

Stereo Encoder

MISE



The MISE Stereo Encoder provides an economical solution for service providers wanting to deliver programs in stereo. The MISE is intended for use with Blonder Tongue's MIRC-12 rack chassis' with it's associated power supply. The modular design provides an efficient compact means to accommodate 6 encoders coupled with 6 modulators or 12 encoders in 2RU's of precious rack space. The MISE accepts baseband left and right audio inputs from sources such as a satellite receiver, demodulator, VCR or DVD and generates a composite BTSC stereo signal. The composite signal in turn is applied to a compatible modular audio/visual modulator. It is also compatible with any modulator that has a pre-emphasis defeat feature. The MISE features 24 dB stereo separation, a pilot lock indicator and a test tone generator to meet any demanding stereo insertion need.

○ Features & Benefits

- Modular Design Minimizes Rack Space
- 24 dB Stereo Separation with Low Distortion
- Build-in Test Tone for Audio Level Calibration with Modulator
- Pilot Lock & Power LED Indicator

○ Specifications

Audio Input

- Input Impedance:
 - 20K Ω (unbalanced)
 - 40K Ω (balanced)
- Input Level: 250 mVrms to 2.5 Vrms

Video Input

- Input Impedance: 10K Ω
- Input Level Range: 0.5 Vp-p to 2.0 Vp-p

Composite Output

- Output Impedance: 100 Ω
- Output Level: 1.1 Vp-p at 100% Modulation

Stereo Performance

- Stereo Separation: 24 dB Typical, 20dB Min.
- Harmonic Distortion: 0.25%
- S/N Ratio: 65 dB
- Frequency Response: ± 1 dB from 50 Hz to 12 KHz

Test Tone

- Frequency: 10.396 KHz \pm 50 Hz
- Amplitude: 0.5 Vp-p \pm 10%

General

- DC Power Input: +12 VDC @ 200 mA
- Operating Temp. Range: 0° to +50° C

Mechanical

- Dimensions (W x H x D):
 - 1.15 x 3.5 x 7.5 in.
 - 29 x 89 x 191 mm
- Weight: .73 lbs., .33 kg

Refer to product instruction manual for additional specification measurements and notes.

○ Ordering Information

Model	Stock No.	Description
MISE	7725B	HE-12 & HE-4 Series Micro Stereo Encoder