

Two next-generation magnesium body monaural power amplifiers and audio regulator

New second-generation power amplifiers and regulator featuring a acoustic magnesium alloy body and Sunrise Red clear gloss paint finish.

Bewith, Inc. New Product Announcement Feb. 10, 2016

Bewith, Inc. (Headquarters: Tosu, Saga Prefecture, President: Toshiharu Nakashima) announces the early April, 2016 release of the P-1R and P-100R second-generation power amplifiers featuring MAGNEOLA acoustic magnesium alloy bodies, and the accompanying V-50R second-generation audio regulator in early March, 2016 at Bewith authorized retailers nationwide.

P-1R Monaural Power Amplifier

Scheduled release date: Early April, 2016



P-100R Monaural Power Amplifier

Scheduled release date: Early April, 2016



V-50R Audio Regulator

Scheduled release date: Early March, 2016



P-1R New Product Overview

The P-1R monaural power amplifier is an upgraded version of the existing P-1, employing a new power supply unit design featuring a large-capacity electrolytic capacitor for an increased sense of bass frequency speed and force and a major overhaul of the component parts to provide greater musical expressive power in the treble range. The two improved elements combine to make the P-1R Bewith's flagship power amplifier. The discrete configuration power amplifier circuit continues the Air Circuit concept's emphasis on sound quality as the top priority and employs elements jointly developed by Bewith and New Japan Radio Co., Ltd. including the BSZ1 acoustic dedicated operational amplifier and MUSES7001 large-capacity acoustic SiC (silicon carbide) diode. The overwhelming musical expressive power, driving force and S/N sense that scored the P-1 high marks reach even greater heights.

The P-1R weighs in at only 645g thanks to its MAGNEOLA acoustic magnesium alloy body, unique low heat generation/low power consumption technology and a stylish exterior design that features heat radiating fins. The exterior is coated with a new vivid and deeply glossy Sunrise Red clear gloss paint finish.

P-1R Main Features

1. All-magnesium body featuring Bewith's own MAGNEOLA acoustic magnesium alloy.
2. Newly-designed power supply unit with improved low-frequency speed and force sensitivity thanks to the introduction of a large-capacity electrolytic capacitor.
3. Major overhaul of the audio circuit's component parts for even more musical expressive power in the treble range.
4. Driver stage featuring our BSZ1 dedicated acoustic operational amplifier jointly developed with New Japan Radio.
5. A pair of power supply units, one for each polarity, featuring our original MUSES7001 large-capacity SiC diode jointly developed with new Japan Radio.
6. Improved S/N via a newly designed 70 μ m printed circuit board, one-point grounding and a driver stage dedicated power supply.
7. Vivid and deeply glossy Sunrise Red clear gloss paint finish.

P-100R New Product Overview

An upgraded version of the existing P-100, the P-100R is a compact high-performance monaural power amplifier, lightweight at just 497g and fulfilling a commitment to a “one amplifier per channel” and “one amplifier per speaker” system plan. Continuing the design concepts of earlier models that made sound quality the ultimate priority, including a MAGNEOLA acoustic magnesium alloy body, Air Circuit concept, custom-made power transformer combining a low core loss magnetic core, and high-purity oxygen-free copper winding, it also includes a revamped power amplifier circuit featuring the same innovative Bewith BSZ1 acoustic-only operational amplifier used in the flagship P-1R model. With outstanding cost performance, ease of use and flexible adaptability to systems of any scale from passive 2-way to digital full multi-channel, it delivers the unique “infinite channel separation” sound field sensation of the monaural amplifier with purer sound quality than ever before. Like the P-1R, its exterior features the new vividly deep and glossy Sunrise Red clear gloss paint finish.

P-100R Main Features

1. All-magnesium body featuring Bewith’s own MAGNEOLA acoustic magnesium alloy.
2. Driver stage featuring our BSZ1 dedicated acoustic operational amplifier jointly developed with New Japan Radio.
3. Discrete configuration power amplifier featuring a revamped circuit while maintaining the Air Circuit concept.
4. Custom-made power transformer combining a low core loss magnetic core and high-purity oxygen-free copper windings.
5. The same 187mm-width body* and concave line design as the STATE A6R series. * Excluding terminals.
6. Vivid and deeply glossy Sunrise Red clear gloss paint finish.

V-50R New Product Overview

The V-50R is a compact, high-efficiency audio regulator for power amplifiers and processors that eliminates vehicle voltage fluctuations and noise to provide a clean and stable direct current power supply. Based on the existing V-50, it helps further implement fine-tuning of sound quality to match the second-generation P-1R and P-100R MAGNEOLA body power amplifiers and the newly announced STATE A6R multi-processing DAC system. It combines a proven switching and current sensing circuit with Bewith's own MUSES7001 acoustic SiC diode for a large capacity, high response basic configuration, maximizing the quality of the power amplifier's and processor's original sound.

Its frame is made of MAGNEOLA acoustic magnesium alloy treated with a vivid and deeply glossy Sunrise Red clear gloss paint finish, delivering a maximum power supply of 600W from an ultra-lightweight 715g body. One V-50R unit is capable of supplying power for up to six P-1R power amplifiers.

V-50R Main Features

1. All-magnesium body featuring Bewith's own MAGNEOLA acoustic magnesium alloy.
2. Fine-tuning of sound quality to match the P-1R, P-100R and STATE A6R series.
3. High-speed switching circuit that cancels changes due to stray capacitance and provides highly efficient switching function.
4. Current sensing circuit in the booster unit to optimize the efficiency of the switching element.
5. Equipped with our original MUSES7001 large-capacity SiC diode, developed jointly with New Japan Radio, to further stabilize the ground potential where noise can easily enter.
6. Output voltage can be set to any amount between a lower limit of the input voltage (+11.0V minimum) and a maximum of 15.0V.
7. Vivid and deeply glossy Sunrise Red clear gloss paint finish.

For more information contact:

BEWITH, Ltd.
2249-4 Imaizumi-machi,
Tosu-shi, Saga-ken, Japan 841-0047
Tel: 0942-85-8000
Fax: 0942-85-0868
e-mail: press@bewith.jp