

Welcome to the rotary mixer revival.



The MP2015 represents a perfect marriage of high-quality rotary control surface, state-of-the-art digital signal processing and dual 24-channel USB sound cards. This classy assortment of analog and digital I/O supports mixing vinyl, CD, S/PDIF and USB streaming audio content in any combination.

MP2015

ROTARY MIXER



Features

Different music genres often require different filter and EQ configurations to properly deal with song content. The MP2015 allows performers to adjust Filters, EQs and the Isolator to suit their needs. Channel, Submix and Isolator Filters can be stacked for truly amazing isolation and manipulation of musical elements.

Each PH/CD input can be switched to Phono level, CD deck level, or S/PDIF with 128 dB dynamic range. An AUX input from RCA jacks can be assigned to any input channel.

Two USB ports can connect two computers, each supporting 10 playback and 14 record channels. Play stereo tracks into input channels 1-4 and the Session In. Simultaneously record decks 1-4, Submix, Session In and the Main mix.

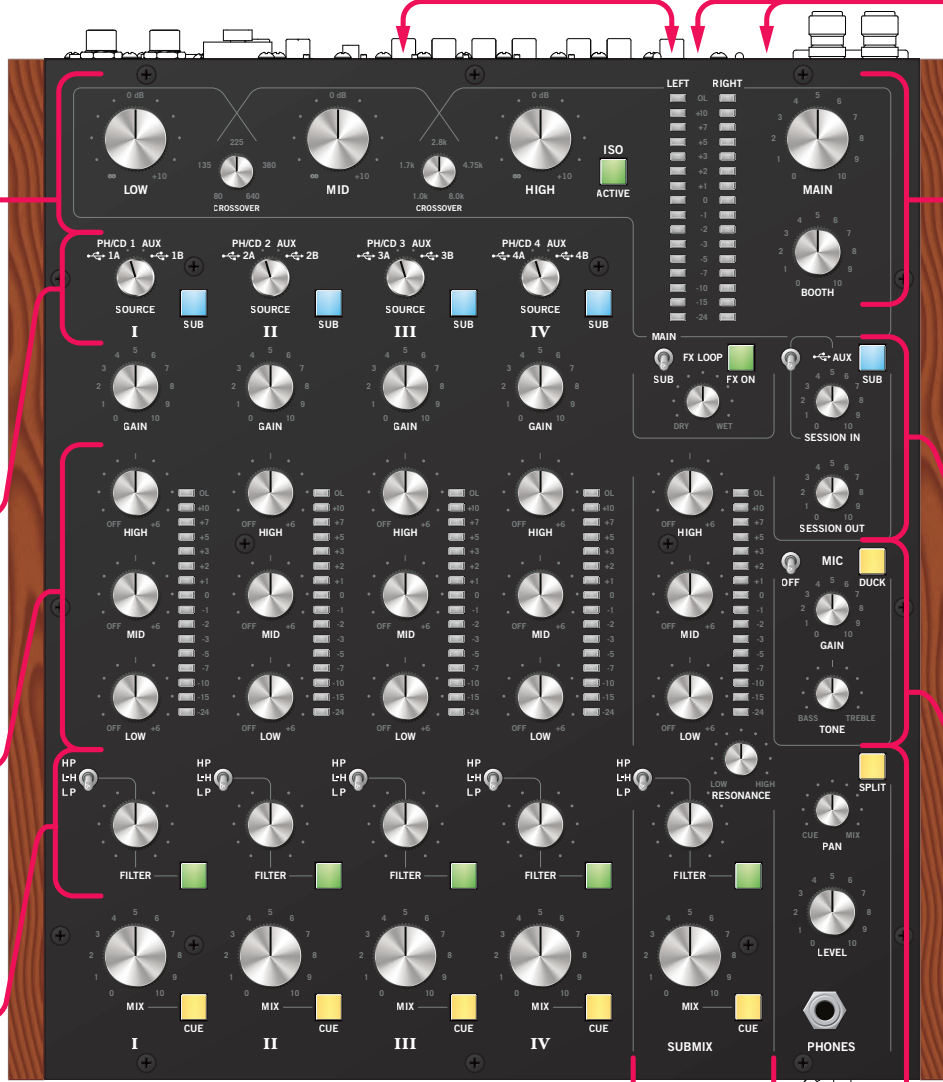
The Isolator EQ on the Main mix has powerful 3-band +10 dB per octave filters with fully adjustable crossover points.

Each input channel selects USB-A, USB-B, PH/CD (1-4) or a stereo line AUX.

- Deck 1 USB playback channels 1-2.
- Deck 2 USB playback channels 3-4.
- Deck 3 USB playback channels 5-6.
- Deck 4 USB playback channels 7-8.

3-band +6 dB to full-cut 12 dB per octave tone filters on each input channel and the Submix (with selectable 300 / 3k or 150 / 6k Hz crossover points in the user control panel*).

A sweepable Low-pass, Low/High-pass, or High-pass 24 dB per octave filter can activate on each input channel and the Submix channel, along with a top panel Resonance control.

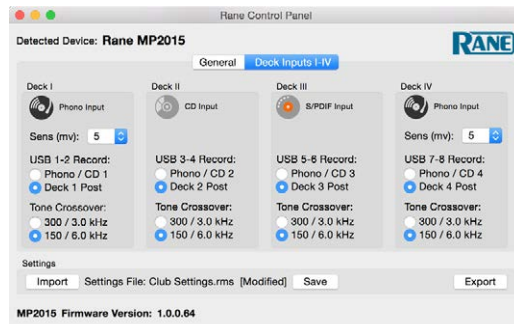


The Main Mix has a 16-segment stereo Meter, XLR Main Outputs with a Level control and TRS Booth Outputs with a Level control.

The Session Output goes to S/PDIF and RCA outputs for recording or chaining mixers together. The Session In source may be RCA, S/PDIF or USB AUX playback channels 9-10. Send it to the Submix channel or the Main Mix with the SUB button.

The Mic input switches for line-level, mic-level, and 48V phantom. The DUCK button lowers the mix by 10 dB while turning the mic on.

Cue any input channels or the Submix with the CUE switches and the Headphone monitor. Pan adjusts the Cue/Main Mono Split or Stereo Cueing. Conveniently located 3.5mm and 1/4" jacks are on the top plate and front panel.



*The user control panel supports MP2015 options and status with a USB 2.0 computer connection. Class compliant MIDI and Audio means no driver is required for Mac OSX. A high performance universal ASIO driver is included to run most DJ and DAW software in Windows.

The unique Submix feature allows grouping any number of inputs for easy multi-source mixing. Control EQ, volume, gain, filtering and effects of multiple channels with one set of controls vs. having to deal with multiple knobs and buttons on multiple channels. This can also be a 5th input channel by activating SUB on the Session In.

The bottom line: this mixer sounds fantastic with vinyl, CDs and music files. The dynamic range is 116 dB from line in to digital/USB out or digital/USB in to line out. THD+N is only 0.0009%. All audio processing is 32-bit floating point with supported sample rates of 44.1 kHz, 48 kHz or 96 kHz.

Description

Rane creates truly professional mixers for the world's best artists and finest sound systems. The new MP2015 lets you push harder with greater audio headroom in volume and filtering than other mixers. As an artist, the instruments you use undeniably influence your expression, inspire creativity and transform good into great. Like the world's best piano or violin, this is an instrument of powerful capability. To be the best, you play the best.

The MP2015 is the ultimate mixing instrument for today's forward-thinking DJ requiring the very best sound quality. This mixing instrument combines powerful and unique features, classic elegance, silky-smooth feel and rugged design.

The control ergonomics have an intuitive and comfortable layout. The custom rotary potentiometers have exceptional feel, rated for a million cycles. The back-lit push switches are the same found on recording studio consoles. Durability extends to the control labels that will never wear off after decades of use.

Let's talk about sound. This mixer is an audiophile's dream, meant to be appreciated on the highest-grade home stereo or mega-club loudspeaker system. Specifications are better than most recording studio components. The very best A/D and D/A converters are used, with a dynamic range of 116 dB and THD+N at 0.0009%. All processing is 32-bit floating point at a selectable 44.1, 48 or 96 kHz sample rate.

Each of the four Deck inputs selects between a turntable or CD deck (analog or S/PDIF), an Aux line, USB port A or USB port B. The S/PDIF inputs have a dynamic range of 128 dB with ultra-low jitter. When using turntables, the RIAA curves are extremely accurate, with steep rumble filters included. The Gain control helps match Deck inputs to each other, with visual assistance from the 16-segment meters with peak-hold.

Two USB ports allow simultaneous connection of two computers, enabling back-to-back sets between laptop DJs running different software without compromise or interruption. Each USB port supports 10 playback and 14 record channels. This lets most DAW programs simultaneously record all four decks, the Sub mix, the Session input and the Main mix. The dynamics of the MP2015 are perfect for DJs that prefer the uncompressed sound of WAV and FLAC files.

A stack of customizable Filter sets make the MP2015 unique. First, tailor each channel source with High, Mid and Low tone controls with a range of +6 dB to full cut, whose crossover points can be changed through USB in the control panel. Then, each source has a switchable High-pass, Low-pass or High/Low-pass sweep effect Filter with an adjustable Resonance control. Finally, a built-in 3-band Isolator Equalizer on the main outputs adjusts each band from +10 dB to off, with adjustable Crossover points between Low / Mid and Mid / High. The Isolator (ISO) easily lets you play with the musical tension by emphasizing and isolating specific elements (beat, bass, vocal, high-hat, etc.) to control the ebb and flow during a mix. No other mixer on the market allows this much tone control variance.

The Submix is great innovation for multi-track DJs, combining 1 to 4 channels plus the Session Input into a Submix, thereby controlling multiple tracks with one set of EQ, Filter, and volume controls. This means turning one knob instead of trying to turn several channel knobs at once. Quickly assign or un-assign any Input to the Submix, which has its own meter, headphone Cue, and USB record output. This is also where an external effects unit can be mixed in, and assigned to the Submix or the Main Mix. The Submix can also be used as a 5th input channel from the Session Input. No other mixer on the market provides this ease of multi-track use.

The studio-grade Mic input accepts either a condenser mic, dynamic mic, or wireless receiver. 48V phantom power is available for a condenser mic. A Duck switch temporarily reduces the music volume for a professional voice-over, and a Tone control helps varied mics sound clear over the music.

Rane doesn't scrimp on the Main Mix, using balanced XLR Main Outputs and TRS Booth Outputs, each with a Level control. Session Outputs have their own Output Level control, available on analog RCA jacks or a digital S/PDIF jack. Session Inputs and Outputs also provide both analog and digital connections. The S/PDIF Session connections allow recording or chaining mixers together without any analog conversion.

The headphone cue system allows mono Split or Stereo Cue/ Mix Panning, with headphone jacks conveniently located on the front and top of the mixer.



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Specifications



All specifications typical unless otherwise stated	
Four Analog Deck Inputs	Each is Phono-CD-S/PDIF switchable
....Analog Stereo RCA jacks	Phono (RIAA) or CD (line-level)
.....Phono Response	RIAA +0.1/-0.2 dB, Gain: 31 dB at 1 kHz
.....Butterworth 3rd-order Infrasonic (rumble) and 2nd-order Low-pass Filters	
.....Max Phono Input	126 mV
.....Max Line Input	4 Vrms, all unbalanced inputs
....Digital S/PDIF RCA jacks	Input 16-bit or 24-bit PCM only
.....Dynamic range of 128 dB with ultra low jitter and 16:1 SRC conversion range	
Analog Aux Input: Line Level	Stereo unbalanced RCA jacks
Session Analog Input: Line Level	Stereo unbalanced RCA jacks
Session S/PDIF Input / Output	RCA jacks (Dynamic range of 128 dB)
....Input 16-bit or 24-bit PCM only	Sample Rate 16 kHz to 144 kHz
Analog to Digital Converters	24-bit @ 44.1, 48, or 96 kHz
Digital to Analog Converters	24-bit @ 44.1, 48, or 96 kHz
Digital Signal Processing	32-bit floating point
...Dynamic Range	
.....Digital/USB Input to Line Output	116 dB A-weighted
.....Line Input to Digital/USB Output	116 dB A-weighted
.....Line Input to Line Output	113 dB A-weighted
...THD and Noise	0.0009%
USB 2.0 Audio (2 Independent Ports)	Seven stereo record, Five stereo playback
....PCM	24-bit @ 44.1, 48, or 96 kHz
....Class Compliant	No driver needed for Mac OSX Lion
....Universal ASIO driver included for Windows 7-SP1, Windows 8 and 8.1	
FlexFX Send / Return	Stereo unbalanced RCA jacks
Mic Input	Balanced ¼" TRS & XLR combo jack
....+48V Phantom Power switch	Turn on for a condenser mic
....Mic / Line-level switch	Choose Line to connect a wireless receiver
Line Outputs	Main, Booth, Session, FlexFX Loop Send
....Frequency Response	20 Hz to 20 kHz ±0.25 dB
....Unbalanced jacks (Session & FlexFX)	Max 4 Vrms
....Balanced jacks (Main & Booth)	Max 8 Vrms
Universal Power Supply: 100 to 240 VAC	Max 20 W, 50 Hz to 60 Hz
.....Transient voltage and EMI protection,	turn on muting and overload protection
Unit: Conformity	CE, FCC, cULus
Size: 35.5 cm x 33.3 cm x 8.3 cm	14" H x 13.1" W x 4.3" D (includes knobs)
....Weight: 5.8 kg	12.7 lb
Shipping Size: 19.7 cm x 38.1 cm x 49 cm	7.75" H x 15" W x 19.25" D
....Weight: 7 kg	15 lb



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