

BEWITH Introduces STATE A6 Processor, P-1 and P-100 Power Amplifiers and V-50 Audio Regulator

BEWITH announces specifications for four new products.

BEWITH, Ltd. New Product Announcement September 3, 2014

BEWITH, Ltd. (Headquarters: Tosu, Saga Prefecture; President: Toshiharu Nakashima) announces the specifications of its four previously announced new 2014 products, the STATE A6 Multiprocessing DAC System, P-1 and P-100 Monaural Power Amplifiers and V-50 Audio Regulator, for release in BEWITH authorized retailers as shown below.

STATE A6 Multiprocessing DAC System (standard firmware-equipped model)

Now available

P-1 Monaural Power Amplifier

Now available

P-100 Monaural Power Amplifier

Now available

V-50 Audio Regulator

Scheduled for release in November 2014



STATE A6 Multiprocessing DAC System



P-1 Monaural Power Amplifier



P-100 Monaural Power Amplifier



V-50 Audio Regulator

STATE A6 New Product Overview

The STATE A6 (standard firmware-equipped model) is a second-generation multiprocessing DAC system completely redesigned from our BEWITHSTATE system. It features a high-quality processor and D/A converter that let you create a maximum 3-way, 6-channel multiprocessing system with just a single unit, in addition to an ML link connector allowing digital direct connection to our existing STATE MM-1D mirror-type linear PCM player. And with extra touches like a body made of MAGNEOLA magnesium alloy specially designed for audio equipment, we've taken our legendary sound quality even further.

STATE A6 Features

- 1. Redesigned internal structure while preserving the basic functions of the original BEWITHSTATE.**
- 2. New MAGNEOLA magnesium alloy designed especially for audio equipment, used in all-magnesium body construction.**
- 3. A high-quality sound processor that can create a 3-way 6-channel digital system.**
- 4. MM direct connection to achieve the ideal combination with the MM-1D.**
- 5. The same JET BLACK finish as the STATE MM-1D, P-1 and P-100.**

STATE A6 Specifications

- Supply voltage: 14.4V DC (compatible with 11.0V-15.0V)
- Maximum output/impedance: 4.35Vrms/200Ω
- Frequency response: 20Hz-20kHz (except 20kHz(-1.5dB))
- S/N: 107dB
- Dimensions: W240 x D187 x H43 mm
- Weight: 1.3 kg



P-1 New Product Overview

The successor to our Accurate A-1 10SII, the P-1 Monaural Power Amplifier is our next-generation flagship model featuring MAGNEOLA magnesium alloy specially designed for use in audio equipment, low heat generation and low power consumption technology, stylish design without heat dissipation fins, ultra light weight at only 645g and with a rated output of 100W. Sound quality is the top priority of the discrete structure of the circuit which follows the principles of our Air Circuit concept, with the latest generation BSZ1 acoustic operational amplifier developed in conjunction with New Japan Radio Co., Ltd., and the new MUSES7001 large capacity SiC (silicon carbide) diode used in both the positive and negative power supply units, a driver stage dedicated power supply unit which separates the power supply to each stage from driver to final output, and newly designed printed circuit boards of a uniform 70 μ m thickness, delivering overwhelming musical expressiveness and drive power with outstanding S/N ratio.

P-1 Features

- 1. New MAGNEOLA magnesium alloy designed especially for audio equipment, used in all-magnesium body construction.**
- 2. Reduces internal impedance to a minimum while improving S/N ratio and bass response by using a newly designed 70 μ m printed circuit board, one-point grounding, driver stage dedicated power supply, Air Circuit and more.**
- 3. Uses the next-generation BSZ-1 operational amplifier developed in conjunction with New Japan Radio Co., Ltd. in the driver stage.**
- 4. Equipped with two power supply units, one positive and one negative, each featuring the MUSES7001 large capacity SiC diode developed in conjunction with New Japan Radio Co., Ltd.**
- 5. The same JET BLACK finish as the STATE MM-1D and STATE A6.**

P-1 Specifications

- Supply voltage: 14.4V DC (compatible with 11.0V-15.0V)
- Rated output: 100W \times 1ch(14.4V, 4 Ω , 20Hz-20kHz, 0.03%THD)
- Frequency response: 10Hz-40kHz(-1dB)
- S/N: 99dB
- Input sensitivity: 0.2-6.0V
- Dimensions: W251 x D80 x H43 mm
- Weight: 645g



P-100 New Product Overview

The successor to our Reference R-107S, the P-100 is a compact high-performance monaural power amplifier that lets you achieve a system with the principles of “one channel, one amp” and “one speaker, one amp” at a reasonable price. With a discrete amplifier circuit configuration that makes sound quality the top priority in the tradition of the Air Circuit concept, a custom-made power transformer with a combination of a low core loss center and high purity oxygen-free copper windings and other parts carefully selected on the basis of listening tests to carry on from the previous models, and like our flagship P-1 model, housed in a body constructed of audio equipment-specific MAGNEOLA magnesium alloy, the P-100 takes both lightweight construction and superior sound quality even further. From passive 2-way to full multi channel, it lets everyone experience the monaural amplifier’s unique “infinite channel separation” sound field with cost performance and ease of use flexible to systems of all scales.

P-100 Features

1. New MAGNEOLA magnesium alloy designed especially for audio equipment, used in all-magnesium body construction.
2. A discrete amplifier circuit configuration that makes sound quality the top priority in the tradition of the Air Circuit concept.
3. A custom-made power transformer with a combination of a low core loss center and high purity oxygen-free copper windings.
4. The same JET BLACK finish as the STATE MM-1D and STATE A6.
5. A concave line design 187mm* wide body in unison with the size of the STATE A6.

*Excluding connection terminals

P-100 Specifications

- Supply voltage: 14.4V DC (compatible with 11.0V-15.0V)
- Rated output: 75W×1ch(14.4V, 4Ω, 20Hz-20kHz, 0.03%THD)
- Frequency response: 10Hz-40kHz (-1dB)
- S/N: 98dB
- Input sensitivity: 0.2-6.0V
- Dimensions: W208 x D80 x H43 mm
- Weight: 496g



V-50 New Product Overview

The V-50 is the successor to the Accurate A-50A, our next-generation compact high-efficiency audio regulator for supplying power amplifiers and processors with a clean stable DC power supply unaffected by voltage fluctuations and noise generated by the vehicle. With the same MAGNEOLA magnesium alloy specially designed for audio equipment and used in the P-1 Power Amplifier and STATE A6 Multiprocessing DAC System, it delivers a maximum 600W of power with an ultra lightweight body design of only less than 700g. Just one V-50 can power up to six P-1 units, but it is possible to increase the supply capacity even further by connecting multiple units in parallel. Using the input voltage (minimum 11.0V) as a lower limit, the output voltage can be set at any level up to 15.0V volts above the lower limit. Newly designed high speed switching and current sensing circuits and large-capacity power circuits featuring the MUESE7001 next-generation SiC diodes let you maximize your equipment's performance.

V-50 Features

1. New MAGNEOLA magnesium alloy designed especially for audio equipment, used in all-magnesium body construction.
2. A high speed switching circuit to allow high efficiency switching operations and cancellation of stray capacitance.
3. A current sensing circuit in the booster section to optimize the current capacity of the switching element.
4. Achieves even greater stabilization of ground potential along with elimination of spike noise generated during switching thanks to the MUESE7001 large capacity SiC diode developed in conjunction with New Japan Radio Co., Ltd.
5. The same JET BLACK finish as the STATE MM-1D and STATE A6.

V-50 Specifications

- Normal operating input voltage: 11.0V-14.4V DC
- Adjustable voltage range: input volage-15.0V
- Maximum power supply: 600W
- Dimensions: W258 x D80 x H43 mm
- Weight: 698g



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