

VP-100A

Computer Graphics Video to RGBHV & Audio Format Converter

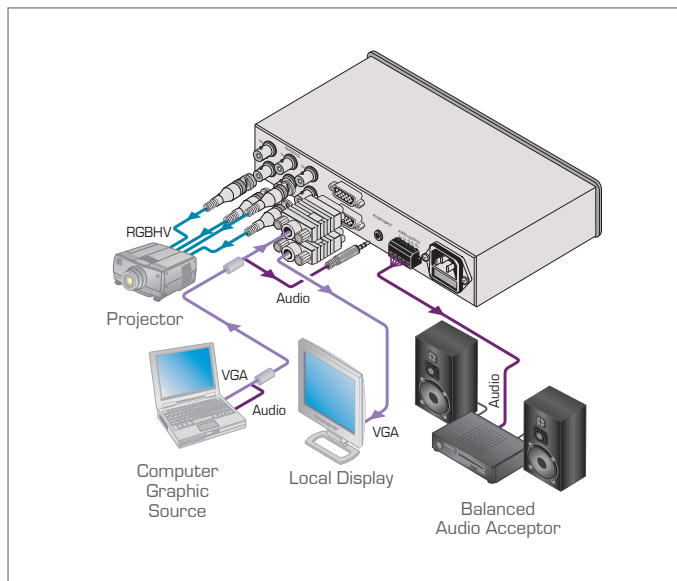


The **VP-100A** is a high-performance format converter for computer graphics video and stereo audio signals. It converts a computer graphics video signal on a 15-pin HD connector to an RGBHV video signal on BNC connectors and unbalanced stereo on a 3.5mm connector to balanced stereo audio on a terminal block connector.

FEATURES

- High Bandwidth - 430MHz (-3dB).
- HDTV Compatible.
- Horizontal and Vertical Sync Shift Control.
- EQ (Peaking) Control.
- Looping Input.
- ID Bit Control.
- Left and Right Audio Gain Controls.
- Desktop Size - Compact Size. 2 units can be mounted side-by-side in a 1U rack space with the optional RK-1 adapter.

FORMAT & STANDARDS CONVERTERS



TECHNICAL SPECIFICATIONS

INPUT:	Video: 1 XGA on 15-pin HD (F) connector; 1 XGA on 15-pin HD (F) loop; Audio: 1 unbalanced stereo on 3.5mm mini-jack.
OUTPUTS:	Video: R, G, B, Hs, Vs, Cs on BNC double connectors; Audio: 1 balanced stereo audio on a 5-pin terminal block connector.
MAX. OUTPUT LEVEL:	Video: 2Vpp; Audio: 27Vpp.
BANDWIDTH (-3dB):	Video: 430MHz; Audio: >100kHz.
DIFF. GAIN:	1.3%.
DIFF. PHASE:	0.35Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Video: 79dB; Audio: 70dB.
CONTROLS:	0 to +5.3dB EQ. @50MHz.
COUPLING:	Video: DC; Audio: Input: AC, Output: DC.
AUDIO THD + NOISE:	0.052%.
AUDIO 2nd HARMONIC:	0.004%.
POWER SOURCE:	230V AC, 50/60Hz (115V, USA), 6VA.
DIMENSIONS:	22cm x 18cm x 4.5cm (8.7" x 7" x 1.7") W, D, H.
WEIGHT:	1.3kg (2.9lbs) approx.
ACCESSORIES:	Power cord.
OPTIONS:	RK-1 19" rack adapter.

