

BEWITHSTATE

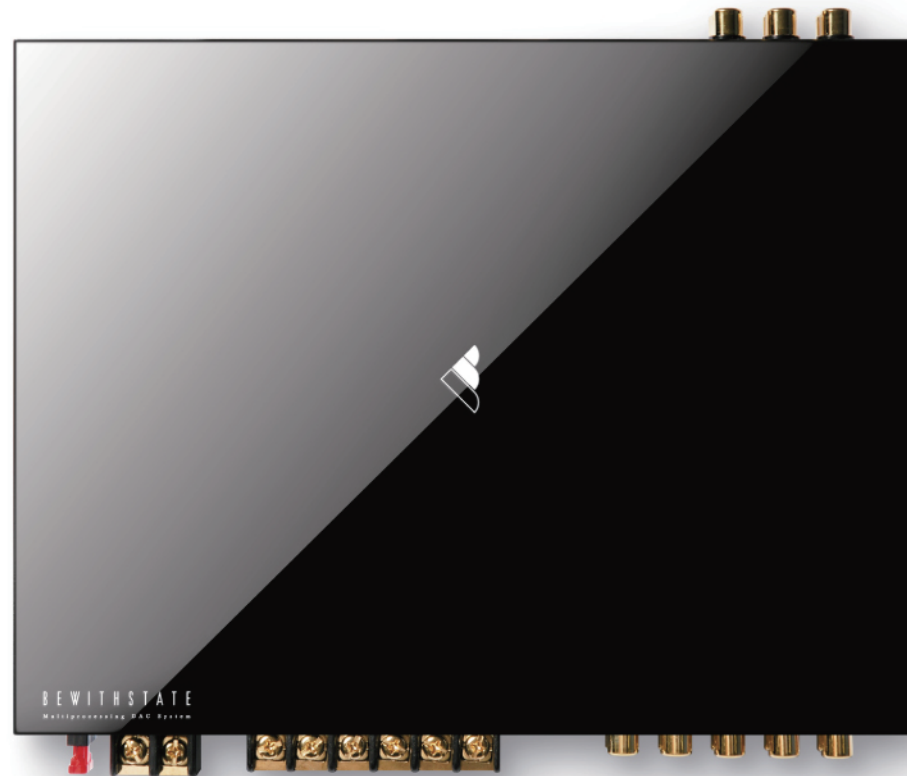
Multiprocessing DAC system

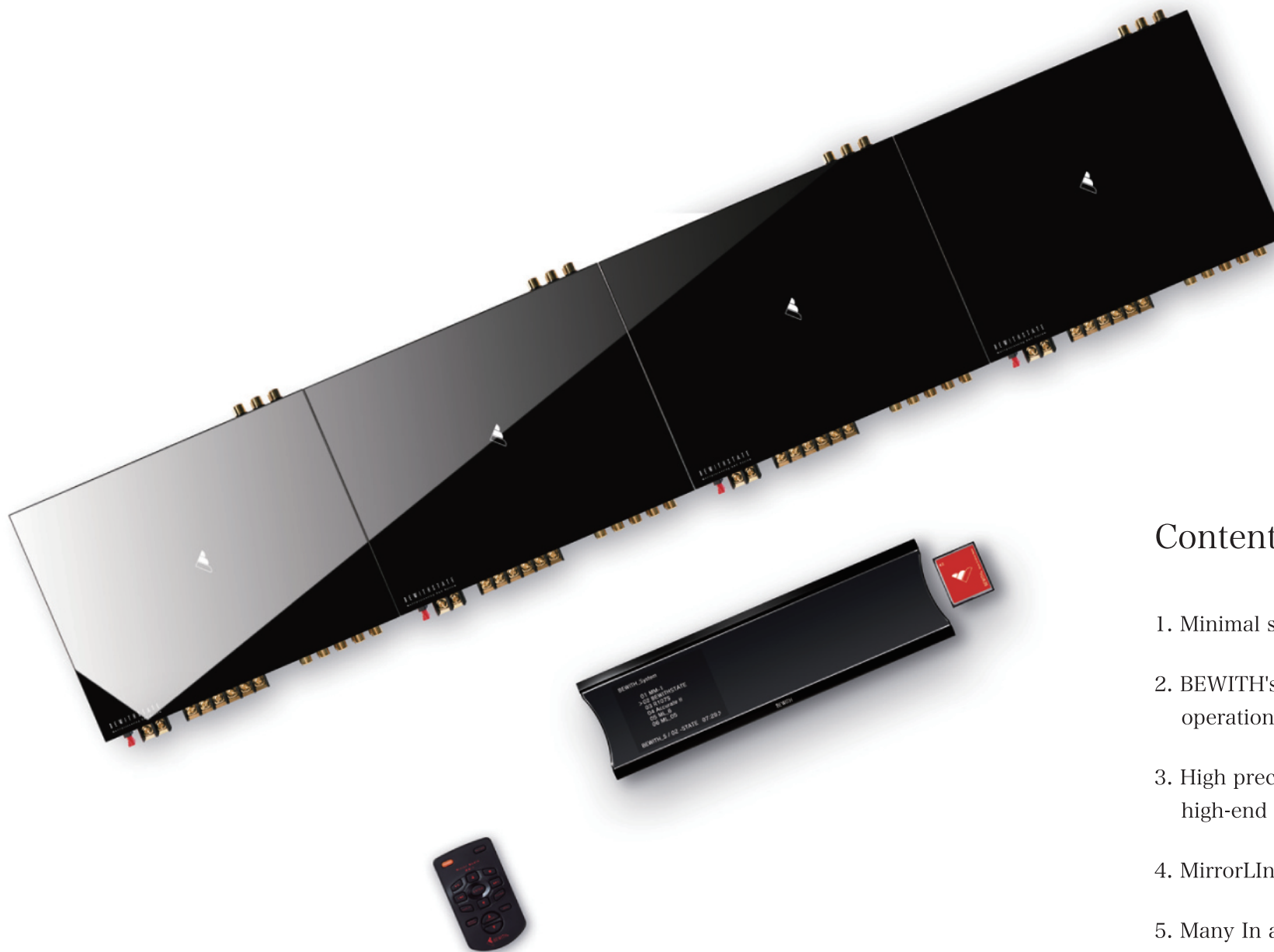


New proposal

Expandable digital processor

BEWITHSTATE Multiprocessing DAC system

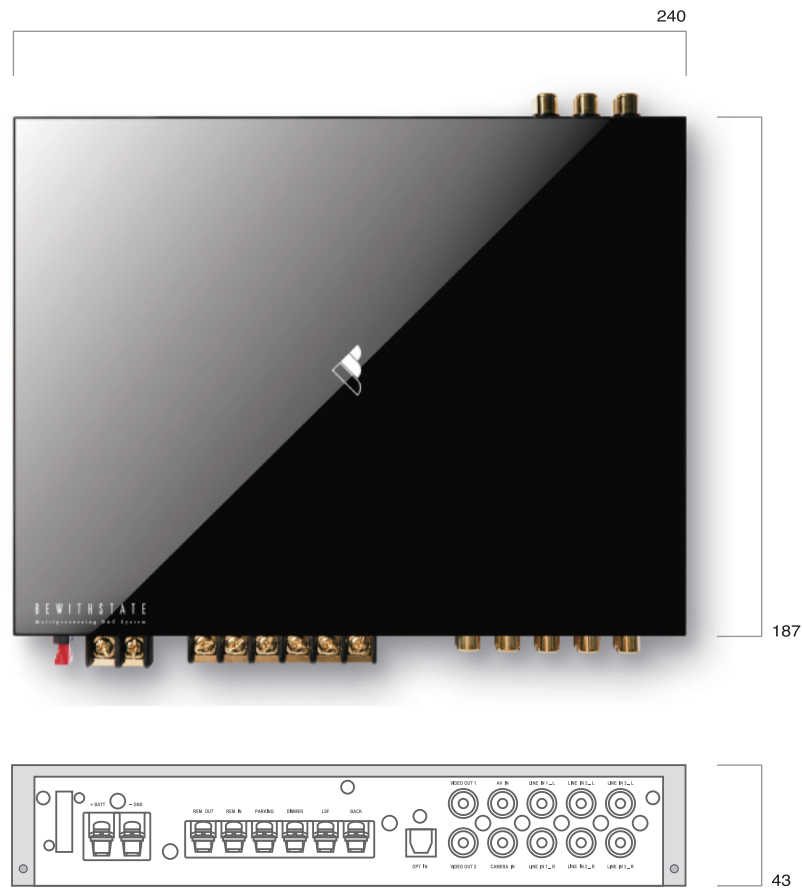




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3. High precision adjustment equal to the high-end models
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7. Customize (High expandability)

1. Minimal size

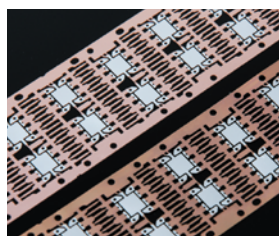
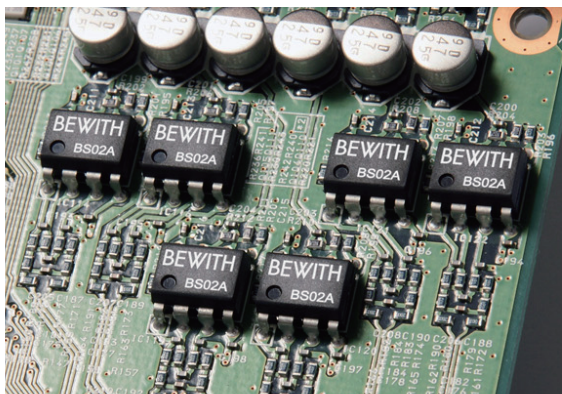


Fit under the seats!!

The size of 3 R-107S lined up

R-107S is our compact size monaural amplifier (240×187×43mm)

2. Newly developed BEWITH operational amplifier



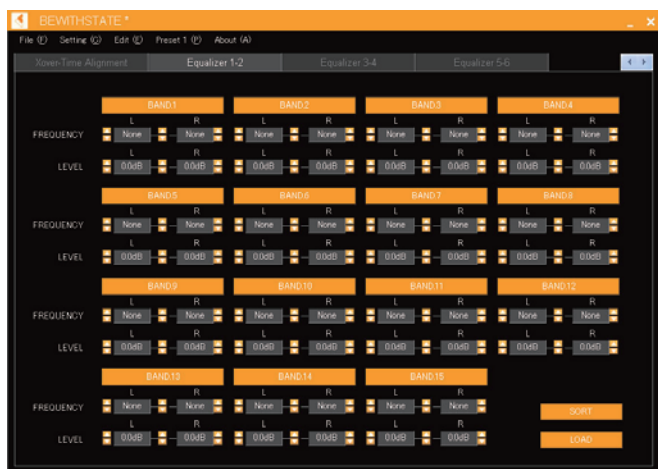
- 6 operational amplifiers "BS02"(BEWITHSTATE 02ch model) which were jointly developed with New Japan Radio Co., Ltd. are on-board.
- The operational amplifier was newly developed with collective effort of BEWITH engineers and the know-how of New Japan Radio Co., Ltd. MUSES which has already had high reputation.



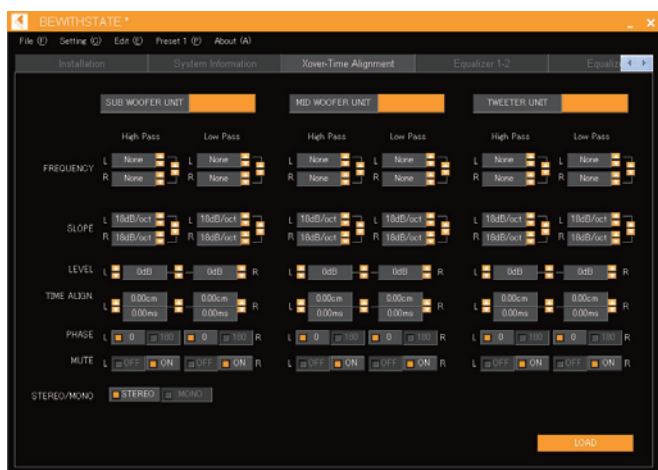
We employed 99.99% oxygen free copper material for the lead frame to obtain not only the specification like low distortion, high slew rate, or wide and flat frequency response but also the tone quality which cannot be shown on the specification.

**6 newly developed
operational amplifier "BS02" is on-board.**

3. High precision adjustment equal to the high-end models



- Digital cross-over network. The cut-off slope is -18dB/oct fixed for the speakers and the phase characteristic.
- Digital equalizer which can choose 15 bands from 31 points on each channel. In addition, it can adjust each left and right channels of TW, MID, SW at -0.1dB step.
- Time alignment is adjustable at $0.77\text{cm}(0.02\text{ms})$



**The adjustment ability is
equal to the AZ series**

4. Mirror Link



Mirror Link®

BEWITH's original transmission format which adopts the latest LVDS technology. It transmits digital sound and control data in high speed and high quality with suppressing the interference.

- MM direct connection function for high sound quality reproduction and easy control of MM-1
- Several BEWITHSTATE connected make a super high-end processor.
- It improves reliability by preventing the interference with other electronics on the vehicle.

**High sound quality and high reliability
are guaranteed!**

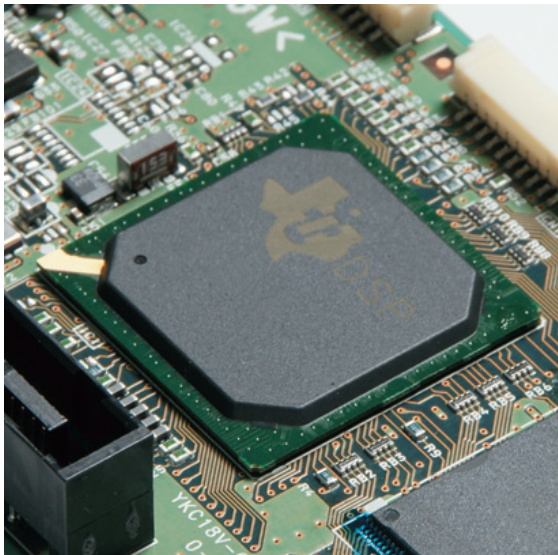
5. Many In and Output terminals



- Many input and output terminals are equipped such as 2 digital sound input terminals for connecting
- Mirror Media MM-1 and other brands' digital audio equipments.
- 6 analog input terminals (1 system) for navigation system, DVD player, and terrestrial TV tuner.
- Accepts 5.1 analog output such as factory standard audio system, DVD car theater, and AV navigation system.
- Equips 2 video inputs and 2 video outputs (including rearview camera input)
- Equips OSD(On Screen Display) video circuitry to display the BEWITHSTATE's information over the video signal outputs from navigation system, terrestrial TV tuner, and DVD player.
- The image of the rearview camera will be shown automatically on the screen when reversing the car.

Compatible with diverse input/output

6. Multimedia-compatible

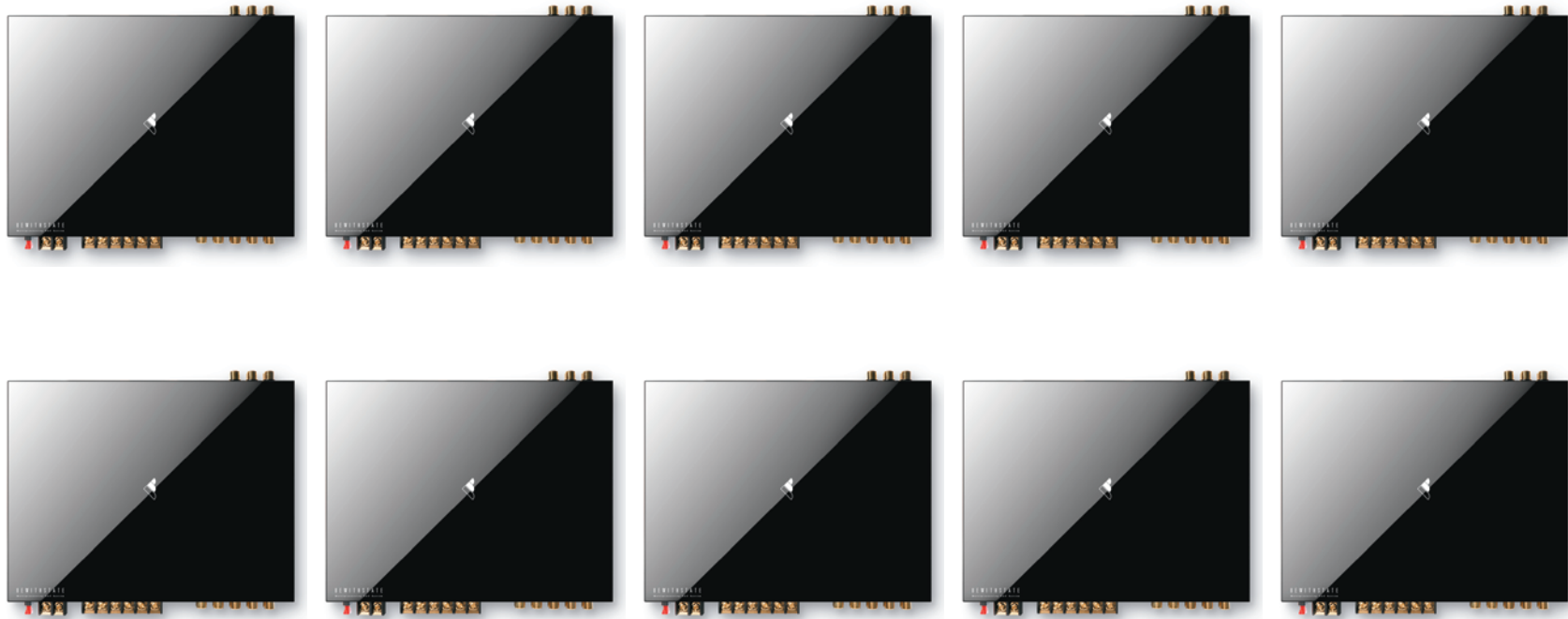


Newly developed **IIR FILTER**

- BEWITH's original new IIR Filter
- Resolved the gap between image and sound.

Compatibility of high sound quality and multimedia

7. 1. Customize / Connection

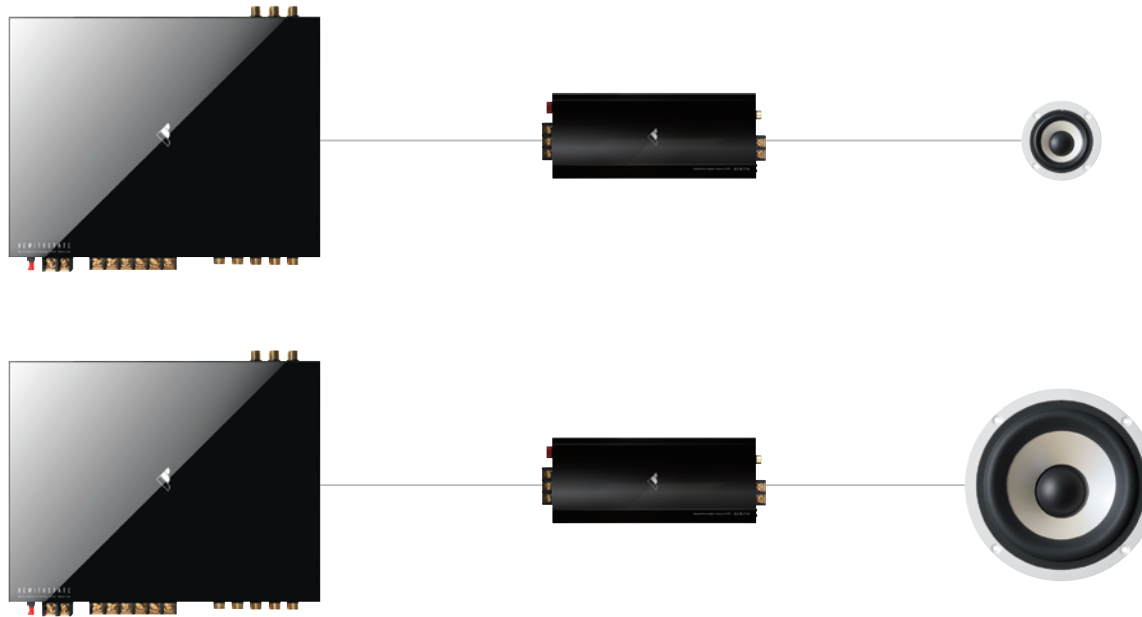


Possible to connect maximum

10 BEWITHSTATE

Accepts 60 analog channels

7. 2. Customize / Function Enhancement



**Multiple and or monaural connection
upgrade the function and performance.**

For example, increase of the adjustment point and additional mixing function.