

# MSE-100A SPECIFICATIONS

## **INPUT**

**Type** .....RF filtered, servo-balanced input  
**Connectors** .....XLR and 1/4" TRS jacks  
**Impedance** .....24K  $\Omega$  balanced,  
12K  $\Omega$  unbalanced  
**Max. Input Level** .....+21dBu balanced and unbalanced  
**CMRR** .....Typically 40dB, > 55dB @ 1kHz

## **OUTPUT**

**Type** .....DC-decoupled unbalanced  
output stage  
**Connectors** .....XLR and 1/4" TRS jacks  
**Impedance** .....90  $\Omega$  balanced, 45  $\Omega$  unbalanced  
**Max. Output Level** .....+21dBu balanced and unbalanced  
**Bandwidth** .....20Hz to 20kHz, +0/-0.5dB  
**Frequency Response** .....5Hz to 100kHz, +0/-3dB  
**Noise** .....> -95dBu, unweighted, 22Hz to  
22kHz  
**THD** .....0.008% typically @ +4dBu, 1kHz  
**IMD** .....0.01% typically, SMPTE  
**Crosstalk** .....< -86dB, 22Hz to 22kHz

## **BASS PROCESSOR**

**Type** .....“Dual Mode” Bass Processor  
Switches the bass sound  
from “Soft” to “Tight”  
**Low Mix Control** .....Variable (0 to 6; Off to Max.)

## **MULTIBAND PROCESSOR**

**Type** .....“Natural Sonic” processor with  
“Variable Sound Processing”  
**Tune Control** .....Variable (1 to 8kHz).  
**Process Control** .....Variable (Enhancer to Exciter)  
**High Mix Control** .....Variable (0 to 6; Off to Max.)

## **FUNCTION SWITCHES**

IN/OUT switches both channels, with red/green LED status indicators

## **POWER SUPPLY**

**AC Voltage** .....100-120/60HZ or 200-240/50HZ  
VAC as marked  
**Power consumption** .....9 watts  
**Fuse** .....T250mA, 250V  
**Power Cord Connector** ..Standard IEC receptacle

## **DIMENSION**

1.75" X 19" X 7.8" (44 X 482 X 197mm.)

## **WEIGHT**

6.2 lbs. (2.8 Kg.)

*Specifications and design subject to change without prior notice for improvement purposes*