMI	480/59.94i, 576/50i, 480/59.94p, 576/50p, 720/59.94p, 720/50p, 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p, 640×480/60Hz, 800×600/60Hz, 1024×768/60Hz, 1280×768/60Hz, 1280×1024/60Hz, 1366×768/60Hz, 1600×1200/60Hz, 1920×1080/60Hz, 1920×1200/60Hz	<b>■ Other Jacks</b> RS-232C : D-Sub 9 pin type x 1 LAN : RJ-45 x 1 USB : A Type x 2 for USB memory (for USB memories, for WNA1100-RL/ONKYO UWF-1)		
	RGB /Component	480/59.94i, 576/50i, 480/59.94p, 576/50p, 720/59.94p, 720/50p, 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p, 640×480/60Hz, 800×600/60Hz, 1024×768/60Hz, 1280×768/60Hz, 1280×1024/60Hz, 1366×768/60Hz, 1600×1200/60Hz, 1920×1080/60Hz, 1920×1200/60Hz			
	Composite S-video	480i/59.94, 576i/50	<b>■ Display</b> Graphic LCD 128 x 64 dots		
	Still Image:	Windows® Bitmap File (.bmp) * Maximum 1920 x 1200 pixels, 24 bit per pixel, uncompressed It can be stored up to 4 files in the internal memory.			
Output Formats	HDMI/HDBaseT	480/59.94i, 576/50i, 480/59.94p, 576/50p, 720/59.94p, 720/50p, 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p, 640×480/60Hz, 800×600/60Hz, 1024×768/60Hz, 1280×768/60Hz, 1280×1024/60Hz, 1366×768/60Hz, 1600×1200/60Hz, 1920×1080/60Hz, 1920×1200/60Hz	<b>■ Others</b> Power Supply : AC117V,AC220V,AC230V,AC240V(50/60Hz) Power Consumption: XS-82H:55W/0.5A(117V),55W/0.4A(220V,230V,240V) XS-83H:60W/0.6A(117V), 60W/0.4A(220V,230V,240V) XS-84H:70W/0.6A(117V), 70W/0.5A(220V,230V,240V) Dimensions : 481(W)x353(D)x88(H) mm, 18-15/16 (W) x 13-15/16 (D) x 3-1/2 (H) inches (EIA-2U rack mountable) Weight : 6.0 kg, 13 lbs 4 oz Operation Temperature: +0 to +40 degrees Celsius +32 to +104 degrees Fahrenheit Storage Temperature: -20 to + 80 degrees Celsius -4 to +176 degrees Fahrenheit Operation Humidity: 20% to 90%(non-condensing) Storage Humidity: 20% to 90%(non-condensing) Accessories : Power Cord, Euroblock Plug x 12, Rubber Foot x5, Owner's Manual		
		*The output refresh rates of 640×480 to 1280×1024 are 75Hz when the unit's frame rate setting is 50Hz.			
Video Effects	Transition : Quasi-seamless switching, Seamless switching (Dissolve mode,PGM/PST mode) Mode: Matrix, Multi(Up to 4 Windows),Span, Left and right 90 degrees rotation, 4K, Dissolve, PGM/PGT Others : Flip vertically, Flip horizontally, Output fade, Test pattern output(Colorbar, Hatch,etc)				

\*0dBu=0.775Vrms \*The video signal frame rate must match the unit's frame rate setting. \*Confirms to:VESA DMT Version 1.0 Revision 11 \*1920x1200/60Hz: Reduced blanking

## Options

Conversion of HDMI input signals to HDBaseT output signals  
Support for RS-232C



**HT-TX01**  
HDBaseT Transmitter

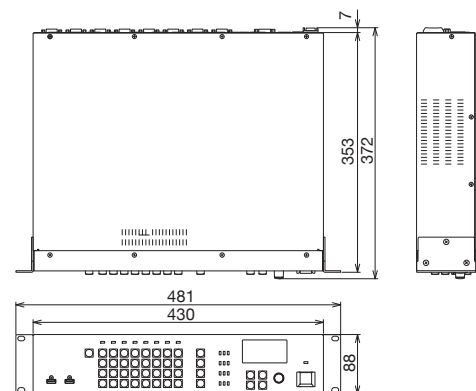
Conversion of HDBaseT input signals to HDMI output signals  
Support for RS-232C



**HT-RX01**  
HDBaseT Receiver

## Dimensions

Unit: mm



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