

# CHOP SHOP MASTER™



## LEFT & RIGHT INPUT

**FEATURE:** The stepped INPUT LEVEL CONTROLS allow the engineer to set precise balance & operating levels. This feeds the equipment selected via the INSERT BUTTONS.

**BENEFIT:** Precise, repeatable moves with impeccable imaging at every volume. Hit outboard gear in the sweet spot - some like it hot, others do not.

**TIP:** Center stereo images mixed in not-so-perfectly calibrated rooms in 0.5 dB steps.

## IN 1-2

**FEATURE:** IN 1-2 selects the stereo input to process.

**BENEFIT:** Compare and contrast different mix sources.

**TIP:** Normal a D/A to the first input and wire the second input to a patchbay or tape machine.

## S&M

**FEATURE:** Determines whether INSERT 2 is in STEREO or MIDDLE SIDES mode.

**BENEFIT:** Split stereo into MIDDLE and SIDES. This allows the engineer to resuscitate seemingly unsalvageable tracks by altering vocal levels without touching the mix, by fixing overly wide or narrow stereo fields, by de-essing aggressive cymbal hits while leaving the center lead untouched or compressing the center for level and punch, without destroying the stereo image. Make it loud while preserving dynamics!

## IN-OUT MON

**FEATURE:** IN-OUT MON selects whether the input (preprocessed) or output (post processed) is routed to the MONITOR OUTPUT jacks.

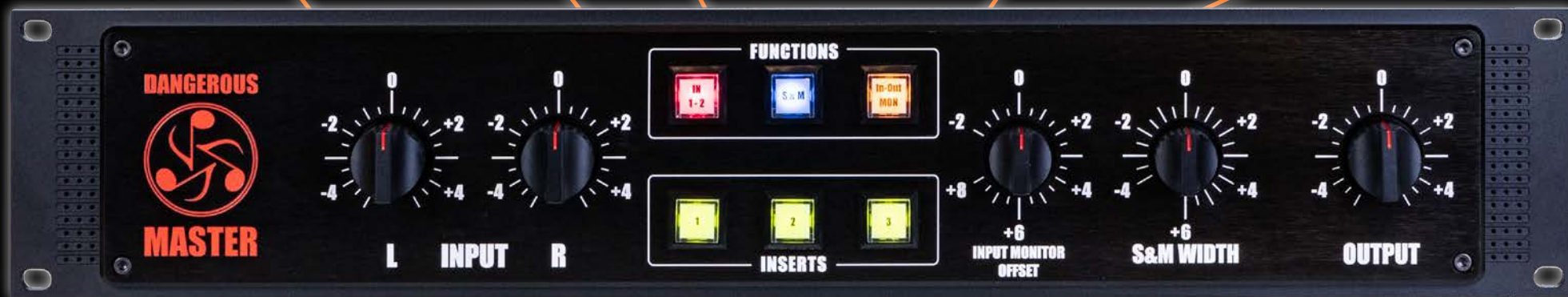
**BENEFIT:** A/B between the original and your mastered version.

## INPUT MONITOR OFFSET

**FEATURE:** Adjust the level of the INPUT MONITOR to match the output level.

**BENEFIT:** Reference original and mastered versions without volume bias clouding one's judgment.

**TIP:** By matching input & output levels, the relative gain obtained from the mastering process may be determined, since this control has a scale of -2 to +8dB in 0.5 dB steps.



## INSERTS 1-3

**FEATURE:** Connect your favorite analog outboard gear here.

**BENEFIT:** Instantly audition or bypass different combinations.

**TIP:** Need more inserts? Either gang the gear or wire one to a patchbay. Remember... more isn't necessarily better.

## INSERT 2

**FEATURE:** This insert may be operated in STEREO or MIDDLE SIDES mode as dictated by the S&M switch.

**BENEFIT:** Alter the center pan information of a mix without affecting the sides and vice versa.

**EXAMPLE:** The lead vocal is too bright, but the guitars panned to the sides are dull? Use a stereo EQ in S&M to fix both problems!

## S&M WIDTH CONTROL

**FEATURE:** Adjust the width of the stereo image. (S&M button must be engaged).

**BENEFIT:** Widen or narrow the stereo field after the mix is in the can.

**TIP:** Even with INSERT 2 deactivated, audio will pass through the matrix if the S&M switch is selected.

## OUTPUT CONTROL

**FEATURE:** Determines the final level presented to the A/D converter. The range is 10dB in 0.5 dB steps.

**BENEFIT:** Hit the subsequent A/D converter or 2-track with the perfect level.

**TIP:** Periodically run the switches through their travel to gently spread the lubricants around inside and wipe the contacts clean. Contact cleaners will wash the grease out.



# FACT SNACK

## INPUTS 1 & 2

**FEATURE:** Inputs are accessed on standard XLR(F) Neutrik connectors.

**BENEFIT:** (1) Locking connectors avoid mishap and skullduggery. (2) Superior surface area contact than a balanced 1/4" jacks means more excited electrons (more signal). (3) Neutrik means a better fit than a simulacrum.

## INSERTS

**FEATURE:** Connect 3 stereo analog outboard processors or chains of processors here on balanced sends and returns.

**BENEFIT:** A/B different combinations of outboard gear, while maintaining a balanced signal all the way through.

## INSERTS EXAMPLE

**TIP:** INSERT 1 place a stereo EQ here to set the tone correct for the rest of the stack.

INSERT 2 place a parametric EQ, De-Esser & Limiter here to fix any problem with a mix.

INSERT 3 place a Compressor here to control dynamic range for loudness.

## CHASSIS & GROUND

**FEATURE:** Utilized for grounding systems where the chassis and audio ground need to be separate (but equal).

**BENEFIT:** Know what it means to telescope your shields? Drop in a grounding bus bar? Then this is for you.



## BORN IN THE USA

**FEATURE:** Hand assembled in the USA.

**BENEFIT:** Superb quality control and employment record.

## MAIN 1 & MAIN 2 OUTPUTS

**FEATURE:** Feed any 2-track mixdown medium. (i.e. external A/D converter, laptop, field recorder, CD writer, analog 2-track or back into the session).

**BENEFIT:** Often 2 different A/D converters or mediums are auditioned to determine the most suitable destination for the program material.

## MONITOR OUT

**FEATURE:** Feeds the analog input of a DANGEROUS MONITOR, DANGEROUS MONITOR ST or an existing console.

**TIP:** The MON OUT switch on the front panel will determine the signal sent. Either the input signal (post INPUT LEVEL and INPUT MONITOR OFFSET) or the output signal (post processing).

## AC IN

**FEATURE:** External Power Supply (100-130v, 200-250v user selectable)

**BENEFIT:** Spec'd specifically to increase headroom and lower the noise floor. One model for use anywhere in the known world.

**TIP:** Plug in here first and then switch the supply on - always the way to go.