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FOR IMMEDIATE RELEASE

RTZ Audio Introduces the PEQ-1549 Parametric Equalizer for the 500 Series Format.

Alpharetta, GA – May 14, 2013 – RTZ Audio introduces a new four band parametric equalizer inspired by the vintage British equalizers for the 500 format. The PEQ-1549 includes four band parametric equalizers and high-pass and low-pass filters all elegantly squeezed into the 500 module form factor. It uses line drivers and receivers from THAT Corporation and is also available with a Lars Lundahl LL2811 output transformer option. In addition, the PEQ-1549 contains additional band switching options for high frequency air-band mode and a high-mid band 2X mode. All the frequency points and curves have been painstakingly tweaked and optimized for maximum sonic performance and musicality.

“The PEQ-1549 is the result of collaboration between Eric Ingram of Ingram Engineering and RTZ Audio. My partner Rick Chinn, Eric and myself have been working on this project for over two years in excruciating detail”, says Bob Starr, owner of RTZ Audio. “All the EQ sections were modeled and tweaked for proper filter impedance and response throughout the design, Eric’s and Rick’s engineering skills really came together on this project and the end result is one amazing sounding equalizer. The parametric equalizers are state-variable filters with additional band switching options. All filter sections have been optimized to maximize the performance and sonic feel of the unit. Eric and Rick bring some highly talented analog design and engineering skills to the table and it’s been a pleasure to work with these guys on this exciting project”.

The PEQ-1549 is a four band parametric equalizer designed for the popular 500-Series modular rack style format. It is well suited for professional recording, sound reinforcement, broadcast or any application where high quality equalization is required. The PEQ-1549 contains four state variable filters that form the parametric EQ sections with cut, boost, high-Q and shelf mode options. The HP/LP filter section contains two-pole adjustable high-pass and low-pass cutoff filters that set the high or low frequency passband points. The unit also contains true-bypass relay switching along with signal present and overload indicator LED’s. All potentiometers are eleven detent long-life conductive plastic types with custom injection molded pencil-style control knobs for a clean look and precise feel.

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The state-variable design allows the filter parameters in each band to be varied independently and without interaction. The high frequency (HF) band operates from 1.5kHz to 16kHz in normal mode and 3.4kHz to 35kHz in the Air-Band mode. The high-mid (HM) band is dual band also and operates from 350Hz to 7.5kHz in normal mode or from 680Hz to 16kHz in 2X mode. The low-mid (LM) band operates from 210Hz to 2.3kHz and the low-frequency (LF) band operates in the 30Hz to 320Hz range. Four switches allow selecting high-Q mode for each band. For even more flexibility, the HF and LF bands may be switched to shelf mode.

High quality 1% metal film resistors and Wima Film capacitors are used throughout the PEQ-1549 and all the electrolytic capacitors are high quality Panasonic long-life types. The potentiometers are custom conductive plastic types rated at 100,000 cycles for a long life and smooth feel. The eleven position detents allow for a positive feel and repeatable settings on the potentiometer controls.

RTZ is currently in the process of setting up select dealers and distribution channels for our new 500-series products. The PEQ-1549 is backed with a 5 year limited warranty against defects in material or workmanship. Please contact us directly for additional information and authorized stocking dealers.

For general information: <http://www.rtzaudio.com> or

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