SB-5652K

1x2 HDMI 4K2K Distribution Amplifier with Scaler

Support (3) EDID modes and scaling up to 4K2K-24Hz or scaling down to 1080p-24Hz

PRO EDID HDMI SCALER

Inputs : 1x HDMI (Digital Video TMDS, and Digital Audio)

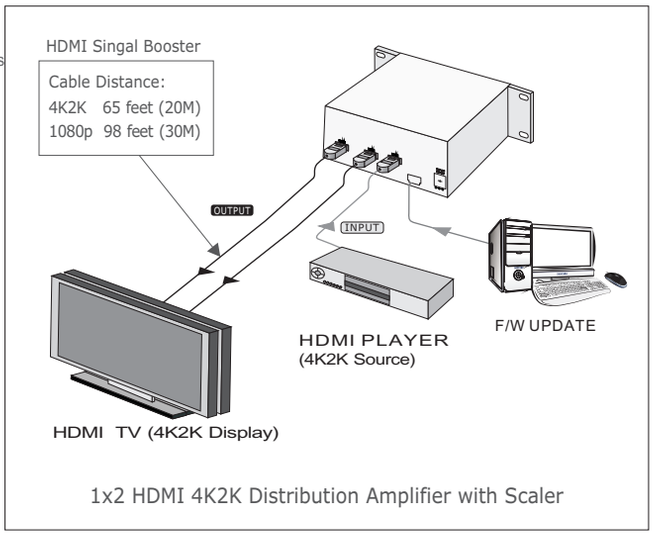
Outputs : 2x HDMI (Digital Video TMDS, and Digital Audio)



INTRODUCTION

The SB-5652K is professional 1x2 4K2K HDMI Distribution Amplifier. Supporting one (1) HDMI Input, two (2) HDMI outputs. The SB-5652K is based on the HDMI standard 4k2k and supports full resolution HDMI Video with embedded EDID, With a signal bandwidth of 340Mhz, there is no signal degradation. High Definition Digital signals can be distributed to (1) Input to (2) outputs. The Distribution Amplifier is certified as being fully CEC and HDCP 2.0 compliant, full HD 4K2K HDMI V1.4a 3D formats, data rates up to 6.75 Gbps. Supports UXGA/WUXGA/ DVI 1920x1200 resolution to any HD displays. The SB-5652K has 1x HDMI connector for Input, effectively making this an (1) in x(2) out distributor. The EDID management can be selected between three (3) different modes and The Scaler management (2) modes as the scaling up to 4K2K (24Hz) and scaling down to 1080p(24Hz). Control is provided via Front panel push buttons.

SB-5652K HDMI 4K2K Distribution Amplifier with Scaler 1x2



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FEATURES

1. (1)x HDMI 4K2K source device distributed to (2)x HDMI output 4K2K destinations.
2. HDMI digital Video 4K2K TMDS w/embedded HDCP, DVI format and CEC/HDCP 2.2 compliant
3. Worldwide control EDID modes for HDMI full 4K2K (24/25/30 Hz) HD Video resolutions.
4. Link speeds of up to 6.75 Gbps (link clock rate of 340MbHz), Support HDMI 4K2K, 1.4a 3D formats.
5. Wide range of HD resolutions from PC XGA to WUXGA 1920x1200 and HDTV/DTV HDMI resolutions 480i/480p, 576i/576p, 720p, 1080i/p & 4K2K (24/30Hz).
6. Digital Video TMDS formats Resolution up to 4K2K with Deep color 36-bit.
7. EDID supports : Embedded EDID modes
   - -Mode (1) : 1080p - 2CH
   - Mode (2) : 1080p - Bitstream
   - Mode (3) : 4K2K - Bitstream
8. Scaler Modes supports :
   - Mode (1) : Scaling down to 1080p-24Hz (Support source 4K2K-24Hz only)
   - Mode (2) : Scaling up to 4K2K-24Hz (Support source 1080p-24Hz only)
9. Audio Input : Support HDMI standard multi-channel digital audio.
10. Audio Output : Support HDMI standard multi-channel digital audio.
11. Various User Interface controls: Front Panel push button.
12. HDMI Output with Booster function, Cable Distance 4K2K 65 feet (20M) & 1080p-60Hz 98 feet (30M).
13. Support Universal power adaptor Power input AC90V~AC240V, 50/60Hz

SPECIFICATIONS

1. Type of HDMI Splitter :	1x input To 2x Outputs HDMI Matrix Switcher
2. HDMI Support :	HDMI 4K2K, 1080P-@60Hz, H36-bit Deep color, 3D of HDMI V1.4 formats.
3. HDCP / CEC Support :	HDCP 2.2 Compliant, CEC Compliant.
4. Video Bandwidth :	Double Data Rates: 340Mhz, Total 6.75Gbps bandwidth.
5. Digital Video Support :	HD:480i/ 480p/ 720p/ 1080i/p and 4K2K up to 36bit deep color
6. Input :	1x HDMI (HDMI or DVI digital source).
7. Output :	2x HDMI (To Destination).
8. Switch Controls :	1x Select & Function buttons on front panel (Data status via LCM panel show out) 1x IR Remote Controller (switch control)
9. Control Status :	Control status LEDs indicates presence of a live signal.
10.(3) EDID management:	1. EDID : 1080p-2CH, 2. EDID : 1080p-Bitstream, 3. EDID : 4K2K-Bitstream,
11.(2) Scaling mode:	1. Scaler down : 1080p-24Hz, 2. Scaler up : 4K2K-24Hz.
12.HDMI Signal Booster :	Distance 4K2K Cable 65 feet (20M), 1080p Cable 98 feet (30M).
13.Infrared Frequency:	38 Khz
14.Firmware Update :	Firmware update via mini-USB Jack.
15.HDMI I/O Connector :	HDMI Type A - SMD 19pin Female Type
16.Temperature :	Operating Temperature 32 ℉ - 100 ℉ (0 ℃ - 32 ℃)
17.Wall Mount :	1 inch High Wall Mount pairs (P/N: WM-1INCH-80mm)
18.Dimensions :	LxWxH= 5.00 "x 3.14 " x 1.00 "(127mm x 80mm x 25mm)
19.Power Supply :	DC12V, 1A, Powr Input : AC 100~240 VAC 50/60Hz (universal Type Supply)
20.Safety Approvals :	CE, FCC, REACH.
21.Product Weight :	1.85 Kgs / 3.08 lb

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