

**YAMAHA**

**BASS AMPLIFIER**  
**AMPLIFICATEUR POUR GUITARE BASSE**

**HR-2000B**

**HR-3000B**

Owner's Manual

Mode d'emploi

*Thank you for purchasing the Yamaha Bass Amp HR-2000B/HR-3000B.*

*This high-performance, compact bass amplifier offers a built-in compressor, double volume and triple tone controls for precise, no compromise sound control.*

*Please read this owner's manual carefully, and enjoy your HR-2000B/HR-3000B for a long time.*

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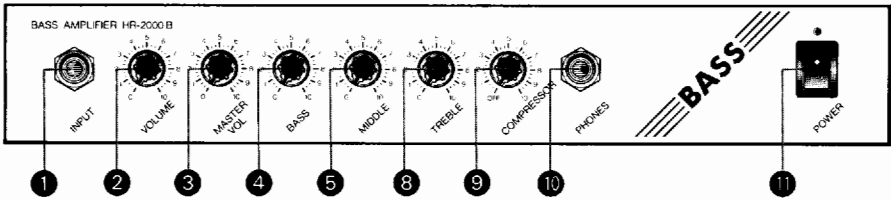
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## PRECAUTIONS

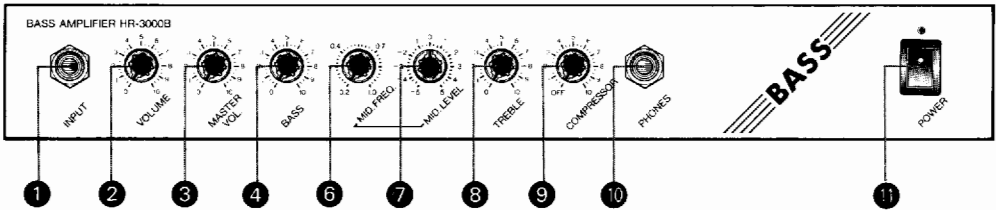
- Check for correct voltage before connecting the power cord to your AC outlet.
- When connecting the electric guitar and the amplifier, make sure to plug in the guitar before plugging in the amplifier. Plugging in the amplifier first may cause damage to the speaker.
- Be sure to turn the VOLUME control of the amplifier counterclockwise to its minimum position when plugging or unplugging the guitar cord and turning the power supply ON and OFF.
- Always handle the amplifier with care. Rough handling or dropping it may result in deterioration of its performance.
- Disconnect the power cord from the AC outlet whenever there is thunderstorm to prevent accidents that may result from lightning.

# CONTROL PANEL

## •HR-2000B



## •HR-3000B



### ① INPUT

Connect the bass guitar to this terminal.

### ② VOLUME/ ③ MASTER VOLUME

These controls set the volume. When using bass guitars with pickups of different output levels, set the input level using the VOLUME control, and then set the final volume using MASTER VOLUME. It is also possible to intentionally make the sound distorted. As you turn the VOLUME up, the sound will become more distorted.

\*If you lower either of these controls to "0", there will be no sound.

### ④ BASS

This controls the low frequencies (around 80Hz). When the control is set to "5", the sound is normal, and as you turn it toward "10" the lower frequencies are boosted, producing a heavy and deep sound. As you turn it toward "0", the lower frequencies are cut, producing a lighter sound. When using round-wound strings and playing chopper style, use this control to cut the lower frequencies, and boost the middle and upper frequencies.

### ⑤ MIDDLE (HR-2000B only)

This controls the middle frequencies (around 800Hz). When the control is set to "5", the sound is normal, and as you turn it toward "10" the middle frequencies are boosted, producing a richer sound. As you turn it toward "0", the middle frequencies are cut, producing a softer sound. When you want the sound to move out front, use this control to boost the middle frequencies.

### ⑥ MID. FREQ. (HR-3000B only)

This control sets the center frequency of the midrange equalization. The midrange EQ frequency is continuously variable from 200 Hz to 1 kHz.

### ⑦ MID. LEVEL (HR-3000B only)

This control sets the amount of boost or cut produced at the midrange center frequency determined by the MID FREQ control. Set at "0" there is no boost or cut, and therefore no change in the sound. As the MID LEVEL control is rotated clockwise toward the "5" setting the midrange frequencies are boosted, and rotated counter-clockwise towards the "-5" setting the midrange frequencies are cut.

## 8 TREBLE

This controls the high frequencies (around 2kHz). When the control is set to "5", the sound is normal, and as you turn it toward "10" the high frequencies are boosted, producing a clear, attacky sound. As you turn it toward "0", the high frequencies are cut, producing a soft, round sound. When playing strong melodious riffs, use this control to boost the high frequencies.

## 9 COMPRESSOR

This control adjusts the amount of compression applied by the internal compressor. As the control is rotated towards the "10" setting, greater compression is applied, smoothing out the overall level of the instrument sound. The compressor can be used to smooth out uneven picking and variation in the attack of "chopper" bass lines, etc.

Set the COMPRESSOR control to the "OFF" position (the control will "click" into place) to turn the compression effect off.

## 10 PHONES

Connect a set of headphones to this jack. Headphones are useful for onstage tuning, or for late-night practicing.

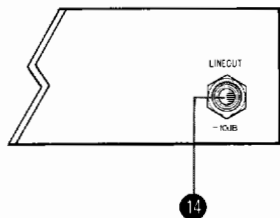
\* When headphones are connected, no sound will come from the speaker.

## 11 POWER

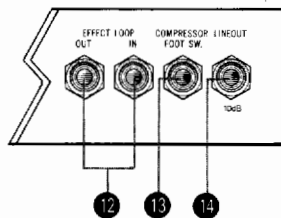
When this switch is set in the upward position, the power indicator will light and power will be applied to the unit. When the switch is set in the downward position, power is off.

# REAR PANEL

## •HR-2000B



## •HR-3000B



## 12 EFFECT LOOP OUT/IN (HR-3000B only)

External effect units can be connected to these terminals.

A signal which has been processed through the amplifier's compressor and volume control is delivered via the EFFECT LOOP OUT jack.

Signals returned to the EFFECT LOOP IN jack are sent to the power amplifier stage via the equalizer.

External effect units may be connected between these jacks, or a signal processed by an external pre-amplifier may be fed to the equalizer and power amplifier sections via the EFFECT LOOP IN jack — a wide range of applications is available.

## 13 COMPRESSOR FOOT SW. (HR-3000B only)

A Yamaha FC5 or equivalent footswitch can be connected to this jack to provide foot ON/OFF switching of the compressor.

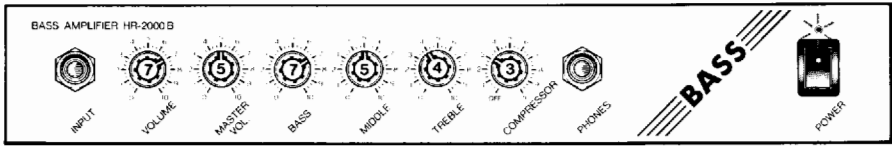
## 14 LINEOUT

The signal which has been processed through the last-stage power amplifier is delivered at a level of -10 dB via this jack. This can be used to send the amplifier's signal to a second power amplifier/speaker for increased power, or to line-feed a mixing console.

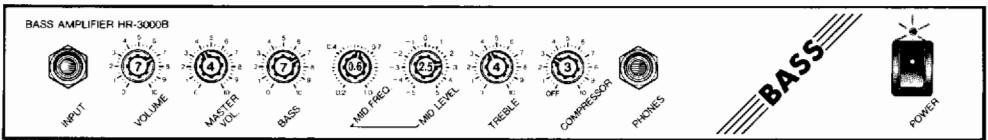
# SETTING EXAMPLES

## 1. HEAVY METAL

HR-2000B



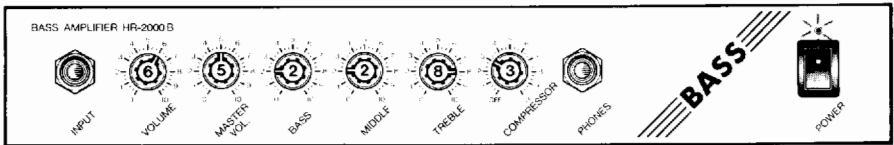
HR-3000B



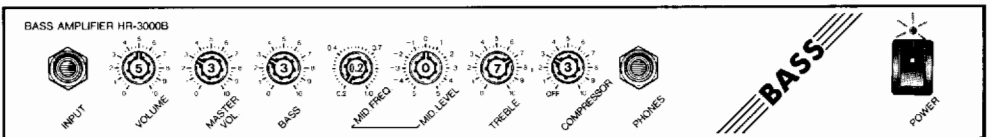
This setting has a fat, emphasized midrange. The TREBLE control can be set at about "7": when finger-picking to provide better projection.

## 2. CHOPPER/FUSION

HR-2000B



HR-3000B



This setting produces a natural sound that is ideal for a broad variety of styles.

# SPECIFICATIONS

	HR-2000B	HR-3000B
<b>Output Power</b>	30Wr.m.s. (8 ohms, T.H.D.10%)	50Wr.m.s. (8 ohms, T.H.D.10%)
<b>Speaker</b>	25cm × 1	30cm × 1
<b>Input Jack</b>	INPUT (HIGH GAIN) × 1	INPUT (HIGH GAIN) × 1 EFFECT LOOP IN × 1
<b>Output Jack</b>	PHONES × 1 LINE OUT × 1	PHONES × 1 EFFECT LOOP OUT × 1 LINE OUT × 1
<b>External Control Terminals</b>	—	COMPRESSOR FOOT SW. × 1
<b>Input Sensitivity</b> VOLUME (1kHz) MASTER VOL. } max. EQ	- 40dB	- 55dB
<b>Noise</b>	- 45dB (VOLUME → max., MASTER VOL. → max.) - 65dB (VOLUME → max., MASTER VOL. → min.)	- 30dB (VOLUME → max., MASTER VOL. → max.) - 60dB (VOLUME → max., MASTER VOL. → min.)
<b>Controls</b>	VOLUME MASTER VOL. BASS (80Hz, ± 10dB variable) MIDDLE (800Hz, ± 15dB variable) TREBLE (2kHz, ± 15dB variable) COMPRESSOR	VOLUME MASTER VOL. BASS (80Hz, ± 10dB variable) MID. FREQ. (200Hz ~ 1kHz) MID. LEVEL (± 15dB variable) TREBLE (2kHz, ± 15dB variable) COMPRESSOR

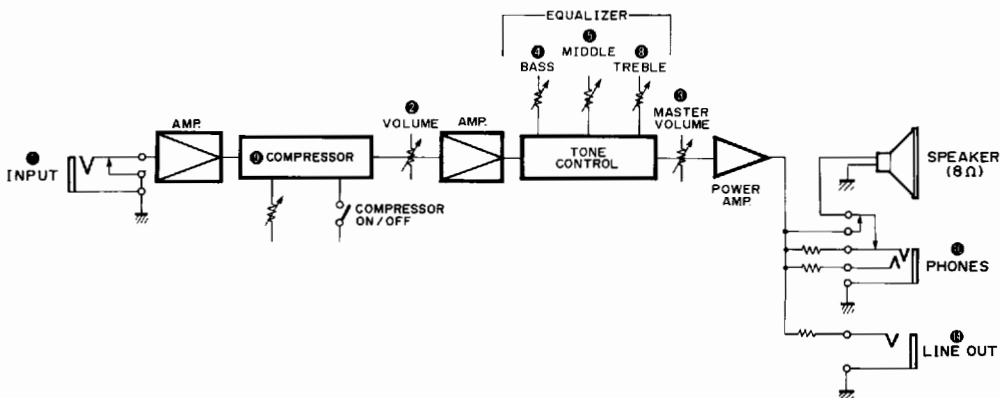
	<b>HR-2000B</b>	<b>HR-3000B</b>
<b>Headphone Output Power</b>	100mW (impedance 8 ohms)	100mW (impedance 8 ohms)
<b>Line Out Jack</b>	- 10dB	- 10dB
<b>Power Requirements</b> <b>U.S. &amp; Canadian models</b> <b>General model</b>	120V AC, 60Hz 110V/120V/220V/240V AC, 50/60Hz	120V AC, 60Hz 110V/120V/220V/240V AC, 50/60Hz
<b>Power Consumption</b> <b>U.S. &amp; Canadian models</b> <b>General model</b>	58W 83W	85W 120W
<b>Size (W x H x D)</b>	385 x 488 x 220mm (15-1/8" x 19-1/4" x 8-5/8")	429 x 514 x 234mm (16-7/8" x 20-1/4" x 9-1/4")
<b>Weight</b>	10kg (22lbs. 1ozs.)	12.6kg (27lbs. 12ozs.)

\* 0dB = 0.775 Vr.m.s.

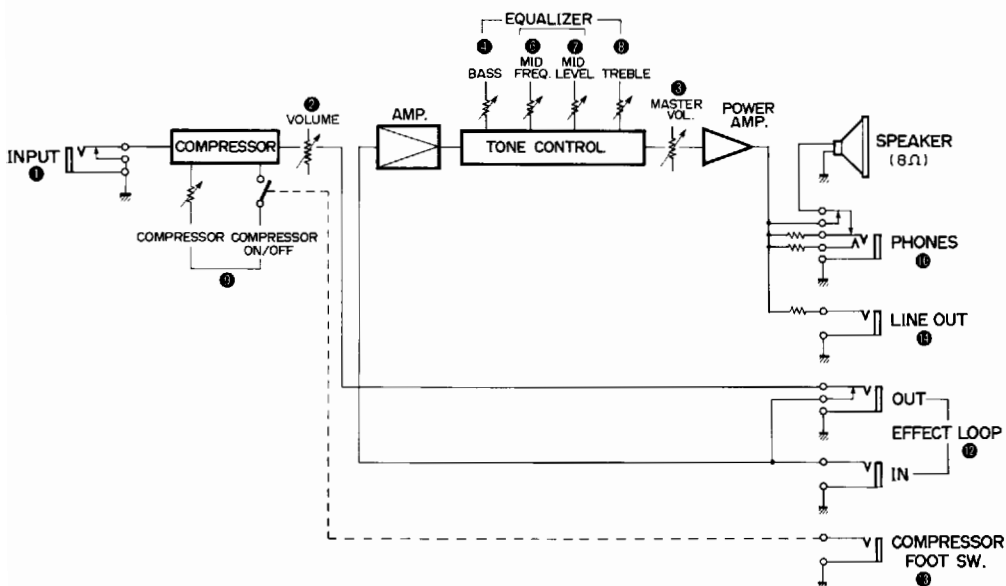
\* To improve the product, specifications and appearance are subject to change without notice.

# BLOCK DIAGRAM SCHEMA SYNOPTIQUE

## • HR-2000B



## • HR-3000B





SINCE 1887



**YAMAHA**

HAMAMATSU, JAPAN

#### SERVICE

The HR-2000B/HR-3000B are supported by Yamaha's worldwide network of factory trained and qualified dealer service personnel. In the event of a problem, contact your nearest Yamaha dealer.

#### SERVICE APRÈS-VENTE

Le HR-2000B/HR-3000B est supporté par un réseau mondial de services après-vente Yamaha animés par un personnel de vente et des techniciens dépanneurs qualifiés et formés en usine. N'hésitez pas à vous en remettre au distributeur Yamaha le plus proche de votre domicile en cas de doute ou de panne.