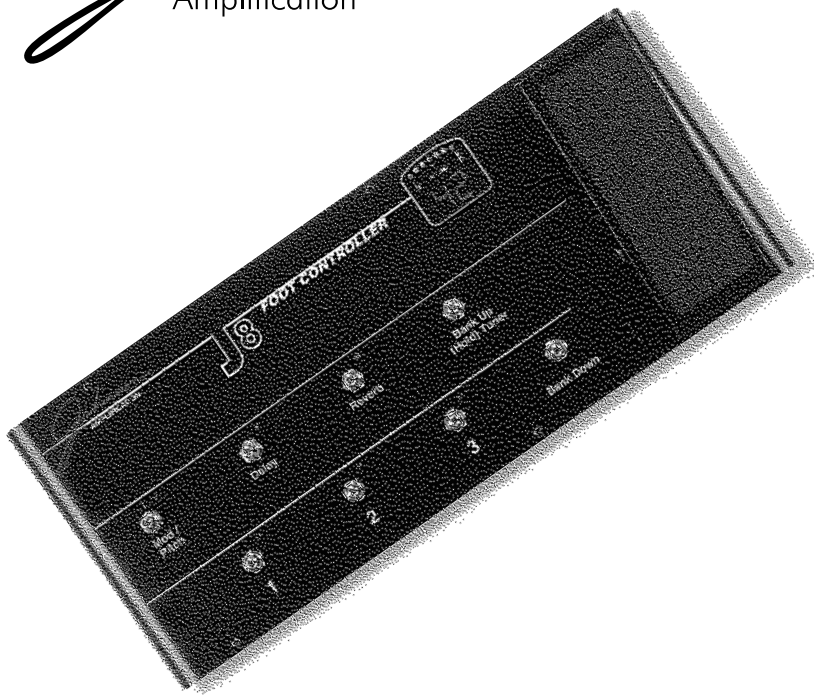


# J8 FOOT CONTROLLER

*Johnson*  
Amplification



## *User's Guide*

*Please visit Johnson Amplification on the World Wide Web at <http://www.johnson-amp.com>*

**H** A Harman International Company

## Declaration of Conformity

Manufacturer's Name: **Johnson Amplification**  
Manufacturer's Address: 8760 S. Sandy Parkway  
Sandy, Utah 84070, USA

Declares that the product:

Product Name: **Johnson J8**  
Product Options: For exclusive use with **Johnson** amplifiers

Conforms to the following product specifications:

Safety: IEC 65 (1985) with Amendments 1 & 2

EMC: EN 55013 (1990), EN 55020 (1991)

Supplementary Information:

The product here with complies with the requirements of the Low Voltage Directive 89/336/EEC as amended by Directive 93/68/EEC.

### **Johnson Amplification**

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Sandy, Utah 84070, USA  
Tel: (801) 566-8800  
Fax: (801) 566-7005

Effective October 15, 1998

European Contact: Your local Johnson Amplification Sales and Service Office, or

International Sales Office  
8760 S. Sandy Parkway  
Sandy, Utah 84070, USA  
Tel: (801) 568-7642  
Fax: (801) 568-7638

## ***Introduction***

***Congratulations!*** You are the proud owner of the Johnson J8 Foot Controller. The J8 is your key to getting the most out of your Johnson amplifier as it offers real time control over your sound. The J8 includes 8 footswitches, a numeric display, tuning LEDs, and an expression pedal, all housed in a rugged steel chassis.

Your Johnson J8 was carefully assembled and packaged at the factory. Before you proceed any further, make sure the following items are included:

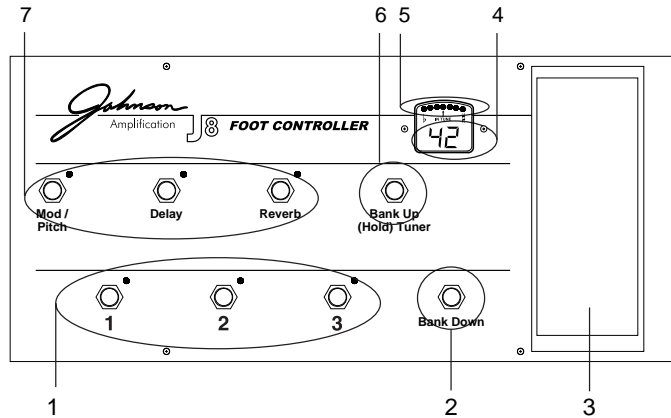
- ***(1) User's Guide***
- ***(1) J8 Footcontroller***
- ***(1) 25' 5 pin DIN cable***
- ***(1) Johnson Amplification warranty card***

Please save all packing materials. They were designed to protect the unit from damage during shipping. In the unlikely event that the unit requires service, please use these materials to return the unit to the factory.

***NOTE:*** The J8 is not a MIDI device and is to be used with **Johnson** amplifiers only.

# A Guided Tour of the J8

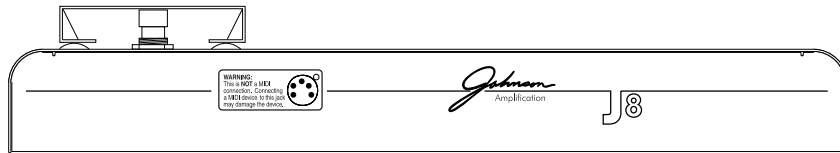
## Front View



- 1. Numbered Switches** - These three switches are used to call up presets within the selected bank on the Johnson Amplifier. The LED above the switch will light indicating the active preset.
- 2. Bank Down Switch** - This switch is used to decrement through banks. This switch will bypass all effects on the Millennium series when pressed and held.
- 3. Expression Pedal** - This pedal is used to control parameters in real time. On the Millennium JM150 and JM250, this pedal may be assigned to control any parameter. On the Marquis and Mirage amps, it will act as a volume pedal or a wah pedal only. A switch under the toe of the pedal will engage or disengage the wah effect.
- 4. LED Display** - This display will indicate the currently active Bank and Preset on the Johnson Amplifier. In tuner mode, the display will show the note being played.
- 5. Tuner LEDs** - These LEDs will indicate whether the note being played is sharp, flat, or in tune when the tuner mode is engaged.
- 6. Bank Up/Tuner Switch** - This switch serves a dual function. Single presses of the switch will advance the Johnson amp to the next bank of presets. Pressing and holding this switch down for two seconds will access the tuner mode.
- 7. Effect Switches** - These switches will turn on and off the Mod/Pitch, Delay, and Reverb effects in the currently active preset. The LEDs above these switches will indicate the current status of the corresponding effect.

## **Rear Panel**

The rear panel of the J8 has one 5 pin DIN jack. This jack is used to connect the J8 to the Johnson amp with a 5 pin DIN cable.



## **About the J8**

### **Connections**

Connecting the J8 to your Johnson Amp is very easy. Follow these steps when connecting the J8 to the amplifier for the first time:

1. Begin with the power turned off on your amplifier.
2. Using the supplied 5-pin DIN cable, connect from the controller output jack on the back of the J8 to the J8/J12 Foot Controller jack on the back of your amplifier.
3. Power up the amplifier. With the Millennium series amplifiers, all that is needed to do is move the expression pedal a few times and the J8 will be ready to use.
4. On the Marquis and Mirage series amplifiers, the J8 will enter a calibration mode the first time it is connected. The display will briefly flash 1.X (software version number) followed by  $Pb$ .
5. Rock the J8's expression pedal back (toe up position) and press any footswitch.
6. The display will now read  $PF$ . Rock the expression pedal forward (toe down position) and press any foot switch.

\*\*If  $Er$  appears in the display after step 6, wait until  $Pb$  appears in the display and follow steps 5 and 6 again.

When the display returns to the current program number, the J8 is now calibrated for your amplifier. This calibration routine will only need to be performed the first time the J8 is connected to you amp. If for some reason your J8 fails to function, consult you Marquis or Mirage User's Guide for recalibration instructions.

### **Footswitches**

The 8 footswitches on the J8 will access different functions in your Johnson Amplifier. The functions are fixed and cannot be changed when used with the Marquis and Mirage Series amps. These switches can be assigned to different functions in the Millennium Series amps.

### ***Bank Up/Tuner Foot Switch***

This foot switch will advance through the user banks of presets. Each successive press of the Bank Up Switch will advance to the next bank. Once a new bank has been selected, the 1, 2, and 3 switches will flash asking you to select a preset within that bank. The LED display will show the new bank number at this time. The Amp will wait 5 seconds for you to select a preset within that bank. If no preset selection is made within 5 seconds, the Amp will revert back to the current bank and preset.

### ***Tuner***

The Bank Up switch will also activate the tuner. To activate the tuner, press and hold the Bank Up switch for 2 seconds. Once the tuner mode is activated, the LED display will read "E L ." At that point, any note played will register in the display. The 7 tuner LEDs above the display will provide an indication as to whether the note is flat, sharp, or in tune. When the single green LED in the center is lit, the note is in tune. If LEDs to the left are lit, your note is flat and must be tuned up. If LEDs to the right are lit, your note is sharp and must be tuned down. To exit the tuner mode, simply press any footswitch.

### ***Numbered Foot Switches***

The 3 numbered foot switches will access one of the three presets or channels in the currently selected bank. Each of these switches has an LED directly above it to indicate the currently selected preset. These switches correspond to switches 1-3 when assigning functions in the Millennium Amps. See the Millennium User's Guide for instructions on switch assignments.

### ***Effect Foot Switches***

The 3 Effect foot switches correspond to the 3 effect types available in the Marquis and Mirage (Mod/Pitch, Delay, and Reverb). These switches turn the effects on and off on the fly. Each switch has an LED directly above it to indicate the status of the effect. On the Millennium Amps, these switches correspond to switches 7-9. See the Millennium User Guide for instructions on switch assignments.

### ***Expression Pedal***

The Expression pedal is used for real time control of effect parameters. On the Marquis and Mirage Series amps, the expression pedal can be used as a volume pedal or a wah wah pedal. In normal operation of these amps, the J8 will be a volume pedal. To change the function to a wah, simply rock the pedal all the way forward (toe down) and apply pressure on the toe. This will engage the switch and activate the wah. To disengage the wah effect, just repeat this toe down procedure and the expression pedal will control the volume again. On the Millennium Series amps, the expression pedal can control any parameter. The Expression pedal toe switch corresponds to the 0 switch on the Millennium Amps. See the Millennium User Guide for instructions on expression pedal and switch assignments.

### ***J8 Expression Pedal Calibration***

The J8's expression pedal automatically calibrates when first connected to the Johnson amps. In the event that the J8 has a problem communicating with the Marquis or Mirage amplifiers, consult your amplifier's user's guide for J8 calibration procedures.

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We at **Johnson Amplification** are very proud of our products and back-up each one we sell with the following

#### ***Warranty:***

- 1. The warranty registration card must be mailed within ten days after purchase date to validate this warranty.*
- 2. Johnson Amplification warrants this product, when used solely within the U.S., to be free from defects in materials and workmanship under normal use and service.*
- 3. Johnson Amplification liability under this warranty is limited to repairing or replacing defective materials that show evidence of defect, provided the product is returned to Johnson Amplification WITH RETURN AUTHORIZATION, where all parts and labor will be covered up to a period of one year. A Return Authorization number may be obtained from Johnson Amplification by telephone. The company shall not be liable for any consequential damage as a result of the products use in any circuit or assembly.*
- 4. Proof-of-purchase is considered to be the burden of the consumer.*
- 5. Johnson Amplification reserves the right to make changes in design, or make additions to, or improvements upon this product without incurring any obligation to install the same on products previously manufactured.*
- 6. The consumer forfeits the benefits of this warranty if the product's main assembly is opened and tampered with by anyone other than a certified Johnson Amplification technician, or if the product is used with AC voltages outside of the range suggested by the manufacturer.*
- 7. The foregoing is in lieu of all other warranties, expressed or implied, and Johnson Amplification neither assumes nor authorizes any person to assume any obligation or liability in connection with the sale of this product. In no event shall Johnson Amplification or its dealers be liable for special consequential damages or from any delay in the performance of this warranty due to causes beyond their control.*

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