The EBS Session60 is a solid-state amplifier combo, extremely easy to dial-in. The Session60 is a downscaled design from the Classic450 head to perform extremely well in all styles and situations. The sound is a combination of vintage bass sound and the transparent 'EBS' sound that let your playing style and the character of your instrument speak. Versatility is provided by a carefully designed EQ with a wide range of possible settings. By using the built in auxiliary input in stereo, you can use this combo for practicing at home with headphones. These brief tutorials will help you to become acquainted with some of the features of the EBS Session60 combo.

BUILDING THE SOUND...

Your EBS Session60 features an enhanced tone shaping circuit that will enable you to create a variety of bass sounds.

6. The filters are basically the boost/cut design. This means that the level controls marked with + and - signs, either boost or cuts the selected frequency band.

7. Gradually increase or decrease the level and vary the frequency of the various filter sections. Notice how the sound is affected.

8. Repeat as above by trying out the preshape filter Character.

9. Now, engage the enhanced filter by pressing the switch marked Enh.Filter, and check how the sound is effected by turning the Treble knob.

10. If you have a CD player or other sound source, you may connect this to the Aux In input and control the amount of volume with the associated knob.

11. For further reference, check out the sample sound setting on the last page of this manual.

This was a brief tutorial of EBS Session60. As you go on further in this manual, you will learn how to use and utilize all of the useful features that the EBS Session60 offers you.

INPUT:

- Input Impedance: 2 Mohms // 100 pF

GAIN:

- Gain Range: min/max -∞ / +28 dB
- Gain Peak LED: +10 dBv
- Frequency Response: +0 / -3 dB 35 - 20k Hz

CHARACTER:

- Filter: Type Shelving High/Low Pass
- Gain: +6 dB @ 75 Hz    -2.5 dB @ 800 Hz    +3 dB @ 9 kHz

FILTER SECTION:

- Bass Filter: Type 12 dB/oct. Shelving
- Treble Filter: Type Shelving
- Enhanced Filter: +/- 10dB @800 Hz

AUX INPUT:

- Type: Two RCA jacks (stereo)
- Impedance: 10 kohms unbalanced
- Sensitivity: -10 dBv
- Aux Gain: max 15 dB

BALANCED OUTPUT:

- Output Level: nominal - 10 dBv
- XLR Connections: 1-GND, 2-Hot, 3-Cold
- GND Lift Options

PHONES OUT:

- Recommended Impedance: 32 - 200 ohms

POWER AMP:

- Continuous Output Power: 60 W RMS

CABINET:

- Impedance: 8 ohms
- Frequency Response: +0/-3 dB 60 Hz – 18.000 Hz
- Volume: 20 liters

AUXILIARY INFO:

- Power Requirements: max 100 W
- Mains Protection: T1A Fuse (230V)
- T2A Fuse (100/120V)
- Outer Dimensions (WxHxD): 376 x 395 x 343 mm
- Weight: 16 kg ( 36 lbs.)

Specifications are subject to change without notice!

GOOD LUCK!
INPUT - A low noise, high impedance instrument input for all types of instruments, active and passive.

CHARACTER - The Session60 provides a preshaping filter, character, which operates independently from the filter section. This gives the user the opportunity to preshape the sound before the final processing with the filters.

When pressed to its inner position, a boost is achieved in both the bass and treble ranges, while the midrange is being slightly cut.

GAIN - Control to adjust the instruments’ signal strength to the right operating level in the Session60.

For optimum basic signal level, turn up the GAIN knob until the PEAK led starts flashing from the strongest signal from the instrument.

Note: A correctly set GAIN is vital for the signal processing to work properly in the Session60.

AUX IN - The two RCA inputs gives you the option of mixing in an external source such as a CD player or similar to the Session60. Set the desired mix level with the associated knob.

If you only have a mono source connect to the input marked mono. Both channels will only be monitored when using headphones.

VOLUME - The VOLUME knob controls all volume in the unit, controlling the poweramp/speakers and headphones output. The balanced output (XLR) is not affected by the setting of this knob.

HEADPHONES – Connect your favorite headphones here. By connecting the headphones the speakers will automatically be muted.

BALANCED OUTPUT - Is a high quality balanced output that functions as a line box for connecting to PA mixing consoles or to studio or broadcast recording units.

Lifting ground is a great aid in many occasions. When required, set the Gnd Lift switch to inner position to disconnect the ground from the output.

POWER – Powers the unit on or off.
FILTERS - The filter section contains two versatile filters:

**BASS** is a 'shelving' type 12dB/oct slope phase compensated bass filter with a wide gain range.

**TREBLE** is a 'shelving' type filter controlling the higher mids and treble registers, giving presence and ambiance to the sound.

**ENHANCED FILTER MODE** – The enhanced mode switch allows the Treble control to have effect on the midrange in this filter. When boosting the treble, the middles will be cut and vice versa.

POWERAMP - The internal poweramp is of highly integrated design giving natural sound reproduction and output with exceptional clarity. The incorporated soft clip system provides tube-alike distortion characteristics, protects the power amp from saturation and increases its output performance and sound quality.

FRONT PANEL DETAILS:

CABINET - The cabinet is formed by one 10" together with a piezo tweeter for fullrange operation. In addition, the cabinet is tuned for extended low frequency response. It is recommended that the combo is set to straight angle for best bass response.

IMPORTANT: Make sure not to cover the ventilation holes on the rear of the combo.

EBS will not take responsibility for eventual hearing damages caused by the powerful Session60.