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You can read the recommendations in the user guide, the technical guide or the installation guide for RANE MP 2016. You'll find the answers to all your questions on the RANE MP 2016 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual RANE MP 2016
User guide RANE MP 2016
Operating instructions RANE MP 2016
Instructions for use RANE MP 2016
Instruction manual RANE MP 2016

RANE DATA SHEET MP 2016 ROTARY MIXER



MP 2016 Mixer



Optional XP 2016 Processor

MP 2016 Features

- Six Stereo Input Channels
- Four Dedicated Stereo Phono/Line Pre-amps
- Two Dedicated Mic/Line Pre-amps with ...
 - Gain Trim - 2-Band Tone Control
 - Engage Switch - Booth Ducking
- Five stereo Auxiliary inputs
- Input Gain Controls for Level Matching
- 40 mm Master and Mix Controls
- Switchable Effects Loop
- Mono Switch
- Booth Output with Master/Cue Source Select

- Pre-Effects Tape Output
- Post-Effects Tape Output with Level Control
- Accelerated-Slope™, Full-Cut, 3-Band Tone Controls
- Audiophile/Studio Sound Quality
- High Power Headphone Monitor with Master/Cue Source Select

Optional XP 2016 Features

- Active-Crossfader™ with Full Range Contour Control
- A-POST-B Crossfader Assign Switches
- Stereo Master/Cue Meter with Peak Hold
- Six Channels of Stereo, Accelerated-Slope™, Full Cut, 3-Band Tone Controls

Data Sheet-1



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Manual abstract:

Rane proudly presents the MP 2016 Rotary Mixer. The MP 2016 is a rotary-controlled mixer featuring six Input Channels, Booth and House Outputs, Pre-Effects Tape Outputs, Post-Effects Tape Outputs with Level control, switchable Effects Loop, and Headphone Cueing. Input Channels 1 through 4 feature high quality RIAA phono preamplifiers which may be switched to line input via rear panel switches. Input Channels 5 and 6 each provide a balanced mic preamp with Input Gain trim, Mic/Line switch, two-band EQ, Mic Engage switch and an internal Booth Ducking enable jumper. In addition to the six dedicated preamplifiers, all six Input Channels may select any of the five stereo Auxiliary Inputs. Each Input Channel provides a 6-position source selector, Input Gain control for matching levels, Signal/Overload indicators and a studio-grade Master Mix control. The Booth Output may select Master or Cue as its source. An ultra-low noise, high power headphone amplifier also allows monitoring the Master Mix or Cue Mix. The Master Mix circuit provides Signal/Overload indicators, Mono switch and high-pass/rumble filters. In addition, the MP 2016 features patent pending high performance threeband, full-cut, Accelerated-Slope™ tone controls.

@@@@@The XP 2016 is intended to mount above or below the MP 2016. @@@@@@@@@@@@@@@@@@The Master/Cue Meter follows the source selection of the headphone monitor on the MP 2016. If Master is selected, the XP 2016 Meter monitors the pre-house-level Master signal. If Cue is selected, the XP 2016 meter monitors Cue Source selection. The XP 2016 matches the MP 2016 ergonomics, packaged in a compact 19 inch, 3U rack mount chassis, 5 inches deep.

Data Sheet-3 MP 2016 ROTARY MIXER MP 2016 Features and Specifications Parameter Specification Limit Units Conditions/Comments Gain (Unbalanced Outputs): 1 kHz, EQ centered, All levels max, add 6 dB for balanced output

.....Phono/Line 51/15 0.5 dB

.....Aux Line 15 0.5 dB

.....

Mic/Line 65/35 1.5 dB

.....XP 2016 port 0 0.5 dB Input Impedance: 1 kHz

.....Phono/Line 47.5k 1% Shunted by 200 pF

.....

Aux Line 20k 1%

.....Mic/Line 1.02k/29k 1% Differential input impedance

.....Effects Return 5.11k 1% Max Input Level: Max input before input stage overload, @ 1 kHz

.....Phono/Line 77.

5 5% mV

.....Aux Line +20 1 dBu

.....Mic/Line, Max Gain -30/0 2 dBu

.....Mic/Line, Min Gain 0/+30 2 dBu Output Impedance: @ 1 kHz ...

.....

.Balanced 150 1% Each leg

Unbalanced 300 1% Max Output Levels: @ 1 kHz

dBu 2k load

.....Unbalanced +20 min.

dBu 2k load

mW 600/150 Infrasonic Filter 15 5% Hz 18 dB/octave 20 to 20 kHz, 80 kHz BW, Line in to THD+N .01 typ. % unbalanced output. Signal-to-Noise Ratio: Input gain set for unity, Tones set flat; Any one mix set to max (all others min), any unbalanced out.

.....Phono 91 1 dBu Input shorted, "A" weighted .

.....

.....Mic 60 1 dBu Mic Gain max, Input Gain max, Input terminated with 150

.....Line 94 1 dBu Input terminated with 150 Signal Indicators: SIG/OL 0/12 1 dBu Crosstalk -70 max. dB Channel to channel, 1 kHz Control Feed-through -80 max. @ @Max Input Level... Output Impedance.

.....Max Output Levels...

@@E88261 File no. LR58948 Meets EMC directive 89/336/EEC LV directive 73/23/EEC RS 1 RMS current from remote supply (13.3 cm x 48.3 cm x 13.5 cm) (5.

0 kg) Each Unit (27.9 cm x 58.4 cm x 40.6 cm) (8.1 kg) Each Unit Power Supply: Agency Listing

.....120 VAC model

.....230 VAC model Power Supply Requirement Maximum Current Unit Construction .

.....

.....Size

.....Weight Shipping: Size

.....Weight mA Data Sheet-5 MP 2016 & XP 2.

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