

The Maag Audio EQ2™ (500 Series) is a no compromise one channel 2 band equalizer with AIR BAND®, Low Mid Frequency (LMF) bell boost from SUB to 1.4 kHz, and an INPUT ATTN to control down to -12.5 dB of attenuation. The EQ2's AIR BAND® is equipped with an additional sassy frequency selection @ 15 kHz, making the EQ2 hard to resist in any situation. The LMF provides both tight or wide bell curve options to dial in the perfect amount of warmth on the 2-bus. When it comes to tracking, the EQ2 will quickly become your favorite preamps' "better half" by controlling the input (INPUT ATTN) (great for correcting over driven mic preamp transformers) before eq'ing with the versatile AIR BAND and LMF. The EQ2 is compatible with the API 500-6B lunchbox® and 500VPR rack systems and any other 500 Series spec rack.

Following its EQ4® predecessor, the EQ2 provides unparalleled transparency and top end presence with the same high quality components found in the powerhouse 6 band EQ4. EQ adjustments are obtained with minimal phase shift and detent controls allow for easy recallable settings, even on the INPUT ATTN.

AIR BAND®

Boost only shelf at 2.5 kHz, 5 kHz, 10 kHz, 15 kHz, 20 kHz, or 40 kHz. Frequencies below the shelf peaks are also affected due to the transitional slope.

AIR BAND GAIN

Gain control for the AIR BAND (+15 dB)

LMF

Low Mid Frequency selector. Bell curve boost at Sub, 40 Hz, 57 Hz, 65 Hz, 88 Hz, 150Hz, 220 Hz, 250 Hz, 400 Hz, 1 kHz, or 1.4 kHz.

LMF GAIN

Gain control for the LMF (+15 dB)

PEAK

Red LED starts to illuminate when the output signal reaches 23 dBu

SIGNAL

Green LED indicates audio signal presence. Illumination starts @ -28 dBu



AIR BAND IN/OUT

Engages and disengages the AIR BAND

LMF IN/OUT

Engages and disengages the LMF

LMF Bell Selection

Choose between tight (Red) or broad (White) bell curves

INPUT ATTN

Input attenuator (0-12.5 dB)

Specifications

*Specification	Value	*Specification	Value
Frequency Response	-2dB points, 10Hz & 75kHz	Headroom	+27 dBu
Nominal Input Impedance (XLR)	48 K Ohms, balanced	THD + Noise	< 0.005%
Nominal Output Impedance (XLR)	50 Ohms, balanced		

*Specifications subject to change without notice.



www.maagaudio.com

EQ2™ Operation Notes & Product Warranty

Model: EQ2-500

Operation Notes

Because of the Maag Audio EQ2's unique design, phase shift is very minimal. This helps the user maintain the integrity of the original sound and enhance the "Airy" frequencies, while tonally shaping the sound from the top to the bottom. The lack of phase shift and the AIR BAND® make the EQ2 great on anything that needs EQ shaping.

Product Warranty

Maag Audio expressly warrants its products for a period of one (1) year from the date of purchase. Products will be free of manufacturing defects. Within the warranty period, a product will be tested, repaired or replaced at the sole discretion of Maag Audio, free of charge. All warranty service will be conducted through authorized Maag Audio dealers only. The end user is required to provide proof of purchase (receipt or invoice) of the product. This warranty is offered solely to the original purchaser of the product from an authorized Maag Audio dealer and is not transferable. This warranty does not include the shipping charges to and from the authorized Maag Audio dealer from whom the product was purchased. Maag Audio will pay for shipping costs between the dealer and Maag Audio. All warranty service requires a Maag Audio issued RMA number. Please conduct warranty service communication with an authorized Maag Audio dealer.

Warranty Exclusions

The foregoing express warranty is made in lieu of all other product warranties, expressed and implied, including merchantability and fitness for a particular purpose which are specifically disclaimed. The express warranty will not apply to defects or damage caused by post purchase shipping and transportation, storage, careless handling, nor damage caused by misuse, hot swapping, use in non-500 Series specification lunchbox, accidents, neglect, alterations, operator error, or failure to properly maintain products.