

OWNER'S MANUAL

Thank you for purchasing our auto balance system.
Please read the owner's manual thoroughly prior to using the system.
Please keep the manual for future reference.

◇MERITS OF THIS PRODUCT

- Select an output level from 4 levels (500mV,800mV,1V,1.5V). When connected with amplifiers,the output level is automatically adjusted in selecting any music.
- SOUND EFFECT has 3 steps(+2.5dB,+6.5dB,+9dB). When SOUND EFFECT is switched ON, this output level power leads to the better/higher sound level.
- When SOUND EFFECT switch is set to BYPASS, the music signal goes out direct without going through the SOUND EFFECT circuit.
- Subwoofer Effect BASS gives you dynamic low sound level.
- Subwoofer Effect BASS makes it possible(at the position f_0 of speaker systems) that the low frequency could be adjusted within the range of 40Hz ~ 80Hz as well as the range of 3.5dB~12.5dB. Eventually the best sound level from your speaker systems could be created.
- Even the switch is OFF, the previous level still remains at the original.

◇EACH NAME AND FUNCTION.

1、FRONT PANEL

① SWITCH

- Switch is ON with pushing the upper position of its knob.
- Switch is OFF with pushing the lower position of its knob.
- When switch is OFF, the previous setting position remains the same before switched OFF.

② OUTPUT LEVEL KNOB

- When pushing this knob, four(4) steps are to be changed one after another, and select the level you want.
 - 500mV · · · · · Indicates 500mV maximum output level.
 - 800mV · · · · · Indicates 800mV maximum output level.
 - 1 V · · · · · Indicates 1 V maximum output level.
 - 1.5 V · · · · · Indicates 1.5 V maximum output level.

③ AUTO BALANCE LED INDICATION FOR SELECTING

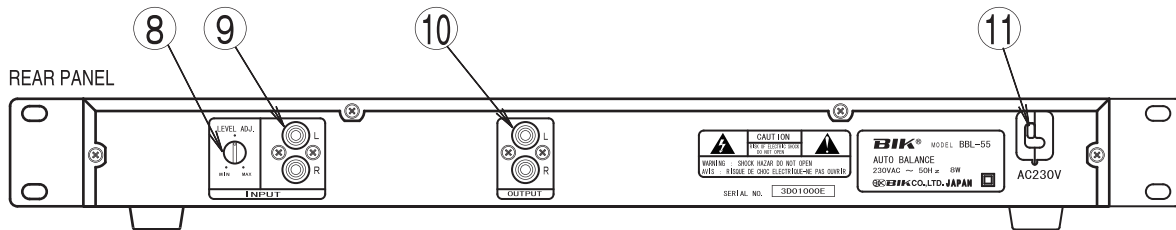
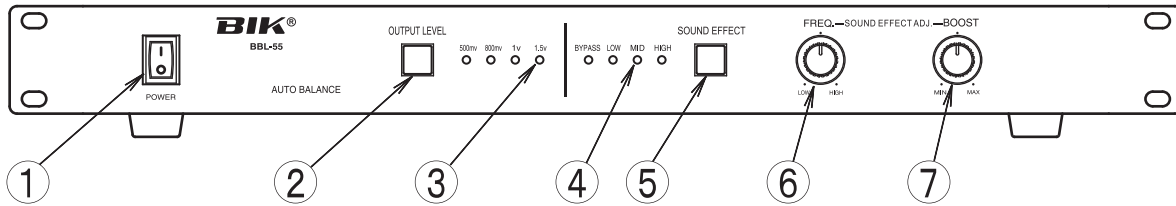
④ SOUND EFFECT LED INDICATION FOR SELECTING

- When the switch is ON, 8 pcs. of LED (4+4) are flashing for three times. Afterwords, LED starts flashing from left to right, right to left.

⑤ SOUND EFFECT KNOB

- When pushing SOUND EFFECT knob, 4 steps of SOUND EFFECT are changed one after another.
 - BYPASS · · · Input and output power is connected without going through SOUND EFFECT circuit. (SOUND EFFECT does not work.)
 - LOW · · · · · Low level :+2.5dB
 - MID · · · · · Middle level :+6.5dB Subwoofer Effect BASS dynamic low sound comes out.
 - HIGH · · · · · High level :+9 dB Subwoofer Effect BASS dynamic low sound comes out.

FRONT PANEL



⑥ SOUND EFFECT FREQUENCY ADJUSTING VOLUME

- SOUND EFFECT knob adjusts to set low frequency when choosing middle or high.

⑦ SOUND EFFECT BOOST LOW SOUND GAIN ADJUSTING VOLUME

- SOUND EFFECT knob adjusts to set low-gain when choosing middle or high.

When SOUND EFFECT is set at middle or high, Subwoofer Effect BASS low sound could be made with the following adjustment.

- EFFECT OF LOW FREQUENCY ADJUSTING VOLUME
Low frequency with the range of 40Hz~80Hz could be adjusted.
This matches the best f_0 of your speaker system.
- EFFECT OF BOOST LOW SOUND GAIN ADJUSTING VOLUME
Right after adjusting the frequency adjusting volume, gain adjusting volume adjusts gain with the range of 3.5dB~12dB.
This helps you get the best low sound level.

2. REAR PANEL

⑧ INPUT ADJUSTING VOLUME

- Adjusting input signal level.

⑨ RCA INPUT TERMINAL

- To connect DVD, VOD, and other audio equipments.

⑩ RCA OUTPUT TERMINAL

- To connect amplifier input terminal.

⑪ AC ELECTRIC POWER PLUG

- Prior to plug in, be sure to check should the input and output terminals be connected correct or not.
- Be sure to as well before plug in that the AC volts match this product.