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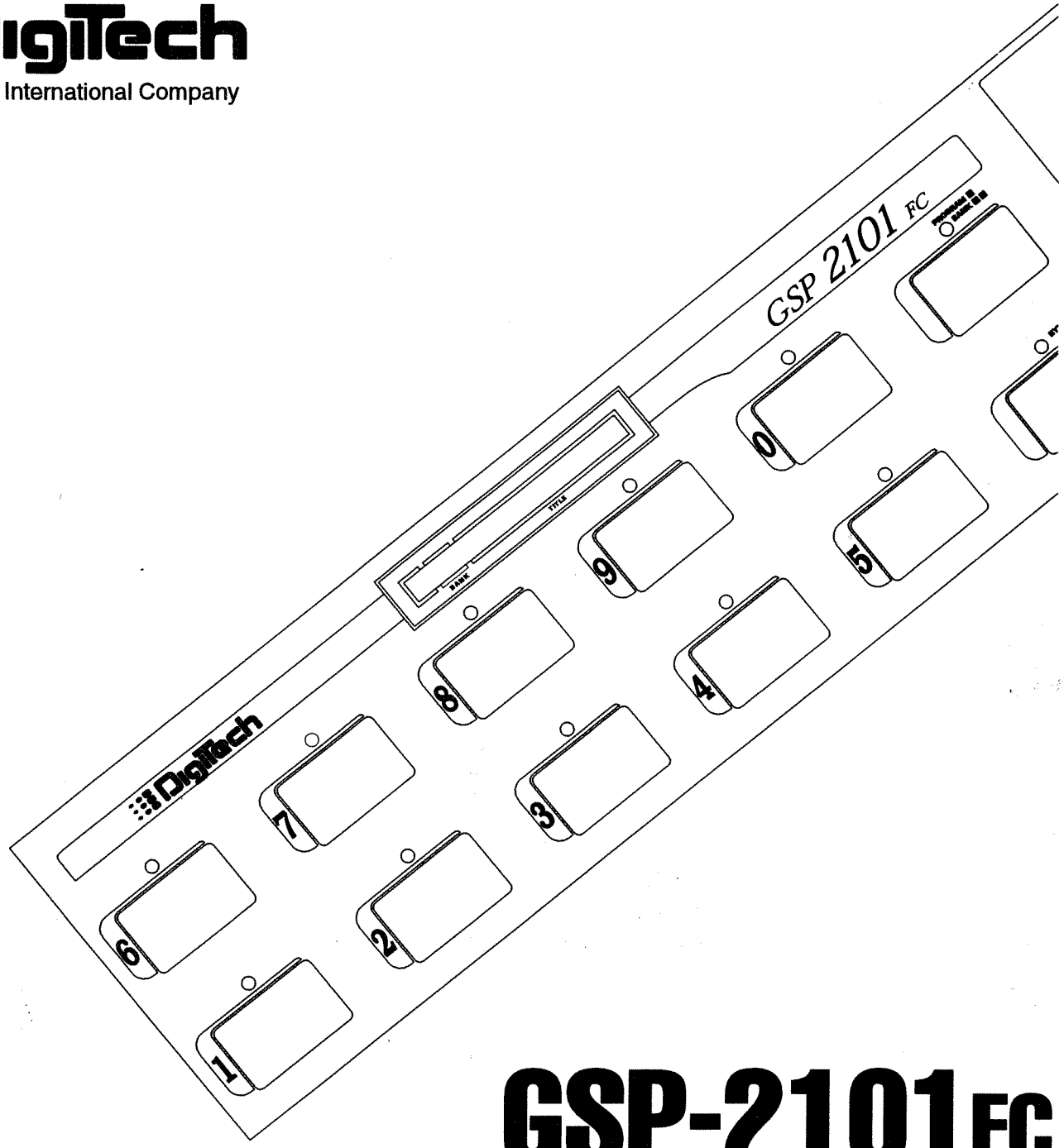

GSP-2101FC

Remote Foot Controller

Owner's Manual

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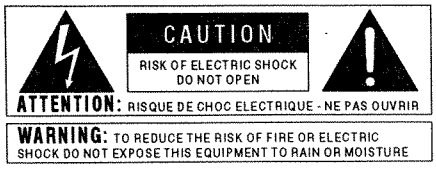
Safety Precautions



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 GSP-2101FC 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. DigiTech 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. DigiTech liability under this warranty is limited to repairing or replacing defective materials that show evidence of defect, provided the product is returned to DigiTech 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 DigiTech 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. DigiTech 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 DigiTech 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 DigiTech 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.

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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 sheet to help you do it right the first time.

Connect Cables: Make sure the power is of before making or changing connections on the GSP-2101 or GSP-2101FC. Using a standard 5-pin DIN cable (MIDI-type), connect the GSP-2101FC to the jack on the rear panel of the GSP-2101 labeled GSP-2101FC FOOTCONTROLLER. **DO NOT CONNECT ANYTHING BUT THE GSP-2101FC FOOT CONTROLLER TO THE FOOT CONTROLLER JACK ON THE REAR PANEL OF THE GSP-2101! DOING OTHERWISE MAY DAMAGE THE DEVICE. IF MIDI CONTROL IS DESIRED, CONNECT THE DEVICE(S) TO THE MIDI IN JACK.**

Apply Power: When you turn on the GSP-2101, the foot controller will also power up.

Select Program: Begin playing your guitar and choose any program using the footswitches or by pressing the Program <UP> and <DOWN> keys on the GSP-2101.

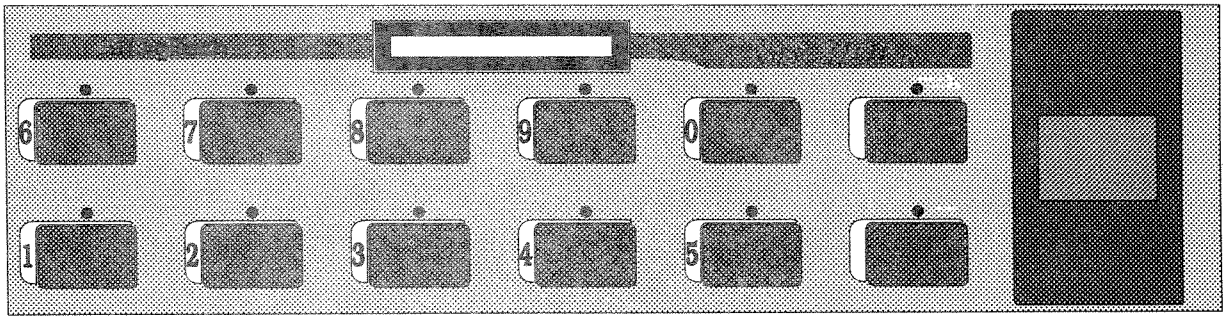
Introduction

Congratulations, and thank you for your purchase of the GSP-2101FC Foot Controller. The GSP-2101FC is a powerful remote foot controller that allows you to take full advantage of all the high-performance real-time control capabilities of the GSP-2101 Studio Tube Preamp / Processor. The unit is equipped with ten programmable footswitches plus dedicated bypass and Program / Bank selector switches, along with a continuous controller pedal built into the pedalboard.

This owner's manual is your key to understanding the powerful world of the GSP-2101FC. 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. DigiTech 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 DigiTech.

Section 1 - Startup

Front Panel Controls and Functions



The front panel of the GSP-2101FC consists of a 20 character vacuum-fluorescent display, ten programmable footswitches, a dedicated bypass footswitch, a Select switch, and the built-in continuous controller pedal.

- **Program Switches** - Each programmable switch has a number (0-9) and can be programmed to function in one of several ways.
- **Program / Bank Selector** - The Select switch allows you to switch Banks or to randomly select any Program number for instant recall.
- **Bypass Switch** - The Bypass switch, when active, passes the input signal directly to the output(s) of the GSP-2101, effectively bypassing all currently operating effects (including analog effects).
- **Continuous Control Pedal** - Real-time control of any Parameter in the GSP-2101 can be accomplished using the built-in continuous controller pedal (and / or an external CC pedal).

Rear Panel Connections

The rear panel of the GSP-2101FC consists of the control output (for use with the GSP-2101 only) and an external continuous controller input if more than one CC pedal or source is desired.

- **Control Output** - The Control Output is a 5-pin DIN connector (MIDI-type). All control information generated by the GSP-2101FC is sent out the Control Output to the GSP-2101. The GSP-2101FC also gets its power from the GSP-2101 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 GSP-2101.

- **External Continuous Controller Input** - This 1/4" jack allows a second continuous control device to be used with the GSP-2101. It responds to both control voltage and resistance pedals (volume-type), and can be used in conjunction with the built-in CC pedal.

Section 2 - Basic Operation

Using the GSP-2101FC

Following is a basic step-by-step procedure on how to connect and use the GSP-2101FC with your GSP-2101.

- Make sure the power to your GSP-2101 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 GSP-2101.

  WARNING: Do not connect devices other than the GSP-2101FC to the Foot Controller connector on the rear panel of the GSP-2101. This is **not** a MIDI connection. Connecting devices other than the GSP-2101FC to the GSP-2101's Foot Controller connector may damage the device.

- When the GSP-2101FC is connected to the GSP-2101, turn the GSP-2101's power switch on. Both the GSP-2101 and the GSP-2101FC will begin their power-up initialization sequences. When initialization is complete, the GSP-2101FC's display will show the number and name of the currently selected Program on the GSP-2101.
- 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.
- 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 that you are finished entering numbers and to initiate the change.
- 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 GSP-2101FC reads BANK NUMBER #. This indicates the currently selected Bank number.
- To select a new Bank, press a footswitch (0-9). The display briefly shows you the Bank you've selected, after which it returns to the previously selected Program name and number (because you have not yet selected a Program in the newly selected Bank).
- 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 GSP-2101. Try it in each new Program to find out what it does.

Section 3 - Programming the GSP-2101FC

All programming and setup for the GSP-2101FC is performed from the front panel of the GSP-2101. Most of the setup menus that deal with the GSP-2101FC can be found in the Foot Controller section of the Utility setup menu.

The Utility setup menu can be reached by simply pressing the <UTILITY> key once. After entering the Utility setup menu, the display reads 1OUTPUT MODE: (*stereo or mono*) 2FOOT CONTROLLER 3SALES BANNER (*on or off*).

To enter the Foot Controller menu, press Function key 2 on the GSP-2101.

Following are complete descriptions and procedures for all the setup menus relating to the GSP-2101FC.

Foot Controller

The Foot Controller setup menu contains all the setup options necessary to use the GSP-2101 with the optional DigiTech GSP-2101FC foot controller. The submenus included under the Foot Controller setup menu are:

- Patch Assignment
- LED Assignment
- Continuous Control

Patch Assignment

The Patch Assignment option allows any Patch in any Bank of the GSP-2101FC pedalboard to recall a GSP-2101 Program number. To illustrate, let's set Patch 7 of Bank 4 to recall Program 150 on the GSP-2101. The procedure is as follows:

- From Performance mode, press the <UTILITY> key once. The display reads: 1OUTPUT MODE: (*stereo or mono*) 2FOOT CONTROLLER 3SALES BANNER (*on or off*).
- Press Function key 2 once. The display reads: 1PATCH ASSIGNMENT 2LED ASSIGNMENT 3CONTINUOUS CONTROL.
- Press Function key 1. The display reads: 1BANK NUMBER: 1 2PATCH NUMBER: 1 3PROGRAM NUMBER: 1. This screen means that Patch 1 in Bank 1 of the GSP-2101FC is set to recall Program 1 of the GSP-2101.
- Since we need to assign Patch 7 in Bank 4, let's first select Bank 4 for editing. To do this, press Function key 1. Note that a cursor appears under the number next to BANK NUMBER.
- Use the Data wheel to select the Bank number for editing (in this case, Bank 4). Note that the Program number changes in increments of ten when you change the Bank number (remember that a Bank is a group of ten Patches). From the factory, the Banks, Patches, and Programs are set up to map directly across (i.e. in Bank 1, Patches 1-10 recall Programs 1-10 on the GSP2101, in Bank 2 Patches 1-10 recall Programs 11-20 of the GSP-2101, Bank 3 recalls Programs 21-30, etc.).
- Press Function key 2. Note that a cursor appears under the number next to PATCH NUMBER.
- Use the Data wheel the select the Patch you want to assign (for this example, Patch 7). Again, as you change the Patch designation, the Program number changes to reflect the current assignment for the Patch.

- Press Function key 3. Note that a cursor appears under the number next to PROGRAM NUMBER.

- Finally, use the Data wheel to select Program 150. The display should now read: 1BANK NUMBER: 4 2PATCH NUMBER: 7 3PROGRAM NUMBER: 150.

- Press <UTILITY> to exit to Performance mode.

Now, when you're in Bank 4, pressing Patch pedal #7 on the GSP-2101FC will recall Program #150 on the GSP-2101.

A similar procedure can be used to program pedals to increment or decrement through your Programs (instead of selecting a Program number, select PROGRAM UP or PROGRAM DOWN) or to increment or decrement through Banks (select BANK UP or BANK DOWN).

NOTE: When using PROGRAM UP / DOWN or BANK UP / DOWN, it is important to remember that they function only within their assigned Bank. When you leave the Bank in which they are assigned, they will take on their assigned function for the newly selected Bank. These functions can be assigned to as many Banks in the GSP-2101 that you want, but remember that you must set up each Bank individually.

Program Lists - Another special feature of the Patch Assignment menu allows you to step through custom sequences of Programs using a single footswitch. These sequences are called Lists. They can be up to 32 steps in length, and each step has its own Program number assignment.

The procedure for setting up a List of Programs is similar to the procedure for assigning Program numbers to pedals, except that the third line of the display should read LIST UP or LIST DOWN instead of a Program number. Note that when the third line reads LIST UP or LIST DOWN, an arrow appears next to the asterisk on the right side of the display. This arrow simply tells you that pressing the <NEXT> key will take you to the List setup menu.

The procedure for setting up a List is as follows:

- From Performance mode, press the <UTILITY> key once. The display reads: 1OUTPUT MODE: (*stereo or mono*) 2FOOT CONTROLLER 3SALES BANNER (*on or off*).

- Press Function key 2 once. The display reads: 1PATCH ASSIGNMENT 2LED ASSIGNMENT 3CONTINUOUS CONTROL.

- Press Function key 1. The display reads: 1BANK NUMBER: 1 2PATCH NUMBER: 1 3PROGRAM NUMBER: 1. This screen means that Patch 1 in Bank 1 of the GSP-2101FC is set to recall Program 1 of the GSP-2101.

- The cursor appears under PROGRAM NUMBER. Scroll through the Program numbers until the third line of the display reads LIST UP or LIST DOWN (whichever option you want the selected pedal to perform) followed by an asterisk and a right arrow.

- Press the <NEXT> key. The display reads: 1LIST SIZE 10 2STEP NUMBER 1 3PROGRAM NUMBER 1. This display tells you that the list is 10 step in length, and that the first step in the List will recall Program number 1.

- To change the number of steps in the List, press Access key 1 once. Using the Data wheel, adjust the length of the List (Lists can have a maximum of 32 steps).

- To change the Program number of a step in the List, press Access key 2 once and use the Data wheel to scroll to the step you want to change.

- When you have selected the step you want to change, press Access key 3 once and use the Data wheel to change the Program number recalled by the selected step.

- When you are finished adjusting your List, press the <UTILITY> key once to exit to Performance mode.

Programming Pedals as Function Keys - Still another option in the Patch Assignment menu allows you to set up any of the ten Patch pedals to function as though you pressed a Function key with an instant access Parameter assignment. In fact, the best way to visualize it is to think of what happens when you press an assigned Function key on the front panel of the GSP-2101. The following things can occur:

- When pressed once, the assigned Parameter is instantly selected, and the Data wheel gains control of the Parameter's value. Likewise on the GSP-2101FC, when a pedal assigned to a Function key is pressed, the Parameter is selected and the Parameter's value control is transferred to the CC pedal.

- When pressed twice, the assigned Parameter is first selected and incremented (or decremented) the equivalent of one Data wheel click. If the Parameter has only two possible values (such as an on / off Parameter), each subsequent press of the Function key toggles between them. If the Parameter has *more* than two possible values, each subsequent press of the Function key increments (or decrements) through the Parameter values. The same is true when a GSP-2101FC pedal is assigned to act as a Function key.

When set up to act as Function keys, assigned pedals and the CC pedal act exactly like the corresponding GSP-2101 front panel controls (Function keys and Data wheel), with only one exception: control of Parameters with only two values is not done from the CC pedal. They can only be controlled by toggling the assigned switch on or off.

LED Assignment

The LED indicators of the GSP-2101FC can be set up to function in one of three ways. In the LED NORMAL mode, the LED above the currently selected Patch will light. In LED REVERSED mode, all LEDs on the pedalboard *except* the currently selected Patch are lit. This setting is particularly useful for extreme low light environments where it is impossible to see the actual switches on the pedalboard. The third mode is called LED ALL ON, which causes all LEDs on the pedalboard to be lit all the time.

From the factory, the default setting of this option is LED NORMAL.

To select an LED mode, the procedure is as follows:

- From Performance mode, press the <UTILITY> key once. The display reads: 1OUTPUT MODE: (*stereo or mono*) 2FOOT CONTROLLER 3SALES BANNER (*on or off*).

- Press Function key 2 once. The display reads: 1PATCH ASSIGNMENT 2LED ASSIGNMENT 3CONTINUOUS CONTROL.

- Press Function key 2. The display reads: 1LED NORMAL 2LED REVERSED 3LED ALL ON. Note that an asterisk appears next to LED NORMAL.

- To select a mode, simply press the appropriate Function key. Note that the asterisk moves next to the option you choose.

- To exit to Performance mode, press <UTILITY> once.

Continuous Control

This series of menus and submenus allows setup of the continuous controller pedal(s) of the GSP-2101FC. There are several things you must do in order for the continuous controllers to work properly. The first and most important thing is calibrating the CC pedal(s) so that the GSP-2101 knows what ranges of control the pedal(s) can generate. Calibrating CC pedals allows the GSP-2101 to handle CC messages with the greatest efficiency and smoothness.

Pedal Calibration - Calibration procedures are the same for both the internal (built-in) GSP-2101FC continuous control pedal and external pedals that can be connected to the GSP-2101FC. They are as follows:

- From Performance mode, press the <UTILITY> key once. The display reads: 1OUTPUT MODE: (*stereo or mono*) 2FOOT CONTROLLER 3SALES BANNER (*on or off*).
- Press Function key 2 once. The display reads: 1PATCH ASSIGNMENT 2LED ASSIGNMENT 3CONTINUOUS CONTROL.
- Press Function key 3. The display reads: 1CALIBRATE CC PEDAL 2SET MIN AND MAX 3ASSIGN CC NUMBER.
- Press Function key 1. The display reads: 1CALIBRATE INT PEDAL 2CALIBRATE EXT PEDAL.
- Select whether you want to calibrate the internal (built-in) CC pedal or an externally connected pedal by pressing the appropriate Function key.
- The display reads: CALIB. INT (*or EXT*) CC PEDAL: MOVE CC PEDAL FULLY DOWN (FORWARD) AND PRESS 1. This step sets the maximum value of the CC pedal when it is in the fully forward position.
- Move the pedal to its full forward (toe down) position and press Function key 1. The display reads: CALIBRATE INT (*or EXT*) CC PEDAL: MOVE CC PEDAL FULLY UP (BACK) AND PRESS 2.
- Move the pedal to its full back (toe up) position and press Function key 2. When the display returns to the Utility setup menu, you have successfully calibrated the CC pedal.
- Press the <UTILITY> key to exit to Performance mode.

Set Min and Max - Sets the minimum and maximum MIDI CC values for the internal (built-in) and external CC pedals. This allows you to limit the range of control to fit your own personal taste. Procedures for setting minimum and maximum values are the same for both internal and external CC pedals. They are as follows:

- From Performance mode, press the <UTILITY> key once. The display reads: 1OUTPUT MODE: (*stereo or mono*) 2FOOT CONTROLLER 3SALES BANNER (*on or off*).
- Press Function key 2 once. The display reads: 1PATCH ASSIGNMENT 2LED ASSIGNMENT 3CONTINUOUS CONTROL.
- Press Function key 3. The display reads: 1CALIBRATE CC PEDAL 2SET MIN AND MAX 3ASSIGN CC NUMBER.
- Press Function key 2. The display reads: 1MIN/MAX: INT PEDAL 2MIN/MAX: EXT PEDAL.

- Select whether you want to set the MIN/MAX for the internal or external CC pedal by pressing the appropriate Function key. The display reads: MIN/MAX - INT (*or EXT*) PEDAL, followed by the current pedal value and current minimum and maximum settings for the pedal you selected. Note that as you move the pedal, the CUR PEDAL VALUE changes to correspond.

- To change minimum or maximum values, press the Function key that corresponds with the value you want to change (Function key 1 for minimum, Function key 2 for maximum). Note that a cursor appears under the value.

- Using the Data wheel, change the value as desired. Note that the MIN setting cannot be set higher than the MAX. When you're finished, press the <UTILITY> key to return to Performance mode.

Assign CC Number - This option allows you to choose the MIDI CC numbers you want to use for sending continuous control messages. From the factory, the default settings are: the internal (built-in) CC pedal uses MIDI CC #4 and any external pedal connected to the GSP-2101FC uses MIDI CC #16. These defaults can be changed by observing the following procedure:

- From Performance mode, press the <UTILITY> key once. The display reads: 1OUTPUT MODE: (*stereo or mono*) 2FOOT CONTROLLER 3SALES BANNER (*on or off*).

- Press Function key 2 once. The display reads: 1PATCH ASSIGNMENT 2LED ASSIGNMENT 3CONTINUOUS CONTROL.

- Press Function key 3. The display reads: 1CALIBRATE CC PEDAL 2SET MIN AND MAX 3ASSIGN CC NUMBER.

- Press Function key 3. The display reads: 1INT CC NUM: 4 2EXT CC NUM: 16 3CC TRANSMIT CHANNEL. This screen has three options. You can change the internal pedal's MIDI CC number, the external CC pedal's MIDI CC number, or you can change the MIDI channel(s) on which the internal or external pedal will transmit MIDI CC messages to other MIDI devices (using the MIDI Out port).

- To change the internal or external CC pedals' default MIDI CC number, press the appropriate Function key. Note that a cursor appears under the value of the pedal you selected.

- Use the Data wheel to change the value as desired.

- Press <UTILITY> to return to Performance mode.

The CC TRANSMIT CHANNEL option allows you to set the MIDI channel on which CCs will be sent out the GSP-2101's MIDI Out port to other MIDI devices. This option allows you to use CCs in the following three ways:

- For MIDI CC control of the GSP-2101 only,
- For MIDI CC control of the GSP-2101 and other MIDI devices *at the same time*
- For MIDI CC control of other MIDI devices *only* using the GSP-2101FC foot controller.

If you are using CCs for control of the GSP-2101 only, you don't need to worry about setting up this option. If, however, you plan to use the GSP-2101FC for continuous control over other MIDI devices (either in conjunction with the GSP-2101 or by themselves), it is necessary to assign a MIDI transmit channel for each of the CC numbers you'll be using for continuous control of the other devices.

To change the MIDI channels on which the selected CCs will transmit to other MIDI devices, the procedure is as follows:

- From Performance mode, press the <UTILITY> key once. The display reads: 1OUTPUT MODE: (*stereo or mono*) 2FOOT CONTROLLER 3SALES BANNER (*on or off*).

- Press Function key 2 once. The display reads: 1PATCH ASSIGNMENT 2LED ASSIGNMENT 3CONTINUOUS CONTROL.

- Press Function key 3. The display reads: 1CALIBRATE CC PEDAL 2SET MIN AND MAX 3ASSIGN CC NUMBER.

- Press Function key 3. The display reads: 1INT CC NUM: 4 2EXT CC NUM: 16 3CC TRANSMIT CHANNEL.

- Press Function key 3. The display reads: 1INT XMIT CHAN: OFF 2EXT XMIT CHAN: OFF.

- To change the CC transmit channel numbers, press the appropriate Function key to select whether you want to change the setting for the internal or external pedal and use the Data wheel to change the value as desired.

- When you're finished, press the <UTILITY> key to return to Performance mode.

In order for the external units to respond to CC messages you've set up to transmit out the GSP-2101 MIDI Out port, it is necessary to set them up to respond to the same CC MIDI channel that you've just set.

Linking Continuous Controllers

Creating MIDI continuous controller linkages on the GSP-2101 has been specially designed to be extremely fast and simple. Up to 4 CCs per Program can be linked to any Parameter in the GSP-2101. From the factory, the GSP-2101FC's default MIDI CC numbers are controller #4 (for the built-in CC pedal) and controller #16 (for any external pedals connected to the GSP-2101FC.

CCs are active only when the Program to which they are linked is active, and each assigned CC can be scaled to transmit only values within a specified range. Let's link MIDI Continuous Controller #4 (the built-in CC pedal) to a Parameter item.

To link a Parameter to local MIDI continuous controller #4, the procedure is as follows:

- From Performance mode, use the <NEXT>/<PREV> keys to select the Parameter you want to link to a MIDI continuous controller.

- When you have selected the Parameter you want to link, enter the MIDI setup menu by pressing the <MIDI> key once.

- Press the <NEXT> key once. The display reads: 1LOCAL CC LINK #1 ASSIGNMENT: NO LINK 2ASSIGN CC. The top line shows the currently selected CC number (remember you can have up to four links per Program).

- To assign a CC to the Parameter, press Function key 2 once. The display reads: 1MIDI CC NO LINK LL1 CONTROLLING (*Parameter name*). Note that a cursor appears under NO LINK.

- Using the Data wheel, select the MIDI continuous controller #4. The top line of the display reads: 1MIDI FC INT *, followed by the Local Link number. Note that whenever this Parameter is set to something other than NO LINK, the current minimum / maximum settings for the Parameter appear in the display. These settings allow scaling of Parameter ranges to fit your personal taste.

- To change the MIN VALUE setting, press Function key 2. A cursor appears under the value.
- Using the Data wheel, change the MINIMUM VALUE to the desired minimum Parameter value setting (the value of the Parameter when the CC pedal is in the full toe up position).
- To change the MAX VALUE setting, press Function key 3. A cursor appears under the value.
- Using the Data wheel, change the MAX VALUE to the desired maximum Parameter value setting (the value of the Parameter when the CC pedal is in the full toe down position).
- Press the <MIDI> key to return to Performance mode. The display returns to the Parameter you left off with. Note that a small CC appears next to the Parameter name. This symbol tells you that the Parameter is linked to a continuous controller.

At this point, you have successfully linked local CC #4 (the built-in CC pedal) to control a Parameter. When you move the pedal, the GSP-2101 sweeps smoothly between the two Parameter values you selected (MIN VALUE, MAX VALUE).

NOTE: It is possible to set the MAX VALUE Parameter lower than the MIN VALUE setting. This function can be used to reverse the action of the pedal performing the continuous control, i.e. toe down produces the MIN VALUE setting and toe up produces MAX VALUE.

CC Displayed

This is a simple option that allows you to see the CC values change in real time. When this Parameter is set to YES, the CC response time is slowed slightly, making it useful for troubleshooting MIDI CC problems (for quickest response time, this Parameter should be set to NO). Also, when this item is enabled, any CC activity will cause the GSP-2101 to automatically jump to the Parameter screen of the value being controlled.

To display CCs, the procedure is as follows:

- After entering the MIDI setup menu, press the <NEXT> key twice. The top line of the display reads: 1CC DISPLAYED followed by the current setting.
- To change the setting, press Function key 1 until the display shows the setting you want. When you're finished, press the <MIDI> button once to return to Performance mode.

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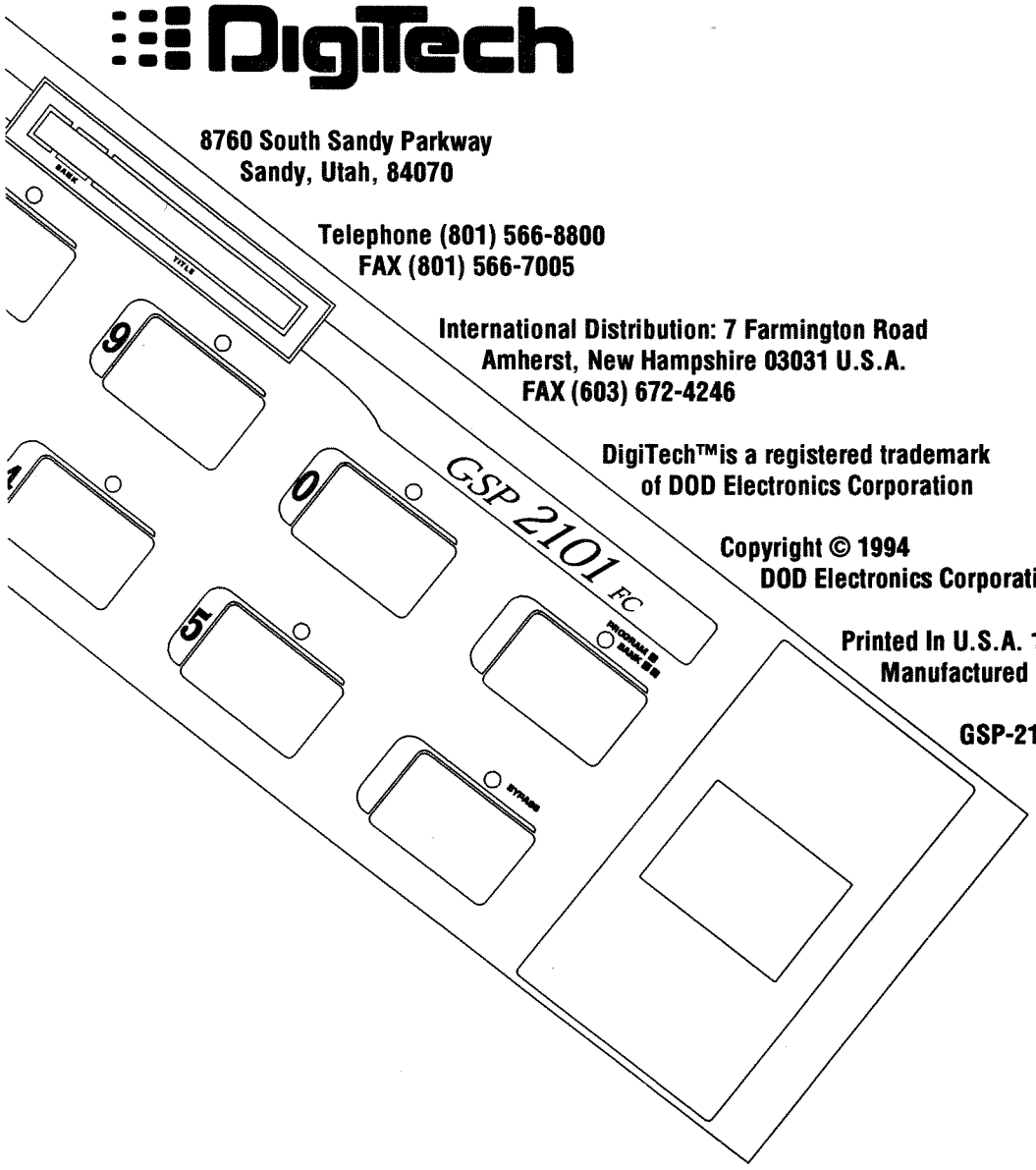
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