

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
- 24 bit multi effect processor
- 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 Ω balanced

Mono Channel Line Input 34K Ω balanced

Stereo Return 20K Ω balanced

Talkback Mic 1K Ω balanced

Output Impedance

Main Out 100 Ω balanced, XLR output

..... 300 Ω balance, TRS output

Group Out 300 Ω

Monitor Out 300 Ω

Aux Send 300 Ω

Phone Out 25 Ω