



UnderToneAudio™

MPDI-4
WTF GUIDE
v 1.0

Phase:

Flips phase of output signal 180 degrees (only when output transformer is engaged).

Output Pad:

Toggles on/off the -10 dB output pad (only when output transformer is engaged). Allows for increased gain/distortion from Mic Gain without clipping most A/D converter inputs.

Front Panel input:

XLR is for microphone input and 1/4" is for DI instrument input. Using either will automatically disengage the signal coming from the rear inputs.

Output Transformer:

Toggles on/off the output transformer.

Load:

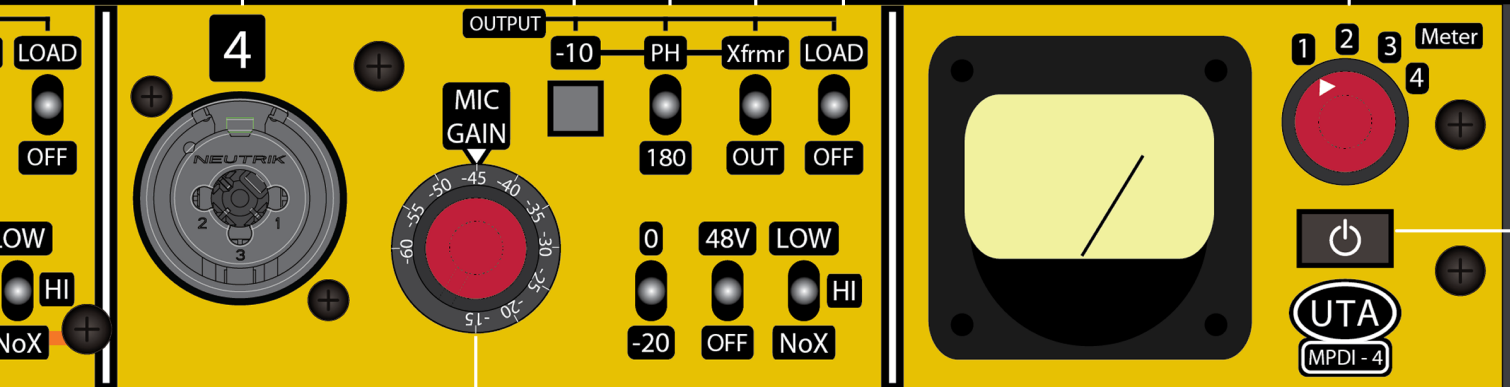
Toggles on/off the optional 600Ω Load on the output. The 600Ω Load adds additional harmonic coloration that can sound very musical in certain situations.

Meter select:

Selects which mic-pre channel's signal the VU meter shows.

Power button:

Turns the unit (and hopefully you) on.



Mic Gain:

This rotary switch allows you to adjust the amount of gain on the mic pre from -10 dB to -60 dB in 5 dB steps.

Input Pad:

Toggles on/off a -20dB pad before the input stage.

48V:

Toggles on/off +48v phantom power for the microphone input.

Input Transformer:

This toggle switch selects the input transformer mode.

- **LOW:** Configured for a low source impedance. Works especially well for passive ribbon microphones. Adds 3 or 4 dB of gain with no additional amplifier noise.

- **HI:** Best for adding input transformer coloration for dynamic or condenser microphones.

- **NoX:** No input transformer. Same input impedance and gain as the "HI" mode. It is a stunningly pristine sound with the highest degree of clarity and detail. NOTE: switching to or from the "NoX" mode will cause a loud low frequency thump (similar to turning the 48V on/off). Be sure you turn down your speakers or headphones when engaging switch.