

INSTRUCTION MANUAL

MODEL: **Vintage B70**



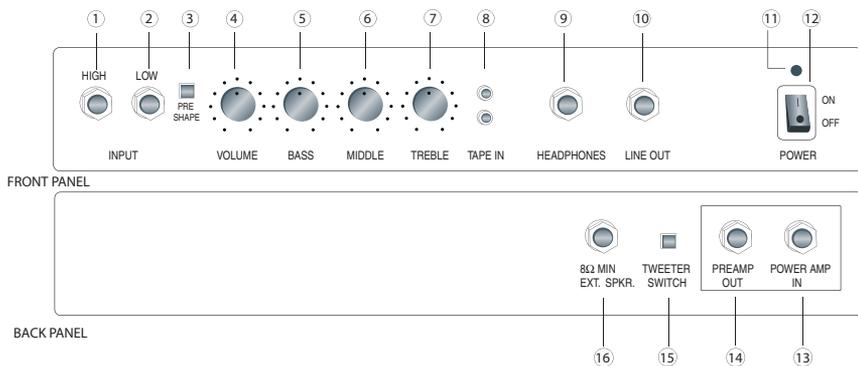
Johnson™

Vintage Series Bass Amplifier

INTRODUCTION

Thank you for choosing this Johnson amplifier. Please read this manual carefully and completely before operating your new amplifier.

PANEL FUNCTIONS



1 HIGH INPUT JACK

This jack is provided for instruments that have an average output frequency so, this input will be louder than the Low Input Jack. Always use an undamaged, shielded instrument cable.

2 LOW INPUT JACK

Connect the cable from your instrument's output jack to this jack. This jack is provided for instruments that have extremely high outputs that can result in distortion when connected to High Input Jack.

3 PRE-SHAPE IN/OUT BUTTON

When depressed, this button serves as a mid-cut control, adding fullness to your sound. Bass and treble frequencies will be accented.

4 VOLUME CONTROL

Controls the volume level of the amplifier.

5 BASS CONTROL

Used to shape the amplifier's tone by adjusting the bass frequencies.

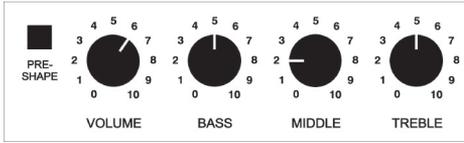
6 MIDDLE CONTROL

Used to shape the amplifier's tone by adjusting the middle frequencies.

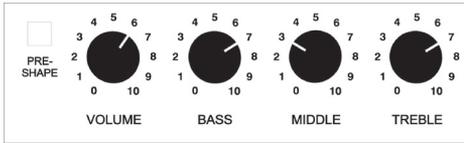
- 7 TREBLE CONTROL**
Used to shape the amplifier's tone by adjusting the high-end frequencies.
- 8 TAPE-IN CONTROL**
Used to connect a tape or CD player. Excellent for play-along practice, songwriting, or listening to playback from a recorder.
- 9 HEADPHONE JACK**
Used for private listening. Uses a 1/4" jack connector. *(Speaker disengaged when headphone jack is in use.)*
- 10 LINE OUT JACK**
Used connect the the amp to a house soundboard, a recording console, an electronic tuner, or an external power amp.
- 11 POWER ON/OFF INDICATOR**
LED glows when the unit is turned on.
- 12 POWER SWITCH**
This switch turns the unit ON and OFF.
- 13 POWER AMP JACK**
Used to connect to the line level output of an external effects device.
- 14 PREAMP OUT JACK**
Used to connect to the line level input of an external effects device. This jack may also be used as a direct, unbalanced "send" for recording, etc.
- 15 TWEETER ON/OFF SWITCH**
This switch turns the tweeter ON and OFF. It is used to shape your sound by trimming higher frequencies.
- 16 EXTERNAL SPEAKER JACK**
Used to connect an external speaker cabinet (minimum impedance rating of 8 ohms) to the amp.

SUGGESTED SETTINGS

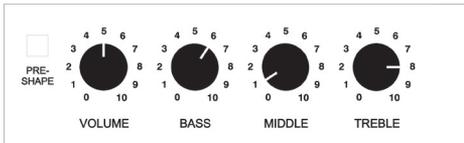
Electric Bass



Electric Funk Bass

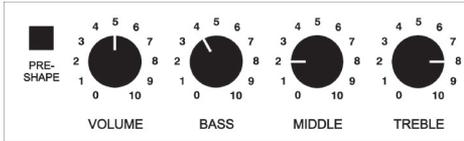


Acoustic *

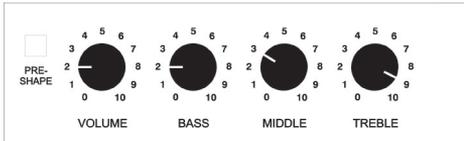


*Settings done with 3-Band EQ+
3-Band EQ with Presence (set
flat, no boost or cut) and volume
at half way.

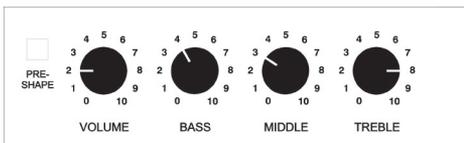
Punchy Acoustic



Piano



Organ



Note:

All settings are done with TWEETER SWITCH (back of amplifier) on.

TECHNICAL SPECIFICATIONS

POWER SUPPLY	110/115VAC/50Hz~60Hz
POWER OUTPUT:	70 watts RMS @ 8 ohms
SENSITIVITY (gain at max):	91 dB
LOAD IMPEDANCE:	8 ohms
INTERNAL SPEAKER:	12" Woofer & 2.5" Tweeter
INPUT:	1/4" Mono Jack
OUTPUT:	1/4" Mono Jack
DIMENSIONS:	17.25"(W) x 18.5"(H) x 11"(D)
WEIGHT (<i>approx.</i>):	35 lbs.

PRECAUTIONS

POWER SOURCES

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.

INSERTION WARNING

Never place objects of any kind into this product as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

SERVICING

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

HEAT

The product should be placed away from heat sources, such as radiators, heat registers, stoves, or other products that produce heat.

CLEANING

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

SAFETY CHECK

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

SAFETY PRECAUTIONS

WARNING

CAUTION: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS AMPLIFIER TO RAIN OR MOISTURE. DANGEROUSLY HIGH VOLTAGE IS PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.



This symbol warns the user of dangerous voltage levels localized within the enclosure.



This symbol advises the user to read all accompanying literature for safe operation of the unit.



WARRANTY INFORMATION

This amplifier is warranted, to the original Purchaser, to be free from defects in material and workmanship for a period of five (5) years from the original retail purchase. This warranty is valid in North America only.

The manufacturer shall, at its option, either repair or replace the defective product if the product is returned to the original place of purchase. If any product returned is not defective within this warranty, the manufacturer shall so advise the Purchaser and thereafter shall dispose of said product in accordance with the Purchaser's instructions and at the Purchaser's cost. This warranty is not transferable by the Purchaser.

The warranty shall not apply to wearable parts, these items include, but are not limited to, amplifier knobs, feet, and handles.

This warranty shall not apply if the product has been misused or damaged as a result of neglect, abuse, alteration, improper handling, unauthorized repair or modification, accident or causes external to the product, such as, but not limited to, excessive heat or humidity.

The manufacturer's sole and exclusive maximum liability for any claim by the Purchaser, shall not exceed the wholesale value of the product. In no event shall the manufacturer be liable for any indirect, incidental, collateral, exemplary, or consequential damages or losses arising out of the Purchaser's purchase of the product. The above limitations may not apply in some states.