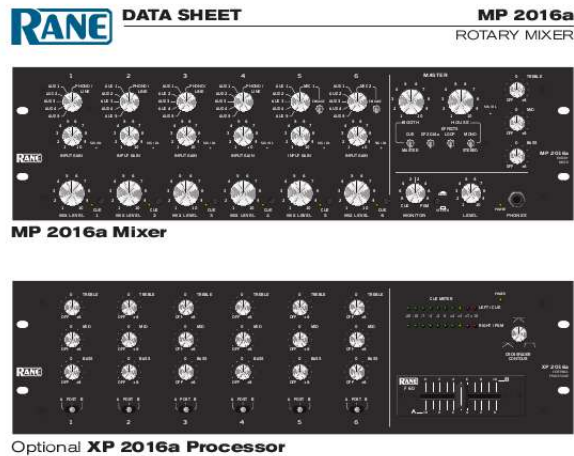




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for RANE MP 2016A. You'll find the answers to all your questions on the RANE MP 2016A 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 2016A
User guide RANE MP 2016A
Operating instructions RANE MP 2016A
Instructions for use RANE MP 2016A
Instruction manual RANE MP 2016A



MP 2016a Features

- Six stereo Input channels
- Four dedicated stereo Phono / Line preamps
- Two dedicated Mic / Line preamps with:
 - Gain trims
 - 2-band Tone controls
 - Engage switches
 - Booth ducking
- Five stereo Auxiliary Inputs
- Input Gain controls for level matching
- Switchable Effects Loop
- Booth Output with Master / Cue source switch

- Separate Pre- and Post-effects Tape Outputs
- Master *Accelerated-Slope™*, full-cut, 3-band Tone controls
- Audiophile / Studio sound quality; Uses highest-quality ALPS pots
- Split Cueing with high power headphone amplifier

XP 2016a 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:

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 MP 2016a improves on the original MP 2016 by adding Split Cue. Individual Cue switches on each channel drive a panning Master / Cue control for the Headphone output. The Master Mix circuit provides Signal/Overload indicators, Mono switch and high-pass/rumble filters. @@@@The XP 2016a is intended to mount above or below the MP 2016a. @@@@If all Input channels on the XP 2016a are assigned PostCrossfader, the Mix will be identical to the MP 2016a (with the addition of tone controls for each Input channel). For Crossfader control, simply assign a channel to the A or B side of the

Crossfader.

The Active Crossfader features a full-range Contour control for smooth blending or ultra fast cuts. The Master/Cue Meter follows the source selection of the headphone monitor on the MP 2016a. If Master is selected, the XP 2016a Meter monitors the pre-house-level Master signal. If Cue is selected, the XP 2016a meter monitors the Cue Source. @@@@min.

min. 5% typ. 1 1 1 1 max. max. 5% 5% 5% dBu dBu mW Hz % dBu dBu dBu dBu dB Hz Hz Hz Channel to channel, 1 kHz 1 kHz 2nd-order, range +6 dB to full kill 2nd-order, range +6 dB to full kill 2nd-order, range +6 dB to full kill 150 300 / 150 1% 1% 47.

5k 23k 1.02k/29k 5.11k 77.5 +20 -30/0 0/+30 1% 1% 1% 1% 5% 1 2 2 mV dBu dBu dBu @ 1 kHz Each leg Other / Booth @ 1 kHz 2k load 2k load 600 / 150 18 dB/octave 20 to 20 kHz, 80 kHz BW Input shorted, "A" weighted Input terminated with 150 Input terminated with 150 Differential input impedance

Specification 52 / 16 16 66 / 36 0 +6 Limit 0.5 0.5 1.5 0.5 0.5 Units dB dB dB dB dB 1 kHz Shunted by 200 pF Conditions/Comments Gain (Unbalanced Outputs): 1 kHz, EQ centered, All levels max, add 6 dB for balanced output Max Input Level: Max input before input stage overload, @ 1 kHz Signal-to-Noise Ratio: Input gain set for unity, Tones set flat; Any one mix set to max (all others min), any unbalanced out. Data Sheet- MP 2016a ROTARY MIXER XP 2016a Features and Specifications Parameter Gain Input Impedance Max Input Level Output Impedance Max Output Levels THD+N: Post Crossfader .

.....Crossfader Noise Meters: Type Crossfader: Type Crosstalk Control Feed-through Tone Controls: Treble .

.....

....Mid .

.....Bass Note: 0 dBu=0.

775 Vrms Specification 0 20k +20 100 +20 .01 .1 -82 Peak dBu Active with Contour control -70 -80 4k, Shelving 300 to 4k, Band-pass 300, Shelving max max 5% 5% 5% dBu dB Hz Hz Hz Channel to channel, 1 kHz 1 kHz 2nd-order, range +6 dB to full kill 2nd-order, range +6 dB to full kill 2nd-order, range +6 dB to full kill Limit 1 1% min 1% min typ typ 1 Units dB dBu dBu % % dBu Conditions/Comments 1 kHz, tone flat 1 kHz Max before input stage overload @ 1 kHz @ 1 kHz @ 1 kHz 20 to 20 kHz, 80 kHz BW 20 to 20 kHz, 80 kHz BW Tones set flat Follows MP 2016a Headphone source Agency, Power and Shipping Specifications Parameter Unit: Agency Listing

..120 VAC model ...

.....

..230 VAC model Class 2 Equipment UL, CSA VDE, SELV CE (EMC) CE (safety) Exempt Power Supply: Agency Listing

..120 VAC model

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

.....

..Size

..Weight Shipping: Size

..Weight U.



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