SB-3710

1X4 DIGITAL (COAX PCM) & ANALOG AUDIO SPLITTER DISTRIBUTION AMPLIFIER



INPUTS: 1X DIGITAL AUDIO (PCM) OR COMPOSITE VIDEO, STEREO AUDIO (AR/AL)

OUTPUTS: 4X DIGITAL AUDIO (PCM) OR COMPOSITE VIDEO, STEREO AUDIO (AR/AL)

INTRODUCTION

SB-3710 is a (1) input to (4) output Digital Audio Distribution Amplifier with a Video Bandwidth of 110MHz, Audio=60MHz. It's one of the most innovative Digital (S/PDIF) or Video (Composite Video) and Stereo Audio (AR/AL) Distribution Amplifier products on the market today. Because it is a distributor, the (1) input can be routed to any (4) outputs. It completely eliminates the need to constantly move around input and output cables. This Distribution Amplifier is ideally suited for AV audio sources such as VCRs, Camcorders, Video Game Consoles, Video CDs, DVDs, Satellite Receivers, CAT5 Set-Top-Box, High Definition LCD Television, Plasma display monitors, Audio and Audio Amplifier applications.

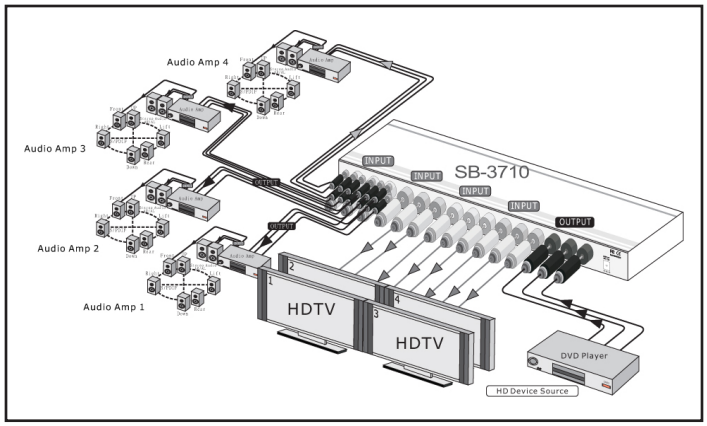
FEATURES

- Supports 1x4 Digital/ Video-Audio
- Distributes Digital Audio-S/PDIF (or Composite Video) and Stereo Audio (AR/AL)
- Digital Audio Bandwidth: 110MHz (-3dB), 200mVp-p, Audio (60MHz)
- Video Bandwidth: 440M Hz (-3dB), 200mVp-p
- Audio Bandw idth: 60MHz
- Audio Frequency Response: 20Hz ~ 20KHz
- Suitable for distributing Audio Sources from HD high resolution video player devices to LCD/Plasma monitor displays or Audio Amplifiers
- Supports Lower power consumption: full load under 350mA
- Power Supply: Universal type 100~240VAC switch

SPECIFICATIONS

- Type of Distributor: (1) input to (4) outputs Digital/Video - Audio Distribution Amplifier
- Type of Signals: Digital (S/PDIF) or Composite Video and Stereo Audio (AR/AL)
- Audio Bandwidth: Digital Audio=110MHz, (-3dB), Audio=60MHz
- Audio Frequency Respose: 20Hz~20KHz
- Differential Phase Error: 0.02 , 0.1dB (RL=150)
- Fast Settling Time: 15ns to 0.1%
- All Hostile Crosstalk: -84dB@5MHz, -54dB@5MHz
- Channel Crosstalk: -56db@100MHz
- Slew Rate: 1000V/us, G=+1, 2VStep
- High OFF Isolation: -100dB@10MHz
- Low power CMOS: 550uA Quiescent Current
- Safety Approvals: CE, FCC, REACH, Erp, WEEE
- Dimensions (LxWxH): 8.27 x 4. 49 x 1.06 in (210x114x27 mm)
- Net Weight (Unit Only): 0.7kg/1.54 lb (with metal case)
- Power Voltage Input: Power Voltage DC 12V@.42A

EXAMPLE



DIGITAL AUDIO: FOR 4X DIGITAL AUDIO AMPLIFIERS
COMPOSITE VIDEO: FOR 4X HDTVS