



TRP3 Two-Channel Half-Rack Mic Preamp



As the newest iteration of our classic TRP design, the TRP3 achieves unprecedented sound clarity with a combination of updated, modernized circuits and the tonal warmth so embedded in every AEA design.

While all AEA preamps share similar topology and sound, each unit differs in terms of features and form factor. The TRP3 packs a punch as a half-rack powerhouse, providing unmatched levels of clean gain and open, natural sound. Drawing on its predecessor, the TRP3 offers all the classic features of the TRP2 with the added benefit of more straightforward control markings and a responsive high-pass filter that, together, faithfully reproduce even the smallest details of microphones and other sound sources.

Equally well-equipped for ribbon, condenser and dynamic microphones, the dual-channel TRP3 delivers all the gain power of our RPQ3 in a more compact, half-rack package.

Spec Overview

US Retail Price: \$1299

- Two-channel, high-gain, half-rack mic preamp
- Ultra-high 68K Ω input impedance (phantom power off)
- 7 to 85 dB of gain
- 48V phantom and polarity switch
- HPF switchable -3dB at 115 Hz or 230 Hz
- External PSU
- Optional rack ears (for one unit) or rack shelf (two units) for mounting purposes

TRP3 SPECIFICATIONS

Max Gain at 1 kHz: 85 dB

EIN (Max gain, 22 Hz to 22 KHz, unweighted):

- 130 dBu (typical), 40 Ω source
- 128 dBu (typical), 150 Ω source

Frequency Response:

- 30 dB gain: (-0.5 dB from <10 Hz to 200 kHz)
- 85 dB gain: (-3 dB 9Hz to >200 kHz)

THD+N: 0.0015% (1 kHz, 22 Hz-22 kHz @30 dB Gain +4 dBu output)

XLR Output Max Level: +27 dBu into 600 Ω load

Input Impedance: 11.3 k Ω (with Phantom), 68 k Ω (no Phantom)

Output Impedance: 50 Ω

Max Input Signal Level: +20 dBu (minimum gain)

Stepped Gain Control: 12-position switch from +7 dB to +65 dB

Output Trim: Continuously variable from 0 dB to +20 dB

EQ Circuitry:

- Switchable, passive first-order high-pass filter
- Selectable frequencies (-3 dB) at either 115 Hz or 230 Hz

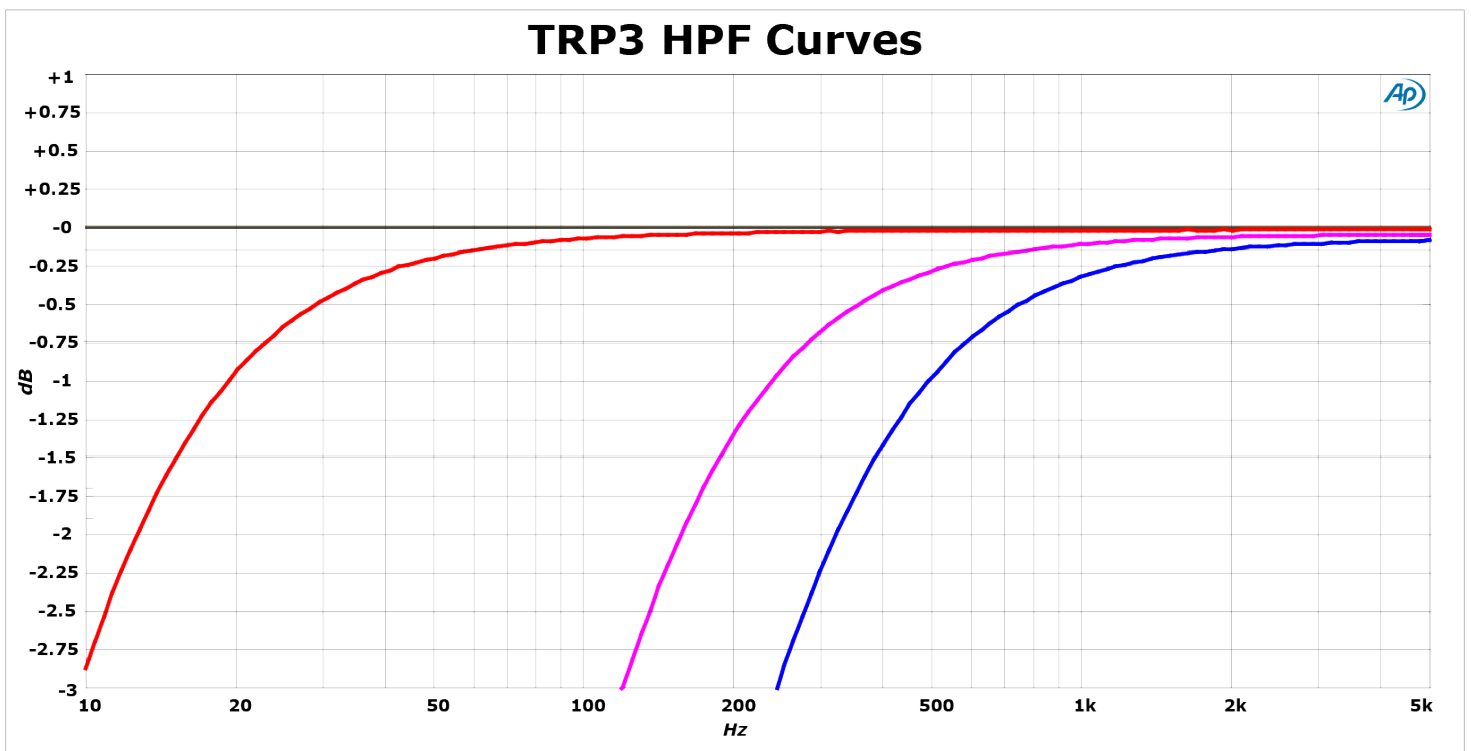
Input and Output XLR Polarity: Pin 2 hot

LED Signal Level Indicators:

Green LED \cong -20 dBu;

Yellow LED = 0 dBu;

Red LED \cong +20 dBu (clipping +27 dBu)



AEA TRP3 PREAMP SINGLE LINE DRAWING

