

# RMV-SERIES

STEREO MIXER WITH 256 DSP EFFECT & USB

# NTS



RMV12/2 FX

RMV16/2 FX

RMV24/2 FX

12 Channel Mixer (8 Mono // 2 Stereo)  
16 Channel Mixer (12 Mono // 2 Stereo)  
24 Channel Mixer (20 Mono // 2 Stereo)

## TECHNICAL SPECIFICATION

- Insert point on mono input
- 3 band EQ with sweepable midrange on mono input
- 3 band EQ on stereo input
- 2 Aux send for external effects and monitoring
- Peak LED on all input
- LOW CUT switch on mono input
- PAD, EQ in/out, MUTE and PFL switch on all input
- Built in 256 program digital effect
- USB interface for MP3 input and playback with digital display
- Stereo output and 2 group output
- +48V phantom power supply

Frequency Response ..... < 10Hz - 80KHz, +0/-1 dB

..... < 10Hz - 120KHz, +0/-3dB

Dynamic Range ..... > 115dB

### **Distortion (THD & IMD)**

THD ..... < 0.007% @ 20Hz to 20KHz

..... 0.003% @ 1KHz typical

SMPTE IMD ..... < 0.005% (7KHz/60Hz, 4:1)

### **Noise Floor**

Signal to Noise Ratio ..... -89dBu

Equivalent Input Noise (E.I.N.) ..... -129.5dBu @ +60dB gain

Mic Output Noise ..... -100dBu

Residue Output Noise ..... -100dBu

### **Input Gain Control Range**

Mic Input ..... 0dB to +60dB

Line Input ..... -20dB to +40dB

### **Equalization**

Mono Channel EQ : High ..... +/-15dB, 12KHz

: Mid ..... +/-15dB, sweepable

: Low ..... +/-15dB, 80Hz

Stereo Channel EQ : High ..... +/-15dB, 12KHz

: Mid ..... +/-15dB, 2.5KHz

: Low ..... +/-15dB, 80Hz

### **Mixer Rated Output**

Main Out ..... +4dBu

Aux Send ..... +4dBu

Group Send ..... +4dBu

Monitor Out ..... +4dBu

Maximum Rated Out ... +21dBu @ main XLR and TRS output

### **Maximum Input Level**

Mic Input ..... +21dBu, gain @ unity, pad out

..... +30dBu, gain @ unity, pad in

Line Input ..... +21dBu, gain @ -20dB

Tape Input ..... +30dBu

Stereo Return ..... +21dBu

### **Input Impedance**

Mic Input ..... 3K $\Omega$  balanced

Mono Channel Line Input ..... 34K $\Omega$  balanced

Stereo Return ..... 20K $\Omega$  balanced

Talkback Mic ..... 1K $\Omega$  balanced

### **Output Impedance**

Main Out ..... 100 $\Omega$  balanced, XLR output

..... 300 $\Omega$  balance, TRS output

Group Out ..... 300 $\Omega$

Monitor Out ..... 300 $\Omega$

Aux Send ..... 300 $\Omega$

Phone Out ..... 25 $\Omega$

<http://www.nts-solution.com>

All features & specifications are subjected to change without notice.

# NTS

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