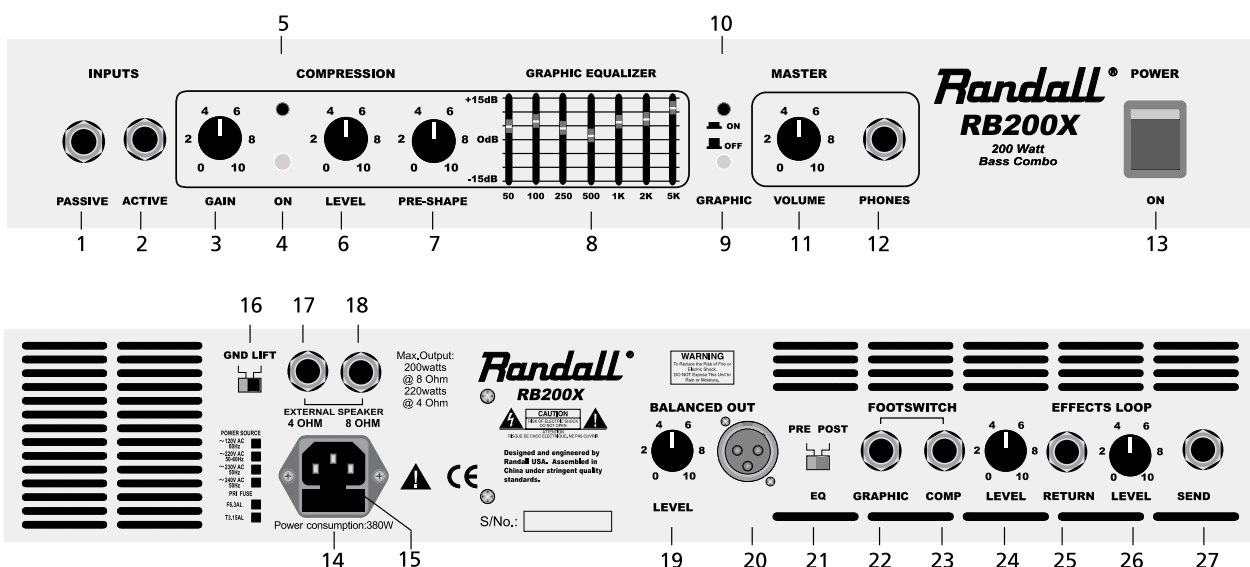


# ***Randall***®

A M P L I F I E R S



## **RB200X Bass Amplifier Operation Manual**



1. **Passive Input** - Optimized for basses without on board preamps.
2. **Active Input** - Optimized for basses with on board preamps.
3. **Gain** - The Gain control sets the input level to the amplifier.
4. **Compression Switch** - This switch is used to select the compression ON or OFF.
5. **Compression LED** - Indicates when the compression is on.
6. **Compression Level** - Controls the compression level.
7. **Pre-Shape** - Influences the sound on a narrow frequency band in the midrange.
8. **Graphic Equalizer** - 7-Band Equalizer provides accurate control over the tone of the amplified output to the speaker.
9. **Graphic Switch** - This switch is used to select the graphic equalizer ON or OFF.
10. **Graphic LED** - Indicates when the graphic equalizer is ON.
11. **Master Volume Control** - Adjusts the level of the master signal.
12. **Phones** - This stereo 1/4" jack accepts a standard pair of stereo headphones.
13. **Power Switch** - This turns the amplifier ON or OFF.
14. **Fuse Holder** - Contains the fuse.
15. **AC Inlet** - Connects the power cord.
16. **Gnd-lift Switch** - This switch is used to remove the ground from the circuit to eliminate excessive 60 cycle hum.
17. **External Speaker Jack** - Provided for connection of an external speaker with a minimum total impedance of 4 ohms.
18. **External Speaker Jack** - Provided for connection of an external speaker with a minimum total impedance of 8 ohms.
19. **Line Output Level** - Controls the balanced output level.
20. **Line Output** - Balanced XLR output can be used to route signals to a mixing console, or studio recording.
21. **Pre-Post EQ Switch** - This switch is used to select the line output pre EQ and post EQ.
22. **Foot Switch** - This footswitch is used to select the graphic equalizer ON or OFF.
23. **Foot Switch** - This footswitch is used to select the compression ON or OFF.
24. **Return Level** - Controls the returning signals level.
25. **Return Jack** - Input for returning signals from processing equipment.
26. **Send Level** - Controls the sending signals level.
27. **Send Jack** - Output for supplying signals to signal processing equipment.

## RB200X SPECIFICATIONS

<b>Rated Power &amp; Load:</b>	200W RMS into 8ohms 220W RMS into 4ohms
<b>Frequency Response:</b>	+0,3dB, 13Hz to 10KHz, @ 50W RMS into 8 ohms
<b>Hum &amp; Noise:</b>	Greater than 66dB below rated power
<b>Power Consumption:</b>	380W @ 50/60Hz, 110/120VAC 380W @ 50Hz, 230/240VAC
<b>Preamp Section:</b> The following specs are measured @ 1kHz with the controls	Pre-shape @ 5 Compression, off (out) Graphic Equalizer, off (out) Gain @ 5 Normal Master volume @ 10
<b>Passive Input:</b>	Impedance: High-Z 3.9 M ohm Nominal Input Level: 30dB, 30m V RMS Maximum Input Level: -24 dB, 64m V RMS
<b>Active Input:</b>	Impedance: High-Z 97k ohms Nominal Input Level: -24dB, 64m V RMS Maximum Input Level: -18dB, 130m V RMS
<b>Speaker:</b>	Model # (Bass): SP-RB200-RD - 4 X 10" Impedance 8 ohms Model # (Tweeter): PC-100 - 1
<b>Effects Send:</b>	Load Impedance: 10K ohms or greater Nominal Output Level: -10dB, 0.3V RMS or 0 dB, 1V RMS if effects Level @ 10
<b>Effects Return:</b>	Impedance: High-Z, 47k ohms Designed Input Level: -10dB, 0.3V RMS or 0dB, 1V RMS if effects Level @ 10
<b>Line Output:</b>	Nominal Output: -12dB, 250m V RMS Maximum Output: -6dB, 500m V RMS (XLR pin 2 positive/pin 3 negative)
<b>Phones Output: (Stereo Jack)</b>	Load Impedance: 8 ohms Nominal Output: 200m W
<b>Compression: (System)</b>	Range 18dB
<b>Graphic Equalizer:</b>	Range $\pm$ 15 dB Centers: 50 Hz, 250Hz, 500Hz, 1kHz, 2kHz, 5kHz
<b>External Foot Switch Functions:</b>	Compression In and Out Graphic Equalizer Bypass
<b>Dimensions &amp; Weight:</b>	25.63"W X 13.78"D X 31.2"H 46.8Kgs



### IMPORTANT SAFEGUARDS

THESE WARNINGS APPLY TO ALL RANDALL ELECTRONIC PRODUCTS. PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS CONTAINED IN THIS PAMPHLET, OWNER'S MANUAL AND THOSE ON YOUR RANDALL PRODUCT PRIOR TO ITS USE. RETAIN THESE WARNINGS FOR YOUR SAFETY AND REFERENCE.

#### WARNINGS AND SYMBOLS:



**LIGHTNING FLASH:** The lightning flash with an arrowhead within an equilateral triangle, is intended to alert the user of the presence of uninsulated **DANGEROUS VOLTAGE** within the product's enclosure that may be of significant magnitude to constitute risk of electric shock to persons.



**EXCLAMATION POINT:** The exclamation point within an equilateral triangle, is intended to alert the user of the presence of **IMPORTANT OPERATING AND MAINTENANCE OR SERVICE INSTRUCTIONS** in the literature accompanying the product.

#### WARNING GRAPHIC ON PRODUCT:



**WARNING**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



ATTENTION  
RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR

#### PRECAUTIONARY WARNING:



**RAIN AND MOISTURE:** To reduce the risk of fire or electric shock, **DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.** Operators of electronic products should in no way be in contact with water.



**GROUNDING:** To prevent electric shock, **DO NOT DEFEAT THE 3 PRONG GROUNDING PLUG** on product's power cord. Do not use an adapter, extension cord or outlet unless the blades can be fully inserted to prevent blade exposure.

#### WARNING GRAPHIC ON PRODUCT:

**CAUTION:** TO PREVENT FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE TO RAIN OR MOISTURE

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APPLY  
FIRST  
CLASS  
POSTAGE

**Randall**<sup>USA</sup>  
AMPLIFIERS  
444 East Courtland, St.  
Mundelein, IL 60060  
USA

**WARRANTY  
CARD**

**DETACH  
AND MAIL**

# THANK YOU FOR CHOOSING RANDALL

WE ARE GLAD YOU HAVE CHOSEN US TO BE YOUR MUSICAL PARTNER.  
OUR GOAL IS TO PRODUCE THE FINEST AMPS AVAILABLE ANYWHERE. WE  
HOPE YOUR NEW PURCHASE WILL PROVIDE YOU WITH YEARS OF MUSICAL  
SATISFACTION. WE ARE HERE TO SERVE YOU AND WELCOME YOUR  
COMMENTS AND SUGGESTIONS. AGAIN, WE THANK YOU FOR MAKING  
RANDALL PART OF YOUR MUSICAL JOURNEY.

# Randall®

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[www.randallamplifiers.com](http://www.randallamplifiers.com)

**Randall**<sup>USA</sup>  
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### 5 YEAR LIMITED WARRANTY

Randall guitar, bass speaker enclosures and amplifiers are warranted to be free from defects in materials and workmanship in normal use for a period of five (5) years from the date of original purchase.

Electronics and electronic components are covered for three (3) years and speakers for two (2) years.

During that period, Randall will, at its option, repair or replace materials at no charge. Products must be delivered to Randall, freight prepaid or to an authorized Randall Service Center with the original sales receipt or other proof of purchase. Warranty excludes exterior finish, normal wear and tear, failure due to abuse or operation outside the specified ratings. Warranty applies to original purchaser only. Warranty gives you specific rights which vary from state to state. For more information regarding warranty or service please contact:

**Randall Customer Service**  
444 East Courtland St.  
Mundelein, IL 60060 USA  
847-949-0444

RETAIN FOR YOUR RECORDS

(Complete, detach and return to Randall within 10 days of purchase)

NAME: \_\_\_\_\_ AGE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

EMAIL: \_\_\_\_\_ Do you wish to receive Randalls' E-newsletter? Yes \_\_\_\_\_ No \_\_\_\_\_

SERIAL NO.: \_\_\_\_\_ MODEL NO.: \_\_\_\_\_

DATE OF PURCHASE: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ RECEIPT NO.: \_\_\_\_\_

DEALER NAME: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

WHERE DID YOU HEAR OF THIS RANDALL PRODUCT?:

☐ Dealer ☐ Friend ☐ Catalog ☐ Advertisement In: \_\_\_\_\_

WHAT INFLUENCED YOU TO BUY THIS RANDALL PRODUCT?: (Check all applicable)

☐ Price ☐ Sound ☐ Appearance ☐ Dealer's Presentation ☐ Catalog and Specifications

WHAT OTHER COMPONENTS WILL BE USED WITH THIS RANDALL PRODUCT?:

\_\_\_\_\_  
\_\_\_\_\_