



General Description

The Rane MP26 mixer satisfies the audio and ergonomic demands of performing DJs in a 19" rack format preferred by night-clubs, with a shallow design that drops into a mobile rig. The MP25 (4U high) and MP26 (5U high) come from the same USB mixer design, with the the MP26 adding internal digital effects.

Sporting two microphone inputs, four studio-grade phono preamps, four analog aux inputs, four low-latency stereo USB inputs, analog and USB effects insert loops, internal effects processor, and a variety of analog and digital outputs; the MP26 remains rooted in analog tradition while reaching new heights of digital connectivity.

Reliable, low-latency, multi-client ASIO and Core Audio drivers interface the MP26's twenty-two USB audio channels directly to your favorite multi-track mixing, beat-making, looping, effects, and recording applications. Additionally, the MP26's front panel controls are MIDI enabled, allowing manipulation of software parameters directly from the mixer's control surface.

Features

INPUTS

- Four individually switchable stereo Phono/Line inputs.
- Four stereo Auxiliary inputs.
- Four stereo USB playback inputs.
- Two microphone inputs with optional Talkover ducking:
 - One with front and rear panel connectors.
 - One with a line-level input option.

OUTPUTS

- Stereo Main Outputs on balanced XLR and unbalanced RCA:
 - Rear panel Mono/Stereo switch.
 - Rear panel Max Out level attenuator.
- Stereo balanced ¼" TRS Zone and Booth outputs:
 - Auto-mono output on both Left and Right jacks.
- Stereo Record outputs on RCA, S/PDIF and USB.

USB

- Four stereo playback channels stream audio directly from your favorite playback, mixing, beat-making, and looping applications to the MP26's digital mixer engine.
- Four stereo record channels stream the four post-fader program channels to your audio application for multi-track recording. A fifth stereo record channel streams Mic 1, Mic 2, or the Main Mix to your recording application.
- The USB Effects Loop enables insertion of stereo computer-based effects processors into the MP26's powerful FlexFX bus.
- Low-latency ASIO / Core Audio drivers eliminate delay between the control input to audio software and the audible result.
- Multiclient ASIO / Core Audio drivers allow multiple software apps to simultaneously stream audio to and from the mixer.
- The MP26 MIDI device exposes the MP26 front panel as a MIDI controller, allowing control of audio application parameters using the mixer's control surface.
- Sync MP26 effects to audio applications using MIDI beat clock.

Features and Specifications

Parameter	Specification
Phono/Line, Aux, FlexFX Inputs	4 stereo unbalanced RCA jacks
.....Phono or Line Level	Rear panel switch for each Phono/Line input
.....Phono Response	RIAA curve ± 1 dB, Gain = 36 dB @ 1 kHz
.....Max Phone Input	63 mV @ 1 kHz
.....Max Line Input	4 Vrms
Mic Inputs	Balanced 1/4" TRS & XLR combination jacks
.....Mic 1	Front and rear panel jacks
.....Mic 2	Rear panel jack with Mic/Line-level switch
.....Max Input (Mic Level)	185 mVrms (-12.5 dBu)
.....Max Input (Line Level)	3.7 Vrms (13.6 dBu)
.....EIN (Equivalent Input Noise)	-110 dBu
FlexFX	Unbalanced 1/4" TS
.....Send	Auto-mono, Left and Right Output jacks
.....Return	Auto-mono, Left and Right Input jacks
Outputs: Main, Zone, Booth, Record, FlexFX	Balanced XLR & 1/4" TRS, unbalanced RCA & 1/4" TS
.....Frequency Response	20 Hz to 20 kHz, +0.25 dB / -1.5 dB
.....THD+N	<0.03% re 0 dBFS, 20 to 20 kHz, 20 kHz BW
.....Max Output (RCA and Unbalanced 1/4" TS)	4 Vrms
.....Max Output (XLR and Balanced 1/4" TRS)	8 Vrms
.....Zone/Booth	Auto-mono, left and right jacks
.....Main Output	Mono switch, rear panel attenuator (0 to -24 dB)
Dynamic Range, Line Input to Line Output	100 dB A-weighted
Analog to Digital Converters (ADCs)	24-bit, 48 kHz; Dynamic range 101 dB A-weighted
Digital to Analog Converters (DACs)	24-bit, 48 kHz; Dynamic range 107 dB A-weighted
Digital Signal Processing (DSP)	48 kHz, 32-bit, floating-point
USB Audio	48 kHz, 32-bit, floating-point
.....Stereo Record Channels	6
.....Stereo Playback Channels	5
Universal Internal Power Supply	100 to 240 VAC, 50 Hz to 60 Hz, 12 W max
USB Power	Mixer is self-powered
Unit: Agency Listing	c/CSA/us
.....Construction	All Steel
.....Size (Inches)	8.75" (5U) H x 19" W x 4.4" D
.....Size (Metric)	22 cm x 48.3 cm x 11 cm
.....Weight	10.1 lb (4.58 kg)
Shipping: Size (inches)	21.5" L x 11.875" W x 7.25" D
.....Size (metric)	54.6 cm x 30.2 cm x 18.4 cm
.....Weight	15 lb (6.8 kg)
<i>Notes: 0 dBu=0.775 Vrms. All specifications are typical unless otherwise stated.</i>	

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Two Mic Inputs

- Mic 1 allows connection to either front or rear jack.
- Mic 2 allows switchable Mic or Line level Input.
- Record Mic 1, Mic 2, or the Main Mix via USB.

Each Mic includes

- Pan and 2-band full-cut tone controls.
- FlexFX bus assignment to effects.
- Talkover mode engages the mic and automatically ducks all other program inputs by 10 dB.

Four Program buses each include

- Selection of a Phono / CD Input, USB playback Input, or any of the four Aux Inputs.
- 3-band full-cut tone controls.
- Sweeppable Low-Pass / High-Pass filters.
- Crossfader A, B, or Post assignment.
- FlexFX bus assignment.
- Pre-fader cue bus assignment.
- 60 mm long-throw program fader.

FlexFX™ Bus

Routes all assigned audio channels to individually selectable analog, USB and internal effects loops. The analog loop provides Send and Return Level controls, and auto-mono unbalanced 1/4" TS connectors. The effected signal may be assigned to the Cue bus.

Main Output (XLR and RCA) includes Balance and Level controls, and rear panel Mono and 0-24 dB attenuation controls.

Zone Output with a Level control and auto-mono balanced 1/4" TRS outputs.



The **Booth** Output includes a Level control and auto-mono balanced 1/4" TRS outputs.

Phones accept both 1/4" and 3.5 mm plugs. Level, Pan and Split Cue controls support different monitoring styles.

The **Crossfader** is a no-noise, no-bleed magnetic fader with three contour settings.

Six **Internal Effects**, with seamless switching between effects.

The **Main Mix** may be assigned to the FlexFX bus and Monod.

FlexFX

The FlexFx architecture in the MP26 is more powerful than typical effect insert solutions. The architecture includes the FlexFx Bus, an auxiliary bus routed to the FlexFx Loop which includes two independent effects inserts. Any combination of PGM 1-4 and Mic 1-2 may be routed to the FlexFx Bus. Any combination of external analog and USB effects may be applied within the FlexFx Loop. It's possible to cue and meter the FlexFx Loop return. You may also bypass the entire FlexFx Loop using a single button to instantly punch in and out a combination of effects. The final FlexFx Level controls the amount of the FlexFx audio in the Main Mix. The FlexFx architecture allows you to quickly apply any combination of effects to a variety of sources to produce unique, compelling mixes on the fly.

The order of processing in the MP26's FlexFx architecture is:

- ① Independent FlexFx assign for PGM 1-4 and Mic 1-2, or assign all sources simultaneously with the Main FlexFx button.
- ② Internal Audio Effects, with Send and Return Levels.
- ③ External Analog Insert, with Send and Return Levels.

- ④ USB Insert.
- ⑤ FlexFx Loop return Cue and Meter.
- ⑥ FlexFx On (FlexFx Loop Bypass).
- ⑦ FlexFx Mix Level control.

Internal Audio Effects — The six built-in effects are: Filter, Flanger, Phaser, Hold Echo, Robot, and Reverb.

External Audio Effects — Any stereo effects unit connected to the Send and Return can be inserted independently or in combination with other effects. The external analog loop includes Send and Return Levels to match mixer and processor audio levels.

USB Effects — Your favorite VST effects plug-ins on your computer can be inserted independently or in combination with other effects using the FlexFx USB Insert.

MP26

CLUB MIXER



Rear Panel



Included with the MP26:

- MP26 Mixer
- 1 USB cable
- IEC C5 line cord
- Printed color manual
- Driver install disc



Software Recommendations

ASIO and Core Audio software applications are compatible with the MP26, which includes a low-latency, USB 2.0, high-speed, 10-input, 12-output audio interface. The MP26 front panel controls are MIDI-mappable in supporting software.

The MP26 ASIO and Core Audio drivers require the following minimum system:

- PC: XP, Vista, Windows 7.
- Mac: OSX 10.5 or higher.
- System Memory: 2 GB or more.
- Processor: 2 GHz single core or better.

Visit the MP26 page at www.rane.com/mp26.html for the most recent drivers and links to third-party software.

Stereo USB Playback Inputs and Record Outputs

