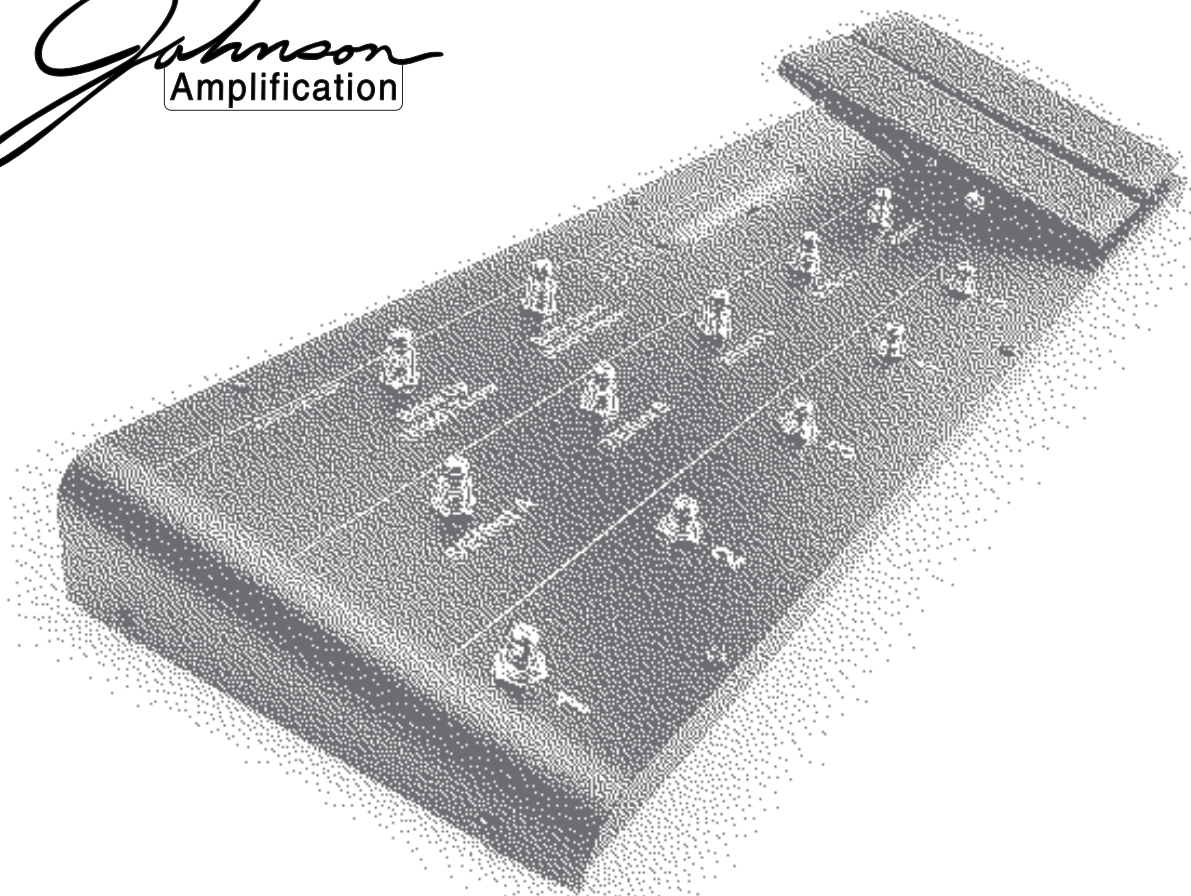


J12

FOOT CONTROL SYSTEM



User's Guide

Please Visit Johnson Amplification on the World Wide Web at <http://digitech.com>

■ A Harman International Company

Safety Precautions.....2
Warranty.....2
Quick Start.....3
Introduction3

Section 1 - Startup

Front Panel Controls and Functions4
 Program/Effect Switches4
 Bank UP/DOWN Bypass/Tuner Footswitches4
 Bypass Switch.....4
 Continuous Control Expression Pedals4
 Rear Panel Connections4
 Control Output4

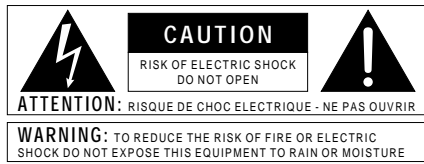
Section 2 - Basic Operation

Using the J-125

Section 3 - Programming the J-12

Foot Controller6

Safety Precautions



The symbols shown at left are internationally accepted symbols that warn of potential hazards with electrical products. The lightning flash with arrowpoint in an equilateral triangle means that there are dangerous voltages present within the unit. The exclamation point in an equilateral triangle indicates that it is necessary for the user to refer to the owner's manual.

These symbols warn that there are no user serviceable parts inside the unit. Do not open the unit. Do not attempt to service the unit yourself. Refer all servicing to qualified personnel. Opening the chassis for any reason will void the manufacturer's warranty. Do not get the J-12 wet. If liquid is spilled on the unit, shut it off immediately and take it to a dealer for service. Disconnect the equipment during storms to prevent damage.

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 product's 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 foregoing is in lieu of all other warranties, expressed or implied, and Johnson Amplification neither assumes nor authorizes any person to assume for it 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 or consequential damages or from any delay in the performance of this warranty due to causes beyond their control.

Johnson Amplification™ is a registered trademark of The Harman Music Group.

The information contained in this manual is subject to change at any time without notification. Some information contained in this manual may also be inaccurate due to undocumented changes in the product or operating system since this version of the manual was completed. The information contained in this version of the owner's manual supersedes all previous versions.

Quick Start

For those of you who prefer to burn now and read later, we've included this Quick Start reference section to help you do it right the first time.

Connect Cables: Make sure the power is off before connecting or disconnecting the cable to the J-12. Using the included standard 5-pin DIN cable (MIDI-type), connect the J-12 to the jack on the rear panel of the JM 150, JM 250, 2112 SGS, GSP-2101, Valve FX or Legend II where labeled FOOT CONTROLLER. **DO NOT CONNECT ANYTHING BUT THE J-12 TO THE FOOT CONTROLLER JACK ON THE REAR PANEL OF THE JM 150, JH 250, 2112 SGS, GSP-2101, VALVE FX OR LEGEND II! DOING OTHERWISE MAY DAMAGE THE DEVICE. IF MIDI CONTROL IS DESIRED, CONNECT THE MIDI DEVICE(S) TO THE MIDI IN JACK.**

Apply Power: When you turn on the JM 150, JH250, 2112 SGS, GSP-2101, Valve FX or Legend II, the foot controller will also power up.

Select Program : Begin playing your guitar and choose any program using the footswitches or **(2101, Valve FX or Legend II only)**, by pressing the Program footswitch once and then entering the desired program number using the number footswitches. Once the program has been selected, the unit will change to that program.

Select Bank (JM 150, JH 250, 2112 Only): You can scroll through the 19 Banks of the JM 150, JH 250, 2112 by simply pressing either the **<Bank Up>** or **<Bank Down>** footswitch on the J-12. Once a bank is selected, press one of the flashing footswitches and the 2112 will move to the selected bank.

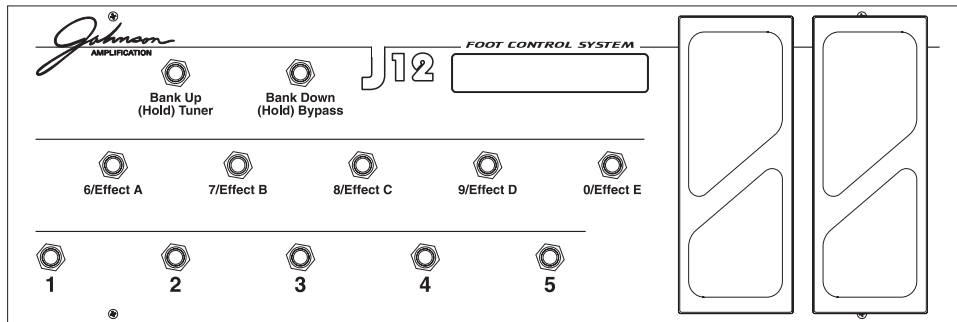
Introduction

Congratulations, and thank you for your purchase of the J-12 Foot Controller. The J-12 is a powerful remote foot controller that allows you to take full advantage of all the high-performance real-time control capabilities of the Johnson Amplification JM 150, JH 250 Integrated Modeling Amplifier. The J-12 Foot Controller can also be used with the Digitech 2112 SGS, GSP-2101, Valve FX or Legend II Guitar Processors. The unit is equipped with ten programmable footswitches, plus dedicated bypass and Program / Bank selector switches, along with two built-in expression pedals.

This owner's manual is your key to understanding the powerful world of the J-12. Read it carefully. After you've had time to familiarize yourself with the unit, try experimenting with unusual continuous controller Parameter links. You may get some interesting results. Johnson Amplification is always looking for new ideas, so if you feel that you've created something unique, send us your ideas at the address on the back cover of this manual. Good luck, and thank you for choosing Johnson Amplification.

Section 1 - Startup

Front Panel Controls and Functions



The front panel of the J-12 consists of a 20 character vacuum-fluorescent display, ten programmable footswitches, a dedicated bypass footswitch, a Select switch, and two built-in expression pedals.

- **Program Switches** - Each programmable switch has a number (0-9) and can be programmed to function in one of several ways.
- **Bank Up/ (Hold) Tuner switch** - This switch lets you move up through the Bank menu and select Banks simply pressing the footswitch once. Successive presses will move down to the next Bank. When the desired Bank is reached, press any of the flashing footswitches and the selected Bank will be activated. When you press and hold the footswitch, the J-12 will put the 2112 in Tuner mode.
- **Bank Down/ (Hold) Bypass switch** - This switch lets you move down through the Bank menu and select Banks simply pressing the footswitch once. Successive presses will move to the next bank. When the desired banks is reached, press any one of the flashing footswitches and the selected Bank will be activated. When you press and hold the footswitch, the J-12 will put the JM 150 and JM 250 in Bypass mode.
- **Continuous Control Pedals** - Real-time control of any Parameter in the 2112 SGS, GSP-2101, Valve FX or Legend II can be accomplished by using the two built-in continuous controller pedals. For complete information on Continuous Controller assignments, please refer to the original Owner's Manual shipped with the Johnson Amplification JM 150, JM 250, the Digitech 2112 SGS, GSP-2101, Valve FX or Legend II.

Rear Panel Connections



The rear panel of the J-12 consists of the control output (for use with the Johnson Amplification JM 150 and 250 , The Digitech 2112 SGS, GSP-2101, Valve FX or Legend II **only**)

- **Control Output** - The Control Output is a 5-pin DIN connector (MIDI-type). All control information generated by the J-12 is sent out the Control Output to the Johnson Amplification JM 150 and 250, The Digitech 2112 SGS, GSP-2101, Valve FX or Legend II. The J-12 also gets its power from the Johnson Amplification JM 150 and 250, The Digitech 2112 SGS, GSP-2101, Valve FX or Legend II down this cable, eliminating the need for a separate power supply for the foot controller.

IMPORTANT: The Control Output is not a MIDI output, and should not be connected to anything but the dedicated Foot Controller connector on the Johnson Amplification JM 150 and 250, The Digitech 2112 SGS, GSP-2101, Valve FX or Legend II.

Section 2 - Basic Operation

Using the J-12

Following is a basic step-by-step procedure on how to connect and use the J-12 with your 2112 SGS, GSP-2101, Valve FX or Legend II.

- Make sure the power to your Johnson Amplification JM 150 JM 250, Digitech 2112 SGS, GSP-2101, Valve FX or Legend II is off.
- Using a standard 5-pin DIN cable (MIDI-type), connect the Control Output to the Foot Controller input on the rear panel of the Johnson Amplification JM 150, JM 250, Digitech 2112 SGS, GSP-2101, Valve FX or Legend II.

WARNING: Do not connect devices other than the J-12 to the Foot Controller connector on the rear panel of the Johnson Amplification JM 150, JM 250 Digitech 2112 SGS, GSP-2101, Valve FX or Legend II. This is **not** a MIDI connection. Connecting devices other than the J-12 to the Foot Controller connector may damage the device.

- When the J-12 is connected, turn the Johnson Amplification JM 150, JM 250, Digitech 2112 SGS, GSP-2101, Valve FX or Legend II's power switch on. Both the signal processor/preamp and the J-12 will begin their power-up initialization sequences. When initialization is complete, the J-12's display will show the number and name of the currently selected Program on the Johnson Amplification JM 150, 250, Digitech 2112 SGS, GSP-2101, Valve FX or Legend II.
- To change Programs within the currently selected Bank, press one of the numbered Patch switches on the pedalboard. The display will change to reflect the name and number of the newly selected Program.
- **GSP 2101, Valve FX or Legend II only** To recall any Program number, press the Program / Bank Selector switch once and use the 0-9 pedals to enter the number of the Program you want. If the Program number you want is lower than 100, you must press the Program / Bank Selector switch again after the number has been entered. This tells the GSP-2101, Valve FX or Legend II that you are finished entering numbers and to initiate the change.
- **GSP 2101, Valve FX or Legend II only** To change Banks (a Bank is a group of Programs accessed using only the 0-9 pedals), press the Program / Bank Selector switch (the top right switch on the pedalboard) twice. The display of the J-12 reads: BANK NUMBER X. X indicates the currently selected Bank number.
- To select a Program in the new Bank press a footswitch (0-9).
- The CC pedal is set from the factory to control at least one Parameter in almost every Program in the 2112 SGS, GSP-2101, Valve FX or Legend II. Try it in each new Program to find out what it does.

Section 3 - Programming the J-12

All programming and setup for the J-12 is performed from the front panel of the Johnson Amplification JM 150, JM 250, Digitech 2112 SGS, GSP-2101, Valve FX or Legend II. Most of the setup menus that deal with the J-12 can be found in the Foot Controller section of the Utility setup menu.

For complete information of how the J-12 interacts with the 2112 SGS, GSP-2101, Valve FX or Legend II it will be necessary to refer to the original Owner's Manual shipped with each product. Although the features and functions are common in these three products, their procedures for setup vary slightly from product to product.

The first time the Contol One is connected to the GSP-2101, Valve FX or Legend II it will be necessary to calibrate the CC pedal to function correctly. This function can be found by pressing the <UTILITY> button once on the GSP-2101, Valve FX or Legend II. Please refer to the GSP-2101, Valve FX or Legend II's Owner's manual for further instructions.

The Johnson Amplification JM 150 JM 250 and the Digitech 2112 SGS will automatically calibrate the J-12 when connection is made.



8760 South Sandy Parkway
Sandy, Utah, 84070

Telephone (801) 566-8800
FAX (801) 566-7005

International Distribution:
3 Overlook Drive Unit 4
Amherst, New Hampshire 03031 U.S.A.
FAX (603) 672-4246

Johnson Amplification™ is a registered trademark
of the Harman Music Group

Copyright © 1997
Johnson Amplification

Printed In U.S.A. 10/97
Manufactured in the U.S.A.

J-12 18-0620-A