

# MISE

## Micro Channel Stereo Encoder

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

- 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  $\Omega$  (unbalanced)

40K  $\Omega$  (balanced)

Input Level: 250 mVrms to 2.5 Vrms

#### Video Input

Input Impedance: 10K  $\Omega$

Input Level Range: 0.5 Vp-p to 2.0 Vp-p

#### Composite Output

Output Impedance: 100  $\Omega$

Output Level: 1.1 Vp-p at 100% Modulation

#### Stereo Performance

Stereo Separation: 24 dB Typical, 20 dB Min.

Harmonic Distortion: 0.25%

S/N Ratio: 65 dB

Freq. Response:  $\pm 1$  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: +12VDC @ 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

### Ordering Information

Model	Stock #	Description
MISE	7725B	HE-12 & HE-4 Series Micro Stereo Encoder