

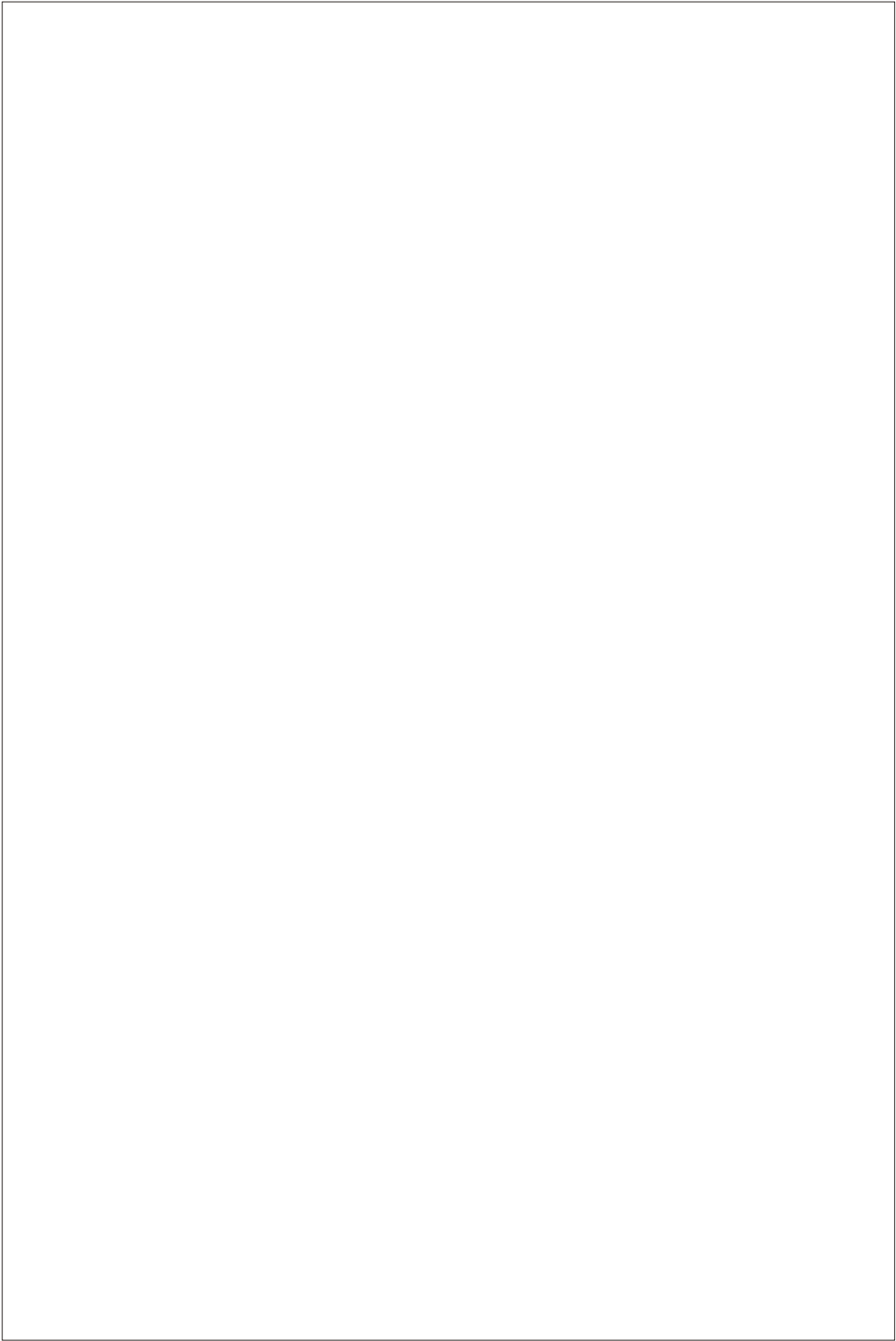


OWNER'S Manual

BASS AMPLIFIER

CB-110X





Dear Customers


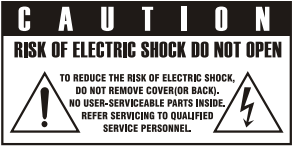

Please carefully read and strictly follow the owner`s manual when you use H series professional amplifier. If you have any question, please contact the local dealer.

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Thank you for purchasing our product.

To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference. It's different in plug and socket from this device in some countries and regions, while the operation and connection of the device is same.

 <p>The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.</p>	 <p>To reduce the risk of fire or electric shock. Do not expose this apparatus to rain or moisture. To reduce the risk of electric shock. Do not remove cover. Refer servicing to qualified service personnel for repair this apparatus.</p>	 <p>The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.</p>
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※ **Voltage: Voltages are 220V AC, 50Hz.**

Caution

All the safety and operation instruction should be read before the appliance is operated. All warnings on the appliance and in the operation instructions should be adhered to. All operating and use instructions should be followed. The safety and operating instructions should be retained for future reference.

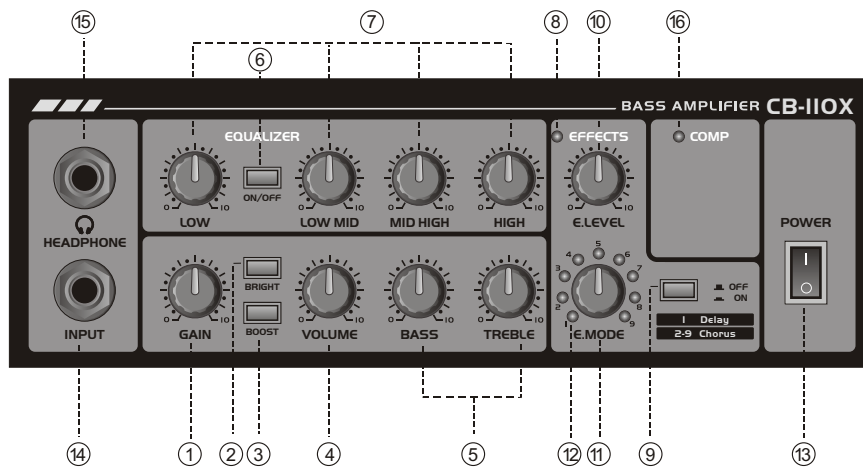
1. Connect the amplifier ONLY to a properly grounded AC outlet of the proper voltage for your amp.
2. Avoid the thread to be under kick and hustle by heavily.
3. Do not block any ventilation openings on this amplifier.
4. Do not operate near any heat source.
5. Do not expose this amplifier to rain or moisture.
6. Disconnected the electric thread if the amplifier dose not use forlong time.
7. To reduce the risk of electric shock, DO NOT remove the cover.

Overviews

- 12" bass speaker design
- 110W RMS (4ohm)
- 4 band EQ (LOW, LOW MID, MID HIGH, HIGH) for precise tonal shaping
- Powerful built-in effects (CHORUS, DELAY)
- Stereo auxiliary input for connecting CD player, drum machine etc.
- headphone output for silent practice
- preamp output
- extension speaker jack
- Footswitch (EFF ON/OFF)

The Panel Descriptions

The Top Panel



1. GAIN

Use this control to adjust the gain level of amplifier.

2. BRIGHT

Depress this switch for boosting the high frequency of amplifier.

3. BOOST

Depress this switch for boosting the low frequency of amplifier.

4. VOLUME

Use this control to adjust the output level of preamp. Rotate the control fully counterclockwise to MIN. Rotate the knob clock wise to the desired amount.

5. EQUALIZER

Use these 2 controls to adjust the bass, treble frequency level of the amplifier.

Equalizer

6. EQ ON/OFF

Use this switch to turn the EQ channel on or off..

7. EQ CONTROL

4-BAND EQ designed for boosting or cutting LOW, LOW MID, MID HIGH, HIGH level of EQ channel.

Effect

8. EFF LED

This LED illuminates when the Effect mode is selected.

9. EFF SWITCH

Use this switch to turn the Effect mode on (top of the switch depressed) and off (bottom of the switch depressed). The LED illuminates when the Effect is turned on.

10. EFF LEVEL CONTROL

Use this control to adjust the output level of the effect.

11. EFF MODE/PARAMETER ADJUSTMENT

This is a multi-function control which can change and edit the effects in real time. At the preset state, 9 built-in effects can be selected by rotating the controller. Enter the edit mode by depressing the control, rotating the control to adjust the parameter. To save the parameter and exit the edit mode, depress the control again.

※ THIS MACHINE WILL SAVE AND EXIT AUTOMATIC AT THE PROCESS OF EDITING IF THERE ISN'T ANY OPERATION WITH THIS CONTROL OVER 5 SECONDS.

※ DEPRESS THE CONTROL OVER 3 SECONDS WILL REMOVE THE PARAMETER BE EDITED AND GO BACK TO THE PRESET STATE.

12. EFF MODE LED

These LED indicate the 9 powerful build-in effects, besides, they indicate the parameter of the effect.

13. POWER

Use this switch to turn the amplifier on and off.

14. INPUT

(1/4" MONO) Use this jack to connect your bass guitar to the amplifier.

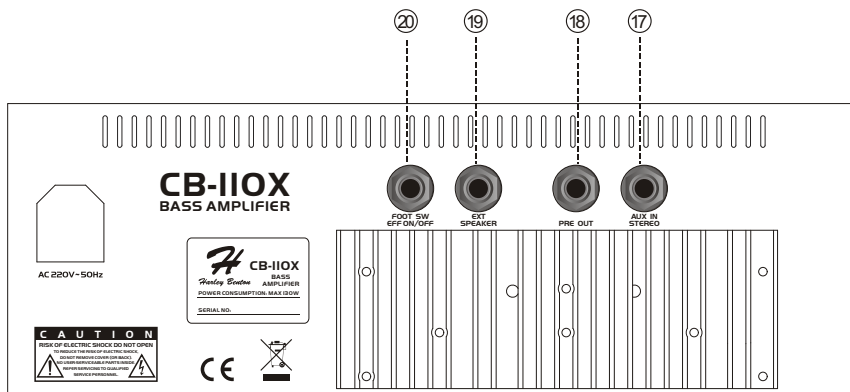
15. HEADPHONE

(1/4" STEREO) Use this jack to connect headphone for silent practice. The internal speaker is disconnected when this jack is used.

16. COMPRESSION LED

The compression circuit designed to limits harsh, transient peaks and evens out bass guitar signal in post-amp. This LED illuminates when he circuit is in work.

The Rear Panel



17. AUX INPUT

(1/4" STEREO) Use this jack to connect CD player, drum machine etc.

18. PREAMP OUTPUT

(1/4" MONO) the signal may be taken from this jack and sent to the mixer, recording console or external power amplifier.

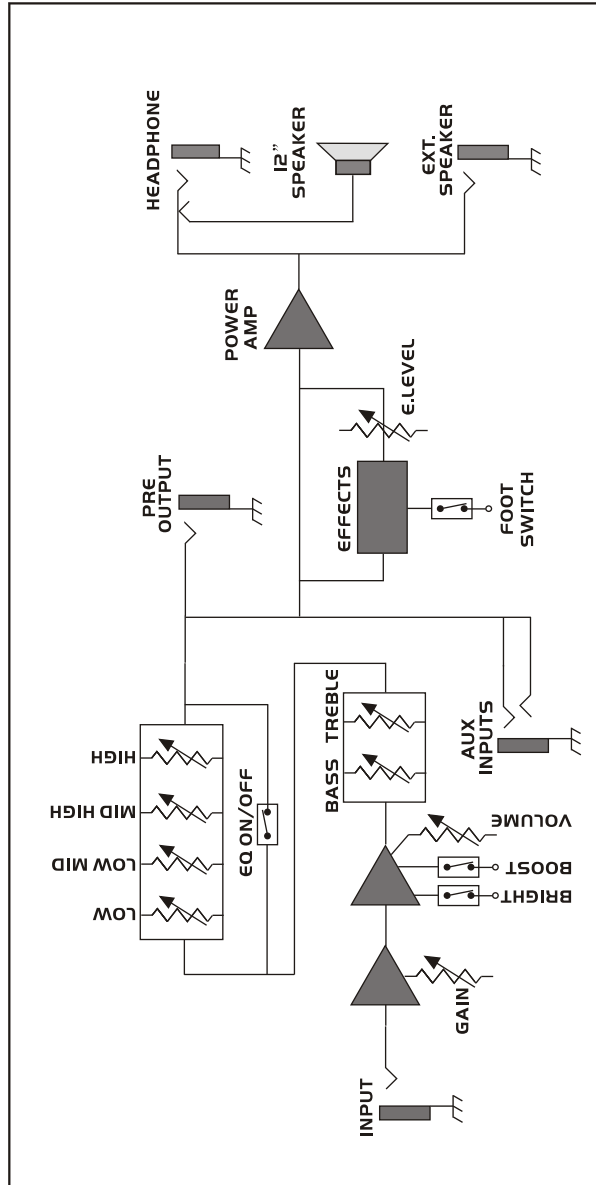
19. EXTENSION SPEAKER

(1/4" MONO) Use this jack to connect the amplifier to an external speaker cabinet.

20. FOOT SWITCH

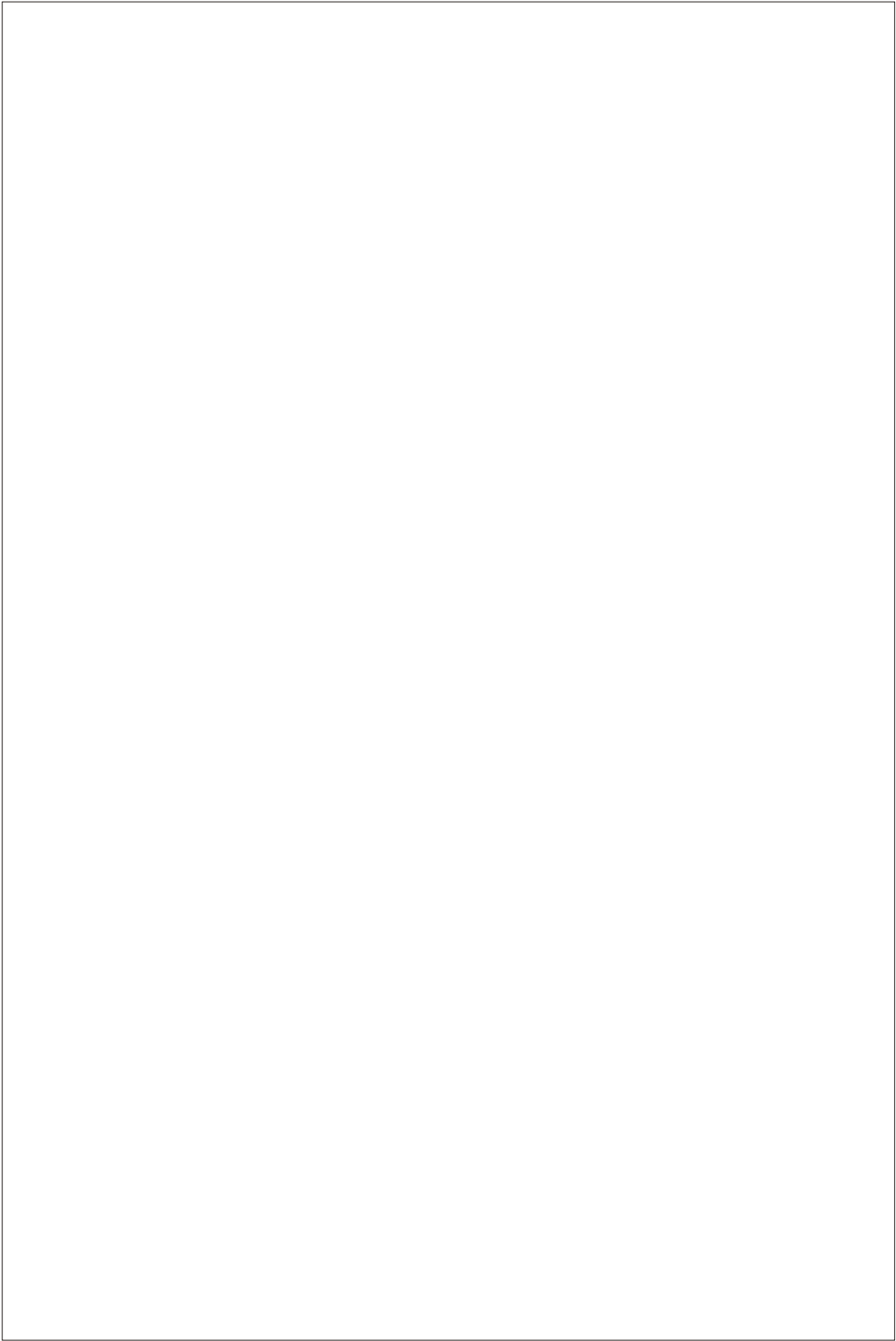
(1/4" STEREO) Use this jack to connect the footswitch for turning the EFF ON/OFF.

System Block Diagram



Specification

RMS.....	110W (4ohm)
INPUT SENSITIVE/IMPEDANCE	
.....INPUT (CHANNEL A)/-10dBu/1M ohm	
.....AUX IN/-10dBu	
SPEAKER	30cm (12inch)
CONTROL	
.....GAIN	
.....VOLUME	
.....BASS, TREBLE	
.....BRIGHT	
.....BOOST	
EQ	
.....EQ(ON/OFF)	
.....HIGH,MID HIGH, LOW MID,LOW	
EFFECTS	
.....E.LEVEL	
.....E.MODE	
.....EFF ON/OFF	
LED	
.....POWER	
.....COMPRESSION	
CONNECTION (1/4 ")	
.....INPUT (MONO)	
.....AUX IN (STEREO)	
.....HEADPHONE (STEREO)	
.....PRE OUT (MONO)	
.....EXT SPEAKER (MONO)	
.....FOOT SWITCH (EFF ON/OFF)	
POWER SUPPLY	AC 220V/50Hz
POWER CONSUMPTION	130W
DIMENSION.....	397(W)*324(D)*435(H) mm
PACKING SIZE	453*367*477mm
NET WEIGHT	16.8Kg



 **Owner`s Manual**
Harley-Davidson

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