

BS75

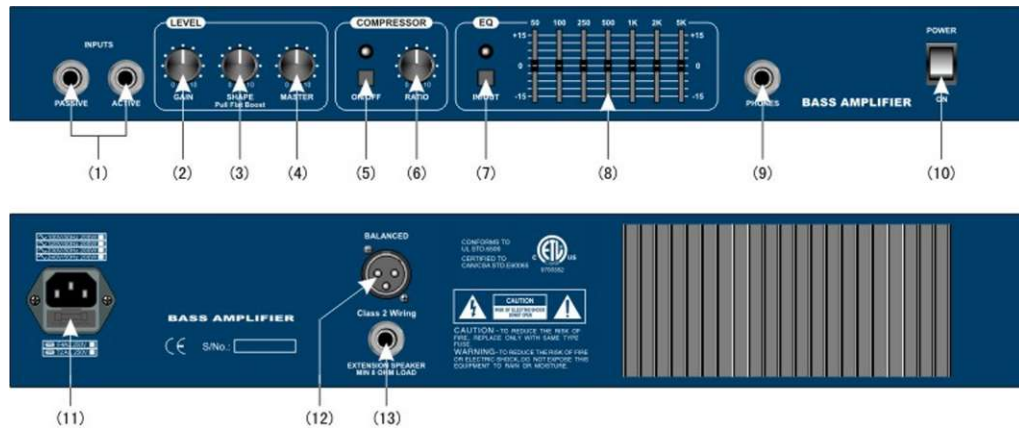
BS100

BS200

***Professional
Bass Amplifier***

OWNER'S MANUAL





Features

FRONT PANEL FEATURES

1. **INPUT:** This is for the connection with the output of your instrument.
The **PASSIVE** input is used with the majority of instruments, while the **ACTIVE** input has an attenuated sensitivity for use with instruments with "High Output" pick-ups or active preamplifier circuits (If your bass uses an internal battery or batteries, this is the advised input).
2. **GAIN:** This controls the amount of gain applied to the signal at the instrument input.
3. **SHAPE/PULL FLAT BOOST:** This controls the shape of a pre-set equalization curve applied to the signal before the graphic equalizer. It influences mostly the level and "Q" of the low-mid frequency response. Pulling this knob into the raised position imposes a preset, flat equalization.
4. **MASTER:** This controls the level of the signal that is passed to the output amplification stage, thereby controlling the general volume of the amplifier.
5. **COMPRESSION ON/OFF:** This is used to insert or remove the compressor circuit from the signal path. The LED above indicates when the compressor is inserted.
6. **COMPRESSION RATIO:** This controls the amount of compression applied to the signal. Rotated completely counter-clockwise, this minimizes the dynamic range of the signal at the output of the compressor, thereby making the notes played louder more similar in volume to the notes played softer. Completely rotated clockwise, this allows the signal to pass with the same dynamic range with which it entered. This control is very useful for "slapped" playing, in that it eliminates the drastic difference in volume between the notes played with the thumb and those hammered on with the left hand.
7. **GRAPHIC EQ ON/OFF:** This is used to insert or remove the Graphic Equalizer from the signal path. The LED above indicates when the Equalizer is inserted.
8. **GRAPHIC EQUALIZER:** These seven sliders allow you to drastically adjust the response of the amplifier in seven frequency specific ranges. They can be used correctively, to adjust frequencies to strong or weak in the instrument output, or creatively to personalize your tone.
9. **PHONES:** This is for the output to any headphone with at least 8 Ω impedance. When this is used, the internal loud speaker is deactivated. The signal is sent to both sides of stereo headphones.
10. **POWER:** Turns the Amplifier on and off.

REAR PANEL FEATURES

11. **MAINS CONNECTOR:** This is for the connection to the included power cable. The Mains fuse is contained in the compartment incorporated into this connector.
12. **BALANCED OUT:** This is a -16.5dB LINE level balanced XLR output for sending the Master signal to a mixer, recorder, power amplifier etc.
13. **EXTERNAL SPEAKER:** This output is for the connection to an external speaker with a minimum impedance of 8 Ohms.

SPECIFICATIONS

PLEASE REFER TO THE ACTUAL PURCHASED MODELS FOR A,B,C

	A	B	C
POWER OUTPUT	75Wrms / 8ohm 100Wrms / 4ohm	100Wrms/ 8ohm 125Wrms / 4ohm	150Wrms / 8ohm 200Wrms / 4ohm
POWER CONSUMPTION	160W	200W	330W
SPEAKER	15" BASS SPEAKER	15" BASS SPEAKER PIEZO TWEETER	15" BASS SPEAKER PIEZO TWEETER
DIMENSIONS(mm)			
COMBO	543Wx596Hx324D	543Wx636Hx324D	502Wx655Hx324D
HEAD			502Wx260Hx329D
WEIGHT(Kg)			
COMBO	26.4	28	30.8
HEAD			15.2

COMMON SPECIFICATIONS

PASSIVE INPUT	IMPEDANCE= 270kΩ SENSITIVITY= -26dB
ACTIVE INPUT	IMPEDANCE= 1MΩ SENSITIVITY= -20dB
S/N RATIO	»80dB
BALANCED LINE OUT LEVEL	-16.5 dB
PHONES OUTPUT	100mW into 32ohm
COMPRESSION RANGE	+ 15 dB to +33 dB
FLAT BOOST	13 dB
GRAPHIC EQUALIZER	FREQUENCY POINTS= 50Hz, 100Hz, 250Hz, 500Hz, 1 KHz, 2KHz, 5KHz RANGE=+/-15dB

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Read all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a damp cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not defeat the safety purpose of the polarized-type plug. A grounding type plug has two blades and a third grounding prong. The third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
10. Protect the power cord from being walked on or pinched particularly at the plug, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug, when liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing or objects filled with liquids, such as vases. The unit shall not be installed in a cabinet or where the power switch is difficult to access.