## **Specifications**

Amp	GE15B	GE30B
Input Voltage	~100V,~110V,~120V,~220V,~230V,~240V 50/60Hz Factory Option	
Input Impedance	1 MΩ	1 MΩ
Power Requirements	35W	65W
Power Output	15W R.M.S.	30W R.M.S.
Rated Load Impedance	8 Ω	4 Ω
Speaker	Custom 8" Speaker	Custom 10" Speaker
Features	Built-in Compressor	
	Tilt-back Construction	
Dimension	Height: 34.5cm	Height: 43.0cm
	Width: 33.5cm	Width: 40.0cm
	Depth: 30.2cm	Depth: 34.5cm
Unit Weight	7.8kg	12.6kg
Sensitivity	89dB	-



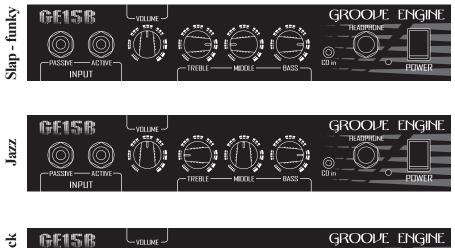
# GROOVE ENGINE





v20.1027

## **Suggested Settings**







Intended to alert the user to the presence of uninsulated "dangerous voltage" with in the product's enclosure that many be of sufficient magnitude to constitute a risk of electrical shock to persons.

Intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

- CAUTION : Risk of electrical shock DO NOT OPEN !
- **CAUTION** : To reduce the risk of electrical shock, do not remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

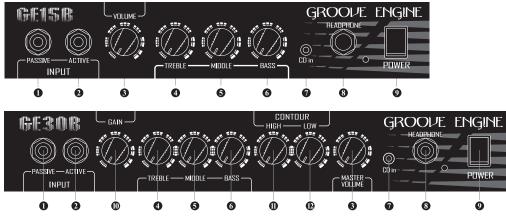
WARNING : To prevent electrical shock or fire hazard, do not expose this unit to rain or moisture. Before using this unit, please read the operating instructions for further warnings.

## **Important Safety Instructions**

# WARNING : When using electrical products, basic cautions should always be followed, including the following.

- Read, keep and follow all instructions.
- Heed all warnings.
- To prevent damage, fire or shock hazard, do not expose this unit to rain or moisture.
- This product should be located away from heat source such as radiators, heat registers, or other products that produce heat.
- Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
- Only connect the power supply cord to an earth grounded AC receptacle in accordance with the voltage and frequency ratings listed under INPUT POWER on the rear panel of this unit.
- Protect the power supply cord from being pinched or abraded.
- The power supply cord should be unplugged when left unused for long periods of time, or during electrical storms.
- Do not drip nor splash liquids, nor place liquid filled containers on the unit.
- Clean only with dry cloth.
- Very high sound pressure levels may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.
- Some types of Radio Frequency Interference (RFI) or Electromagnetic interference (EMI) may affect operation of the amplifier. Sources of RFI and EMI may include; Cellular telephones, radios, transceivers, televisions, and some computer equipment. Should a difference in speaker output be noticed under these conditions, try physically moving the amplifier away from the interference source or connect the amplifier to a different-grounded power circuit.

## **Front Panel Features**



#### **1** PASSIVE INPUT jack

Passive or low output basses should be connected via the PASSIVE INPUT socket. Plug your bass in here with a good quality (screened) guitar cable.

#### **2** ACTIVE INPUT jack

Active or high output basses should be connected via the ACTIVE INPUT socket. Plug your bass in here with a good quality (screened) guitar cable.

#### **③** MASTER VOLUME control

Adjusts the overall ouput of the amplifier. When turning the amplifier on, make sure this control is turned all the way down to zero.

#### **4** TREBLE control

Adjusts the high-frequency level (treble or top end in your sound).

#### **6** MIDDLE control

Adjusts the middle-frequency level (mid present in your sound).

#### **6** BASS control

Adjusts the low-frequency level (bass or bottom end present in your sound).

#### **O** CD input

Connect your CD/MP3 player (1/8" mini plug connection) in here and play along.

#### **8** HEADPHONE jack

Plug headphone jack (1/4" phone plug connection) in here.

#### **O** POWER swith & LED

Main power switch for the unit. The LED will be lit when the unit is ON and will not be lit when the unit is switched off.

#### GAIN control

This control is used to set the level of gain present in the pre-amp. The GAIN control should be used in conjunction with the MASTER VOLUME control to produce the desired signal characteristics. (GE30B only)

#### **(1)** CONTOUR HIGH control

Acts as a broad-band high frequency equalizer. (GE30B only)

CONTOUR LOW control

Acts as a broad-band low frequency equalizer. (GE30B only)

### **Rear Panel Features**



#### **B** PREAMP OUT (Effects Loop SEND)

Use this 1/4" unbalanced jack to send signal to an external effects processor. (GB30B only)

#### POWER AMP IN (Effects Loop RETURN)

Use this 1/4" unbalanced jack to return signal to an external effects processor. (GB30B only)

\* Passive Input : -0.5dB / Active Input : -0.27dB / CD IN : -0.13dB