

MONO AUDIO INPUTS - Channels 1-6 each feature two mono inputs that can be selected or summed via the 3-way toggle switch (A/B) in the channel strip section.

STEREO AUDIO INPUTS - Channels 7 & 8 are both true Stereo channels with two inputs each. Each input is routed to the left and right master outputs. Channels can be mono if only the left input is used.

MIX IN - Stereo unity gain inputs for adding a sub-mix from another mixer or external audio source.

SEND OUTPUTS - Stereo send for routing to external audio processors such as a bus compressor.
RETURN INPUTS - Stereo unity gain inputs for returning audio signals from external audio processors or any stereo external audio source. Plugging in here will cut the main signal going to the outputs.

AUX I/O SECTION -

AUX RETURN - Two mono, unity gain inputs for returning signals from the Auxiliary outputs or any mono audio source. Sums to the main mix at unity, mono to stereo.
AUX OUTS - Mono output for routing signals to external gear via the AUX control for each channel.
AUX CV INPUTS - Control the master level of the AUX outputs with CV.

A | A B | B SWITCH - Use this switch to select which input you will hear on that channel. AB Sums the two inputs together at unity gain.

GAIN KNOB - Attenuate or boost the incoming signal up to 12 dB.

CV INPUT SECTION - CV Inputs for Level and Pan control over each channel respectively.
LEVEL expects a unipolar (0-5V) signal, the channel fader acts as an attenuator.
PAN expects a bipolar signal (-5V to +5V), the pan pot acts as an offset.

PAN KNOB - Left or Right? The decision is yours. Pan position is visually indicated by PAN LEDs.

FADER - Level control from -infinity (symbol) to +5dB. Below -30dB, the signal is cut completely to eliminate bleed from the signal path.

PRE | POST | X SWITCH - Select whether you'd like the channel to be sent to the aux before or after the position of the fader. **PRE** disregards fader level meaning the signal is sent to the aux attenuator at unity even if the fade is all the way down. When switch is set to **POST**, the signal sent to the aux is dependent of the fader's position. The middle turns off the AUX send for that channel. Why two ways to mute the AUX for each channel? Set and forget one, perform with the other!

AUX SWITCH - Selects which AUX to send to. Middle position is off.
AUX KNOB - Attenuates the amount of each channel's signal being sent to the AUX out.

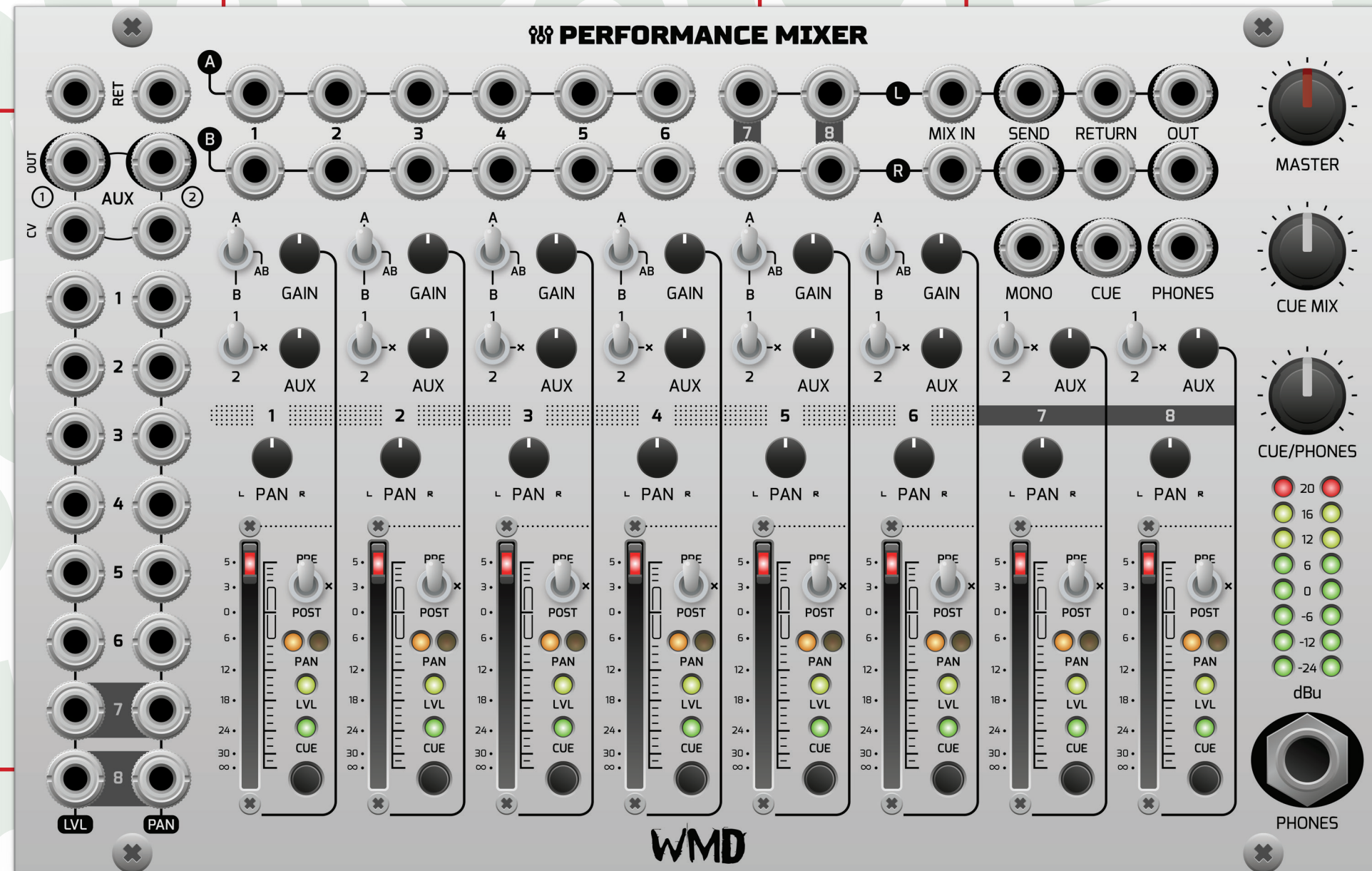
OUT - Master stereo outputs. This is where the entire mix comes together. Level controlled by the **MASTER** knob.

MONO OUTPUT - The entire mix is summed to mono then sent out of this output. This output is dependent of the **MASTER** knob's level. Sum all inputs to mono to check your mix or to simplify your out, or to route to sub woofer amps.

CUE OUTPUT - Unity gain sum of all cued channels. Not affected by the **CUE MIX** knob.

DBU METER - Level of the internal Mix bus. This is not affected by the **MASTER** knob.

PHONES OUTPUTS - Stereo output with built in headphone amplifier in both 3.5mm and 1/4" configurations. No adapter? No problem. Collaborating? Have no fear, both outputs work simultaneously. Output source is determined by the **CUE MIX** knob, level from the **CUE/PHONES** knob.



PERFORMANCE MIXER



WHAT DOES IT DO?

With the renaissance of modular in full swing, people are playing out more and still lugging big consoles to gigs. Most of these boards are not ideal for modular, let alone live patching.

The WMD PERFORMANCE MIXER combines a traditional four bus console with a DJ mixer and adds CV over nearly everything. The PM gives you fast control over your signal flow with an intuitive interface to make live patching on stage or in the studio predictable and on point.

The Cue system and selectable input routing allow patches to be tested before going to the mains giving you confidence during improvisation.

The signal path is extremely clean and quiet, with VCAs that close completely, and without popping. The faders are like a

warped "S", giving a natural response. Panning is equal power that fully closes on full rotation.

The inputs and gain circuit can be overloaded nicely, without fear of damage or bleed. You can blast the main mix hard, it will clip but doesn't get nasty until you really push.

The PM MUTES expander groups the mute buttons for channels 1-8, 9-10 (channels expander), and Aux 1 and 2. The expander also provides Aux send level for channels 1-4.

Eight channels (two stereo) provide enough room for drum mixes and multiple voices. If eight is too few, you can sum another mix directly with the PM's main mix. There is also a stereo PM CHANNELS expander module.

SPECIFICATIONS

PERFORMANCE MIXER:

- Size: 40HP wide, 45mm deep
- Power consumption: +450mA, -430mA
- Channel gain (1-6): +-12dB
- Fader level: OFF to -30dB to +5dB gain
- Headphones: 10dBV High Quality Stereo Output

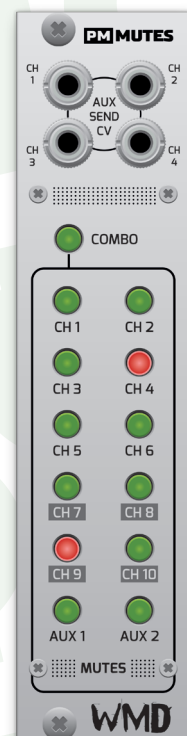
PM MUTES EXPANDER:

- Size: 6HP wide, 45mm deep
- Power consumption: +20mA, -5mA

PM CHANNELS EXPANDER:

- Size: 10HP wide, 45mm deep
- Power consumption: +120mA, -120mA

PM MUTES EXPANDER



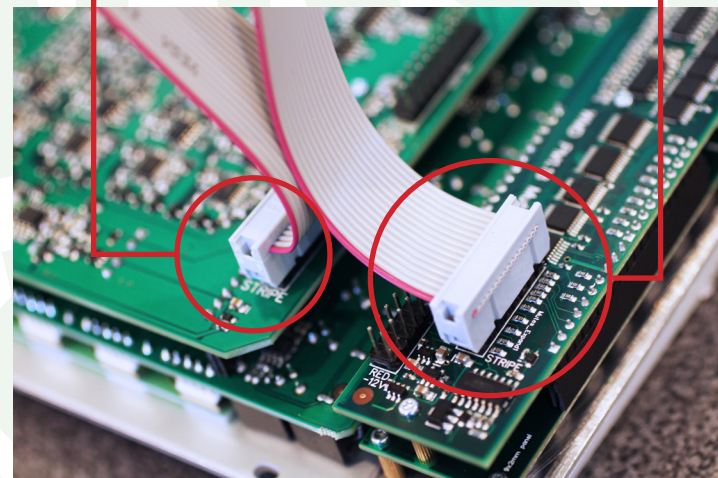
PM MUTES Allows you to directly mute any channel or group of channels instantly. It also adds CV control over channel 1-4's AUX sends.

AUX SEND CV - Independent CV control over the aux send level of the first 4 channels on the mixer. Aux knobs become offsets for CV.

MUTES - Push to mute. Button turns red when channel is muted.

COMBO - Mute or unmute multiple channels at once by holding this button and selecting which channels you'd like to mute. Action will occur on release of the COMBO button.

Simply attach the included cable to the 16-pin connectors on the bottom of the PM MUTES and the bottom right of the PERFORMANCE MIXER, keeping the red stripe down.



PM CHANNELS EXPANDER



PM CHANNELS puts two more stereo channels at your fingertips.

INPUTS - Two sets of Left and Right inputs for each stereo channel. Use Left for mono.

A / B SWITCH - Use this switch to select which set of inputs you will hear on that channel. AB Sums both sets of inputs together at unity gain.

CV INPUTS - Voltage Control over Gain, Level, Pan, and the Aux Send level for both channels

Simply attach the included cable to the 20-pin connectors on the upper left of the PM CHANNELS and the top right of the PERFORMANCE MIXER, keeping the red stripe down.

