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G3

ATOM

THE ADVANCED SWITCHING SYSTEM

USER MANUAL

G3 THE ADVANCED SWITCHING SYSTEM

theGIGRIG.com

CONTENTS

1. INTRODUCTION

After years of work by myself and my extraordinary team of engineers, we are delighted to   introduce our new generation of pedalboard switching systems – TheGigRig G3 and G3 Atom.

We started from scratch and designed G3 from the ground up, obsessively testing and retesting every aspect of its design to ensure we delivered the most robust, fully featured, tonally transparent switching system in the world.

G3 is an expression of our passion: we compromised on nothing.

After years of design and testing G3 with every scenario imaginable, I can honestly say I'm so excited for you to dive in and explore its possibilities. Using a mix of the fully movable loops, phase reversible parallel blend, programable stereo output voltage-controlled amplifiers and stereo trails, I've been achieving some of the most inspirational sounds I've ever had. I cannot wait to see what you do with it.

I am so proud to head a team who are passionate about ensuring you have the best experience possible using our gear. If there's any way we can help you, please get in touch at support@thegigrig.com

Daniel Steinhardt

G3 THE ADVANCED SWITCHING SYSTEM

2. QUICK START GUIDE

We want you to jump right in, so here is what you need to know to get started.

2.1. BACK PANEL CONNECTIONS
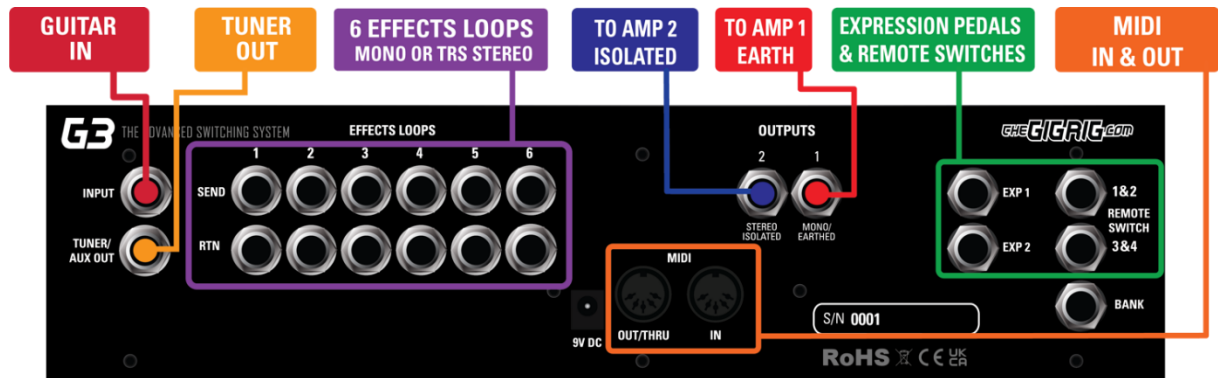
2.2. TOP PANEL
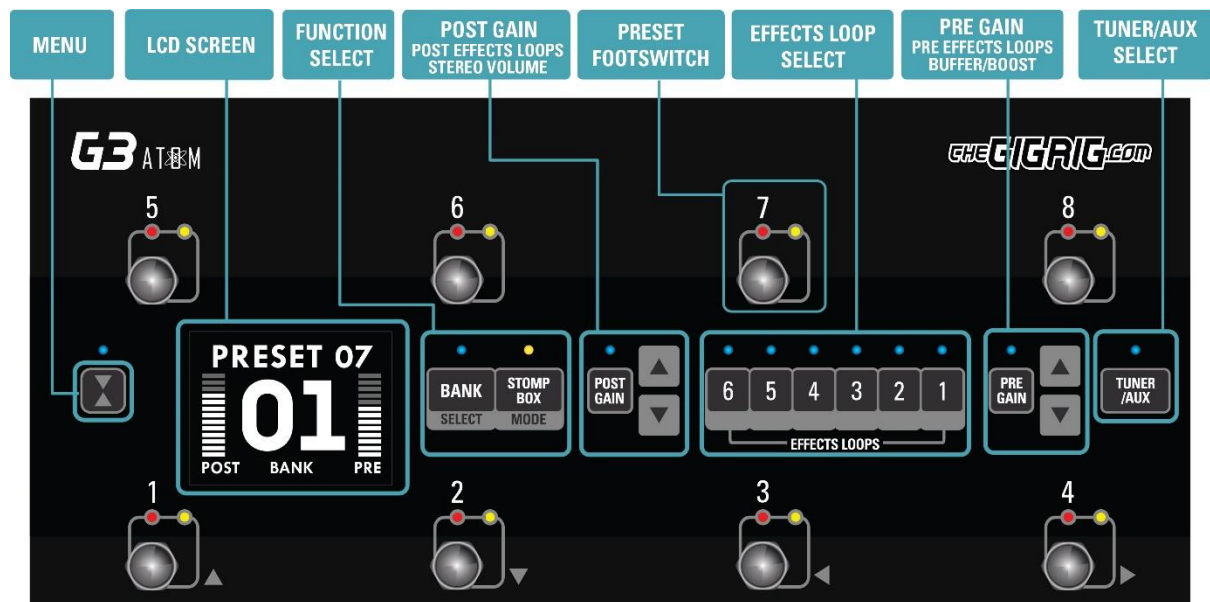
2.3. CONNECTIONS

To connect your effects to the back panel of G3:

1. Connect G3 Atom FX Loop SEND to FX Pedal Input.
2. Connect FX Pedal OUTPUT to G3 Atom Loop Return.
3. Connect your amp(s). PLEASE NOTE, if you are only using one amplifier/DAW you MUST use OUT1 as this is your earth/ground. Connect to your second amplifier or channel/DAW using OUT2, as this is isolated and phase reversible.
4. Connect your tuner to the TUNER/AUX Output.
5. Connect any MIDI enabled pedals using the MIDI INPUT/OUTPUT.
6. Connect your Remote Switch controllable devices (i.e. Amp channel, Remote Loopy 2, Tap Tempo) using G3 Atom's REMOTE SWITCH sockets.
7. Connect your power to G3 Atom. We strongly recommend using TheGigRig Generator, supplied with your G3 Atom.

2.4. PROGRAMMING

1. Choose the preset that you wish to programme by pressing a PRESET FOOTSWITCH. It will light up and the corresponding number will also appear on the LCD screen.

2. Select the EFFECTS LOOPS and CONTROL FUNCTIONS you wish to use with that preset.

3. Repeat for the other presets you wish to programme.

4. There is no store button. The G3 Atom remembers every time you press a button and automatically saves after each step.

2.5. STOMPBOX MODE

This enables you to add any LOOP or combination of LOOPS and CONTROL FUNCTIONS on top of any standard preset. This gives you the ability to create and build sounds on the fly without being tied to traditional presets.

1. Choose the PRESET you want to turn into a STOMPBOX Mode preset, ie: using PRESET 6.
2. Select the LOOP(s) you want to turn on. In this example I want to add a delay that is in LOOP 6
3. Now make sure everything else is turned off, including OUTPUTS and PHASE OUT2.
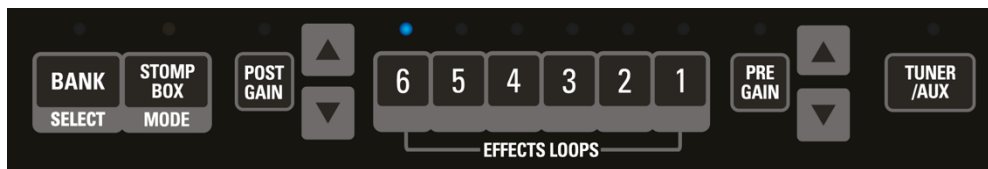
4. Now press the STOMPBOX MODE button. A yellow LED will turn on next to the main preset LED.

5. Preset 7 is now in STOMPBOX Mode and will add the delay in LOOP 6, ON TOP of any other preset.

You can add as many STOMPBOX MODE presets as you like. All Stompbox Mode presets will clear when you press any normal preset. This can, however, be changed in the DEEP EDIT MENU, by selecting either Sticky Stomp or Flash.
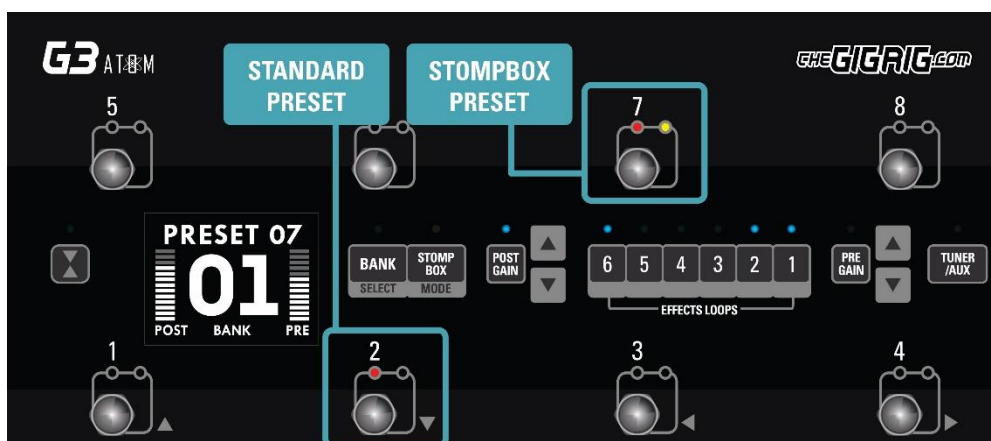
2.6 NAVIGATING THE DEEP EDIT MENU

Bank 01 Prst 03

name ▶

midi ▶

expression ▶

Press the [X] button on the left-hand side of the LCD screen to access the DEEP EDIT MENU. Use footswitches 1,2,3 & 4 labelled △▽◁▷ to navigate through the menu to edit the following; OUTPUTS, PHASE, REMOTE SWITCHES, MIDI, PARALLEL & WET/DRY SIGNAL PATHS, DELAY/REVERB TRAILS, PRESET NAMES, BLUETOOTH SOFTWARE UPDATES, STOMPBOX MODES, PRESET BANK COPY & PASTE, SCREEN BRIGHTNESS, etc.

G3 THE ADVANCED SWITCHING SYSTEM

3. CONNECTIONS

All of G3 Atoms' connections are made via the back panel.

3.1. INPUT - Connect your guitar here. Seems obvious, but this is the input.

3.2. TUNER/ AUX OUT – Connect your tuner here so you can tune silently on stage. The TUNER/AUX Send includes a TRS Return, so effectively you can use it as another effects loop.

3.3. EFFECTS LOOPS - There are 6 mono effects loops in G3 Atom that can be configured in various different ways. For example, you can pair them for stereo effects, connect them to your amplifier's effects loop (four cable method), connect your volume pedal, re-order the effects loops or create a wet/dry set up. Loops can also be configured in parallel or sent to different Outputs. Each loop on the G3 Atom has the capacity to become a stereo loop by using a TRS connector.

3.4. OUTPUTS - These two outputs are where we connect our amplifiers or audio interface.

IMPORTANT! Output 1 is your EARTH/GROUND and MUST be connected. Output 2 is isolated with an audio transformer to prevent earth loops when using two amps, so this is where you connect your second amp. If you are only using one amp you MUST connect to Output 1.

3.5. REMOTE SWITCHES – The G3 Atom features four remote switches configured into two TRS remote switch sockets which are programmable via the Deep Edit Menu. These can be used to change channels in your amplifier, tap tempo control, to control a Remote Loopy, in fact, they can be used for anything that uses isolated latching or momentary switches.

3.6. BANK REMOTE SWITCH - Simply connect a momentary switch into the BANK input and you will be able to control your G3 Atom banks remotely.

3.7. MIDI IN & OUT - This is where you connect your MIDI in and MIDI out cables from G3 Atom to control your MIDI effects. The connection here is a standard five pin din.

3.8. POWER (9V DC) - G3 Atom uses a standard centre 9V DC input connection. G3 Atom operates around 650 mA, so it is important that your power supply can provide sufficient current. TheGigRig Generator power supply is included with your G3 Atom.

3.9. EXPRESSION PEDALS (EXP1 & EXP2) - G3 Atom has two expression pedal ports that use a TRS connector. These can be used to send MIDI CC information, as well as being able to control G3 Atoms' PRE GAIN and POST GAIN levels. We recommend using The GigRig Wetterbox EXP Pedal, however, other EXP pedals may be compatible. For further info, contact support@thegigrig.com

3.10 CONNECTION EXAMPLES:

CONNECTING MONO EFFECTS
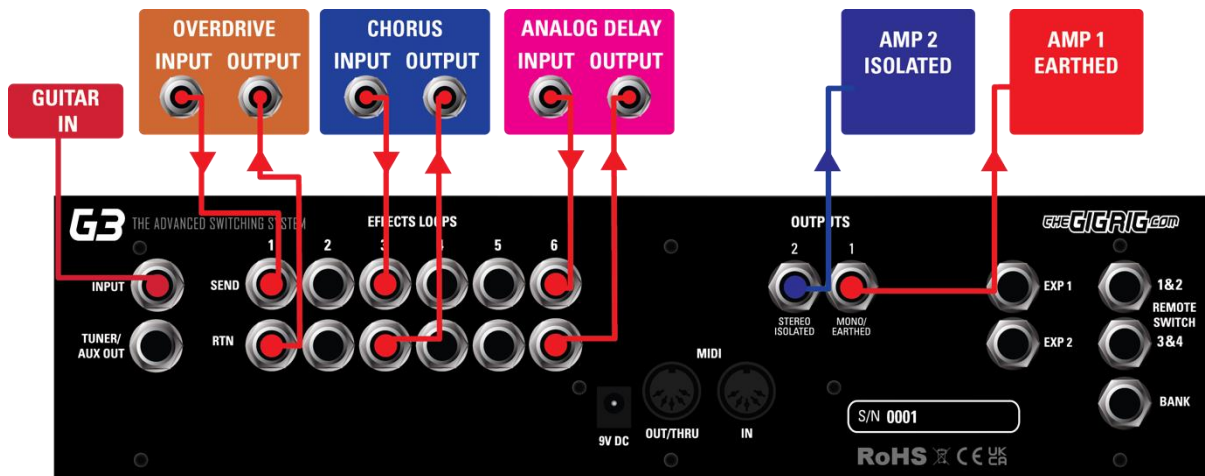
Connect G3 Atom FX Loop SEND to FX Pedal Input. Connect FX Pedal OUTPUT to G3 Atom Loop Return.

CONNECTING STEREO EFFECTS
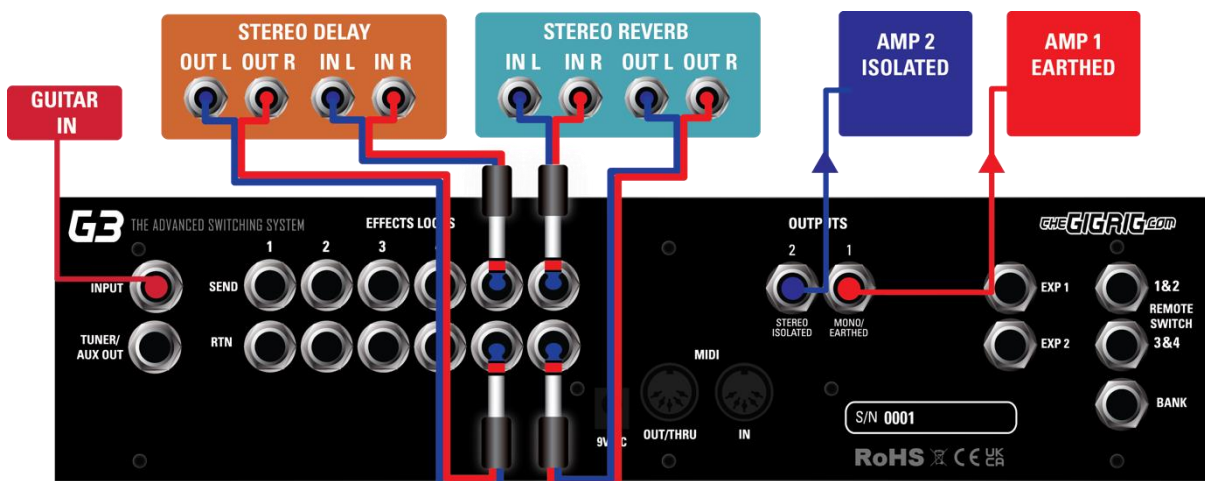
If you want to use stereo effects with the G3 Atom, you can pair two mono loops together into a single stereo loop. G3 Atoms' loops are paired as follows:

Each of G3 Atoms' loops can be configured into stereo loops using TRS to Dual Mono connectors.

To activate this functionality, enter the DEEP EDIT Menu then select GLOBAL, then select STEREO.

Then set the loops to stereo, as required.

CONNECTING AMPLIFIERS' EFFECTS LOOP

There are three important steps to connecting to your amplifier's effects loop.

I find the best way to explain this is to think of your amps' preamp as another pedal. Your preamp is connected to your amps' power section, and this is where the amps FX LOOP sits, between the preamp and power amp.

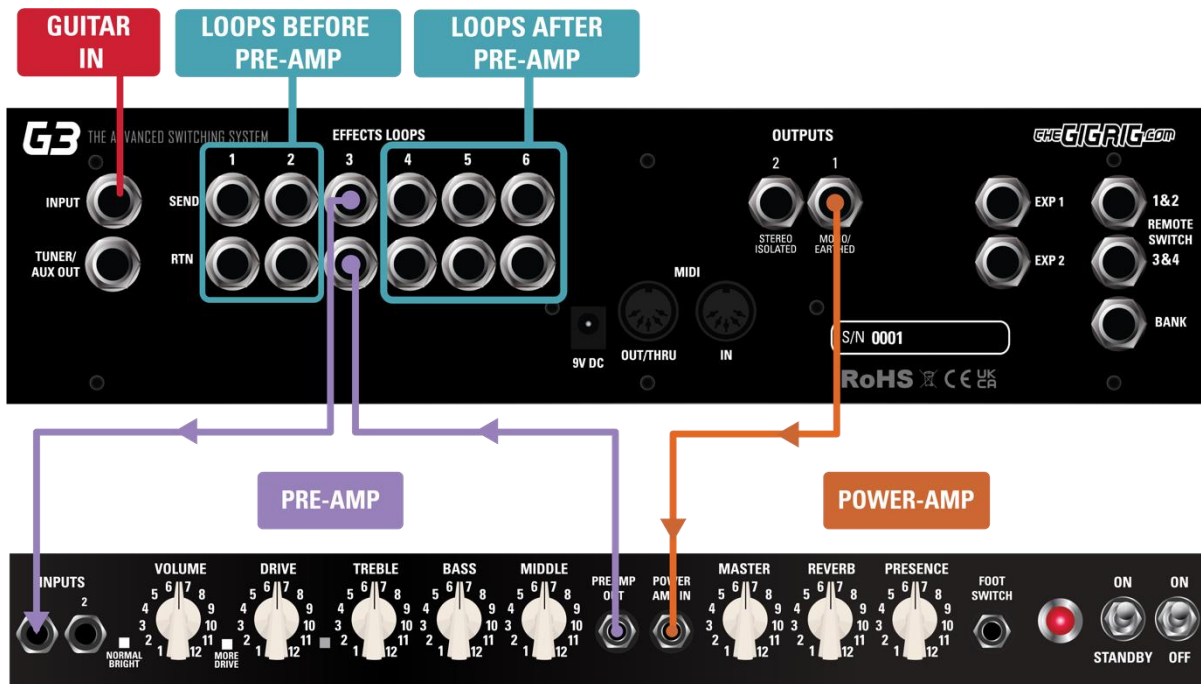a. First select a G3 Atom loop to connect with your amps FX loop. In the diagram above, loops 1-2 are placed before the pre-amp, loop 3 contains the preamp and loops 4-6 are placed inside the FX loop (note - any loop can be selected).

b. Connect the SEND from the chosen G3 Atom effects loop to the input of the amplifier. The connections needed to achieve this are:

c. G3 Atom Loop 3 SEND to AMP INPUT

d. AMP FX Loop SEND to G3 Atom Loop 3 RETURN

e. G3 Atom Output 1 to AMP FX Loop RETURN

f. As the amps' preamp is contained within Loop 3, this needs to be engaged on all presets

4. BASIC PROGRAMMING

Most of the programming in the G3 Atom is done via the top panel.
Everything is laid out in a simple, logical order to keep the experience as intuitive as possible.

4.1 PRE-SET PROGRAMMING

Presets are at the heart of the Atom's functionality. Whether you are controlling MIDI or adding Stompbox Mode, it all happens within a preset.
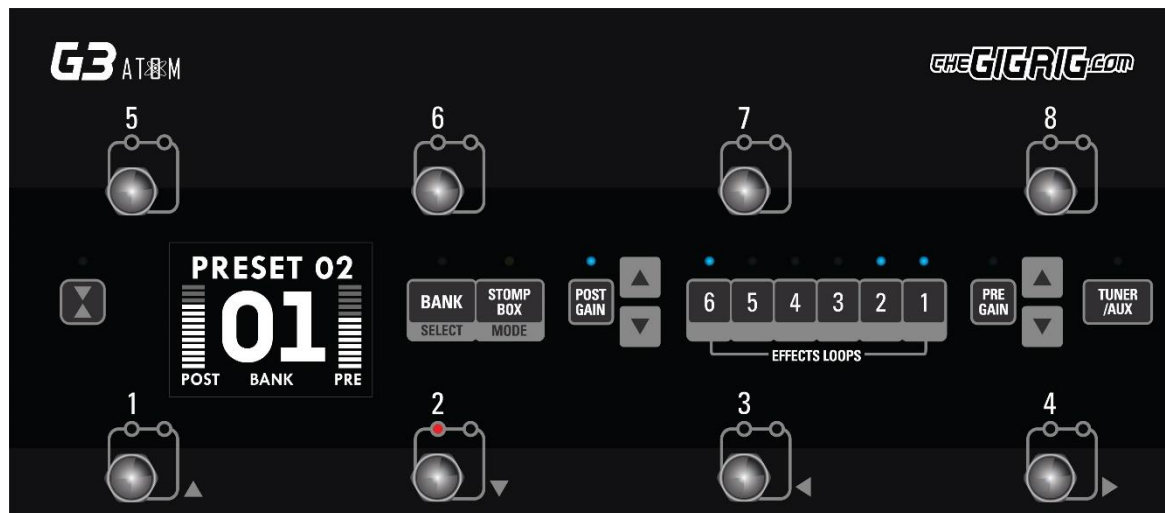
a. Select the preset that you want to programme using the footswitches on the G3 Atom.

b. Add loops and functions to that preset using the corresponding push buttons along the centre of the G3 Atom (ie: TUNER/AUX, FX loops 1-6). Your preset is now stored.

c. Repeat for each footswitch, as necessary.

d. You can now switch between your programmed presets.

There are 8 standard pre-sets plus up to 8 hidden presets in each of G3 Atom's 99 banks.

4.2 STOMP BOX MODE

STOMPBOX MODE allows you to add any function or loop(s) on top of a G3 Atom preset.

(In DEEP EDIT mode you can choose between 3 different types of STOMPBOX MODE – STANDARD, STICKY and FLASH.

To programme a STOMPBOX MODE enabled preset:

a. Select the preset that you want to programme using the footswitches on G3 Atom.
b. Add the loops/functions you wish to add to this preset. These loops/functions will be disengaged when the footswitch is pressed a second time. NOTE - this means if both Outputs are included in that Stompbox Mode preset, pressing this footswitch a second time will result in no sound, so it's important to **ONLY** include the loops and functions you want to add/subtract on top of a standard preset.
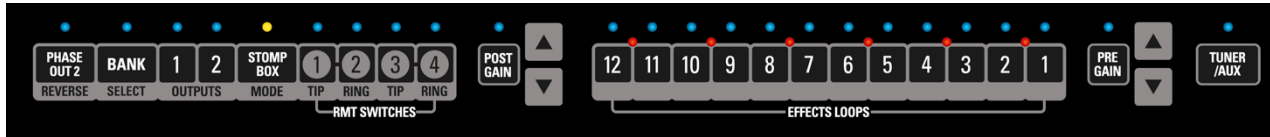
c. Then press the Stompbox Mode button. A yellow LED above the preset indicates it is now in Stompbox Mode.

d. d.Now try adding your Stompbox Mode preset to a standard preset.

As a Stompbox Mode preset is engaged ON TOP of a normal preset, the enabled preset cannot be edited whilst in Stompbox Mode.

To edit a Stompbox enabled preset:

a. Press the Stompbox enabled footswitch then press Stompbox Mode (yellow LED next to the footswitch will turn off)

b. Then press the footswitch a second time so it is the only one selected, then you can programme the preset as normal.

You can create as many Stompbox Mode presets as you like.

There are 3 Stompbox modes in the G3 Atom; Standard, Sticky and Flash.

Standard is the default setting, to select either of the other two modes you will need to enter the DEEP EDIT MENU, scroll down to STOMPBOX, and select the stompbox mode you want BEFORE you create your stompbox mode preset. A normal preset will clear any standard Stompbox mode presets.

Sticky Stomp – Once you turn on a Sticky Stomp preset, it will NOT be cleared by pressing a normal preset the same way a standard STOMPBOX mode preset does. It will stay active until you turn it off by pressing the footswitch. For example, if you have an effect that you like to have on most of the time such as reverb, but like the option to be able to turn it off, set the reverb pedal up on a sticky stomp foot switch and it will stay on until you decide to turn it off.

Flash Stomp - This sets up your Stompbox Mode in momentary mode so that the Stompbox preset will only be on while you have got your foot pressed down on the foot switch. Imagine you have got a delay set on the edge of self-oscillation and you just want to be able to kick it on every now and then, Flash function is perfect for that.

4.3 CHANGING BANKS

You can access G3 Atom's 99 Banks in one of three ways:

1. The 'Bank Select' push button on the top panel. Pressing it once will scroll up the Banks and pressing and holding will scroll down the Banks. (Please note that whichever preset you are on you will stay on until you have selected a new preset in your newly chosen bank).

2. Back Panel Bank Remote - connect the GigRig Bank Manager or any momentary switch to the back panel bank socket to access the Atom's banks (this needs to be activated in the Deep Edit Menu under Global Settings). Again, press the Bank switch once to go up, press and hold to go down.

3. Footswitch Assign - assign your bank control to a G3 Atom footswitch. In the Deep Edit Menu in Global Settings, you have the option to assign the Bank Select switch to a G3 Atom footswitch. Once done, simply tap the footswitch to go up a Bank or press and hold to go down a Bank.

Remember, the 99 banks are accessed through a single footswitch.

Press and release – The bank numbers go up.

Press and hold – The bank numbers go down.

5. DEEP EDIT

5.1 INTRO TO THE DEEP EDIT FUNCTIONS

To the left-hand side of the LCD screen you will see the Deep Edit push button.

This button gives you access to the Atom's Deep Edit Menu.

Except for the Global Settings, the Deep Edit functions are associated with each preset. We must first choose the preset we want to edit.

5.2 NAVIGATING DEEP EDIT

Next to footswitches 1,2,3 and 4 you will see these symbols - ▲ ▼ ◀ ▶

You will use these footswitches to navigate around the Deep Edit menu.

On pressing the [⧗] button, the LCD screen will display the following:

Use the ▼ button (footswitch 2) to access more of the Deep Edit menu, Including the following sub-menus:

1. **ATOM STUFF** – OUTPUTS, REMOTE SWITCHES and OUT 2 PHASE
2. **NAME** - This is where we edit the name of the preset
3. **MIDI** - This is where we edit of the G3's powerful MIDI functionality
4. **EXPRESSION** - Assign your Expression Pedal parameters here
5. **LOOP ORDER** - Change the order of your effect's loops
6. **STOMPBOX** – Determine if Stompbox mode on this preset is Standard, Sticky, or Flash
7. **TRAILS** - Set up your effects Trails/Spill-over
8. **PARALLEL** - This is the key to parallel or Wet/Dry effect combinations
9. **TAP TEMPO** - Using a combination of remote switches and MIDI CC messages to enable Tap Tempo
10. **COPY/RESET** – use this to copy, paste or reset presets
11. **HIDDEN PRESET** - Each preset in G3 has a separate fully programable hidden preset

5.2.1 ATOM STUFF

5.2.2 NAME - NAMING PRESETS

To edit the preset name, press ▶ and you will see the flashing cursor on the selected letter.

Bank 01 Prst 03

Preset 03

Move the cursor across using ▶ button and scroll up and

down through the character set using ▲ ▼

Once you are done, either use ◀ to get back to

the main menu or press ✕ to exit.

5.2.3 MIDI

Scroll down the Deep Edit menu to MIDI and then scroll right to enter the MIDI menu.

Bank 01 Prst 03
◀ **midi out** ▶
◀ **midi map in** ▶
◀ **midi copy** ▶

The G3 Atom's MIDI capability allows you to send up to 15 individual MIDI messages on each preset. These can be PC (Program Change), CC (Control Change) or EXP (Expression Pedal) MIDI messages.

The G3 Atom also has a MIDI Clock and a separate MIDI Tap Tempo feature.

Bank 01 Prst 03
◀ **1 off** ▶
◀ **2 off** ▶
◀ **3 off** ▶
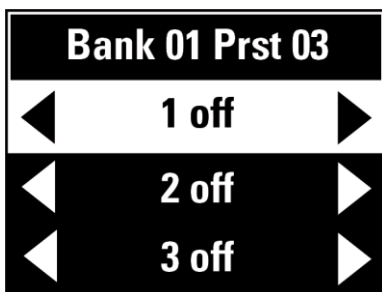
MIDI Menu screen – to edit, scroll down ▼ to each of the 15 available MIDI messages.

Bank 01 Prst 03
midi 1/15
▲ ▲ ▲
| on | 01 | PC |
▼ ▼ ▼
channel type
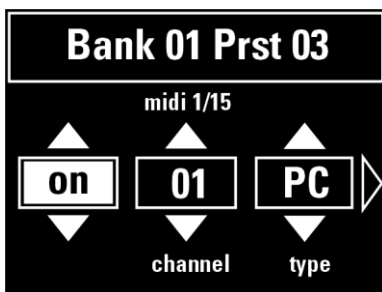
Scroll right ▶ to edit the selected MIDI command.

Scroll right again to select between **PC** (Programme Change), **CC** (Control Change) or EXP (Expression pedal).

Scroll right again to select the Value (if CC is selected, scroll right again to select the CC number).

Choose the MIDI command that you want to send - in this example we will choose **PC -** then scroll to the right to choose the MESSAGE number or channel VALUE number etc.

For example, if you want to programme channel 7 and would like Preset Number 1 on the Atom to send MIDI programme 7 on MIDI channel 3, you will need to:

a. Select a MIDI command (1-15).

b. Edit MIDI Channel (in this instance, to MIDI channel 3).

c. Set Type to PC.

d. Set Value to 7.

e. Press DEEP EDIT. Push button 3 to exit.
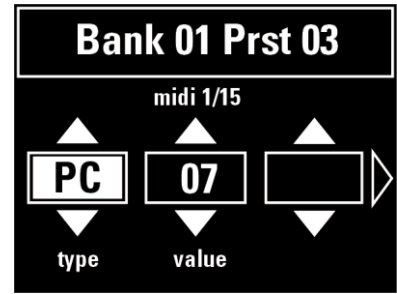
You can repeat this process up to 15 separate times per individual preset.

To Set Up Control Change (Cc) Messages.
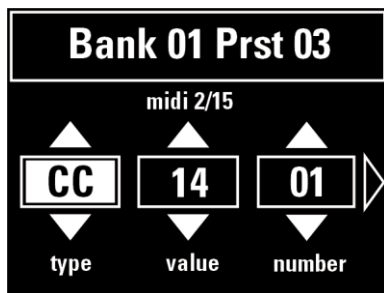
a. Select a MIDI command (in this example, MIDI command 2 is selected)

b. b. Scroll right to set Type to 'CC'

c. c. Scroll right again to set VALUE and NUMBER.

EXPRESSION PEDAL MIDI

This is the same procedure as the above,

Select Expression Pedal from the MIDI Type list.

Choose the CHANNEL number and the CONTROL number.

Scroll right and choose the HEEL down position number and the TOE down position number.
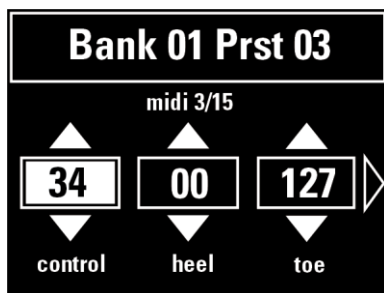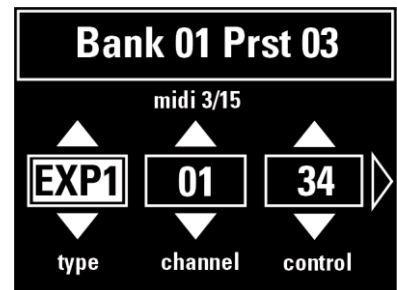
There are two expression pedal inputs in the G3 Atom, so you have the choice of which expression pedal you want to use, to send your EXP commands.

MIDI CLOCK

The G3 Atom's MIDI CLOCK enables you to send a MIDI clock message that can sync all your clock input enabled time-based effects. You can send this message out on individual MIDI channels or you can send this out on Omni which is all MIDI channels simultaneously.
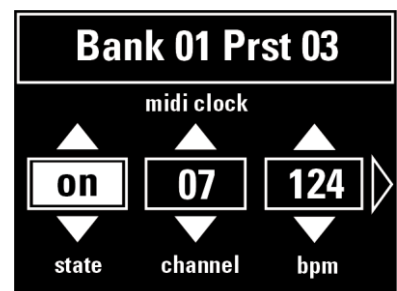
5.2.4 EXPRESSION – EXPRESSION PEDAL PRE/POST GAIN

You also have the option to set up the Expression Pedals to control the PRE and POST GAIN in the Atom - for example, as a volume control, using the PRE GAIN to control the levels going into your effects or using the POST GAIN as a master volume control.

Bank 01 Prst 03

expression pedal

▲ ▲ ▲
| PRE | 00 | 100 |
▼ ▼ ▼

type   heel   toe

a. Select EXPRESSION from the Main Menu

b. Scroll to select either PRE GAIN or POST GAIN

c. Select your Heel and Toe values

Your expression pedal will now control Pre and/or Post Gain levels.

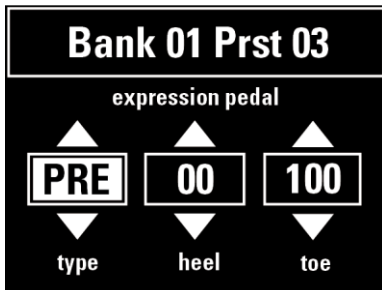**Remember you must have your Pre or Post Gain selected on this preset to be able to control the levels with your Expression Pedal.**

5.2.5 LOOP ORDER

With the G3 Atom, you can reorder your effects loops in any way you like:

Bank 01 Prst 03

◄ loop order ►
◄ stompbox ►
◄ trails ►

a. Go to LOOP ORDER on the Deep Edit menu.

b. Scroll right and you will see Loops 1-6 which correspond to your effects loops. As the Atom's loop's feature TRS connections, you can arrange each side of each loop independently (INSERT DIAGRAM)

c. Use the EFFECTS LOOPS push buttons along the centre panel of the Atom to order the loops, as desired.

Bank 01 Prst 03

loop order

5 2 6
3 1 4
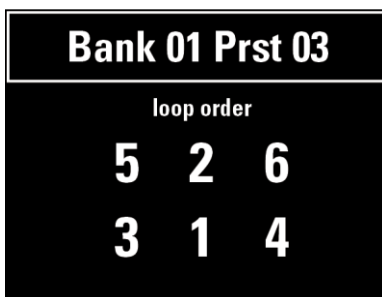
The numbers will change positions to reflect the order chosen.

Bank 01 Prst 03

loop order

1 2 3
4 5 6

5.2.6 STOMPBOX – See Section 4.2

5.2.7 TRAILS

Bank 01 Prst 03
◄ **trails control** ►
◄ **trails loop** ►

Bank 01 Prst 03
loop 6 trails in
loop 5 trails out
loop 4 trails out

To activate TRAILS on a preset:

a. Select the preset you want your Reverb and Delay Trails to spill-over onto.

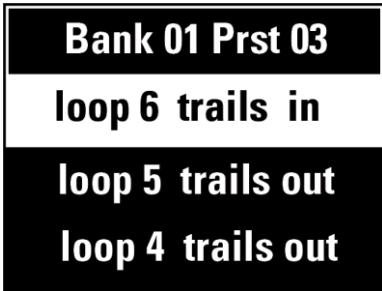b. Go to TRAILS in the menu.

c. Scroll right and turn on TRAILS for the preset.

d. Select the loop(s) that contain Delay and/or Reverb, to enable the spill-over function for these pedals.

Remember, you set up Trails on the preset you are going to, not the preset that you have come from.

5.2.8 PARALLEL

The G3 Atom's PARALLEL FUNCTION enables you to split your signal path in two, meaning you can set up effects in Parallel, Wet Dry, and even send different effects to different amplifiers.
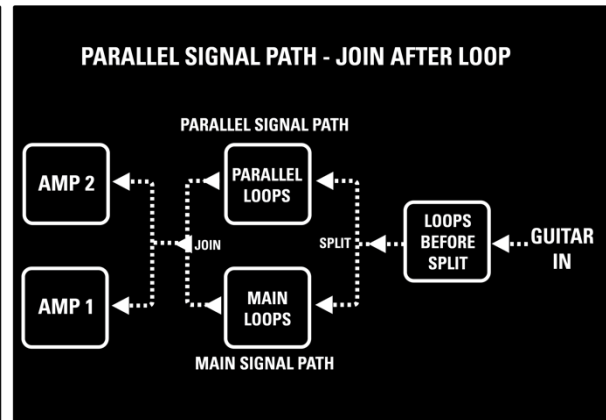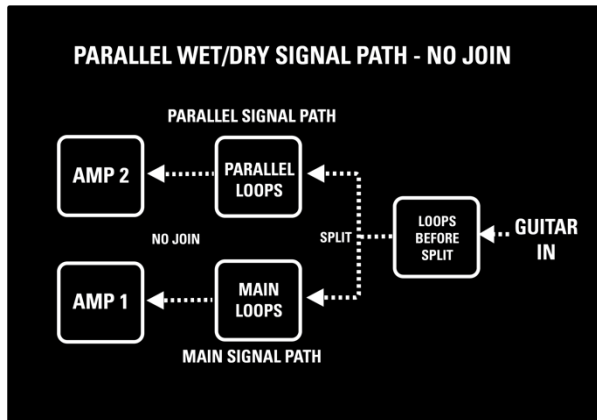
The G3 Atom allows you to flip the phase of the parallel signal chain. This is important for resolving phase cancellation between the two signal paths. If the effect is out of phase you will hear a cancellation/reduction of frequency/volume. An example of this would be setting up a parallel signal path with no effects selected and then flipping the phase in G3. You would hear a complete cancellation of your guitar signal.
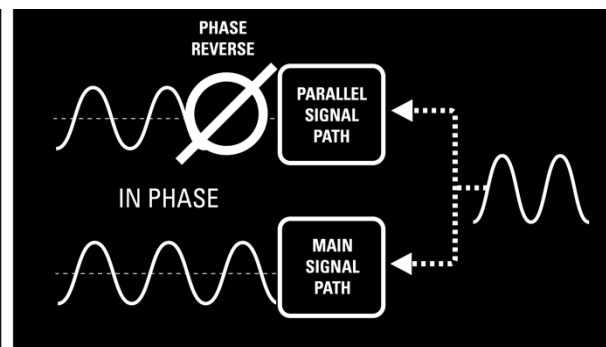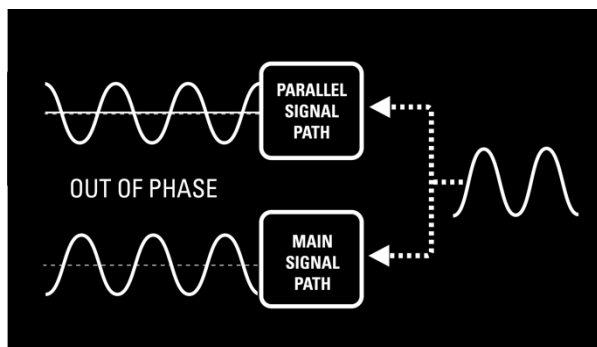
SETTING UP PARALLEL

a. In the Deep Edit Menu, scroll down to PARALLEL.

b. Scroll right to turn on PARALLEL ENABLE.

c. Use PARALLEL START to select where the signal path splits (i.e.before Loop 1).

d. Use PARALLEL END to select where parallel signal rejoins.

e. If no join is selected the parallel signal path will be sent to OUTPUT 2.

f. Next, you need to select the loops you want to add to your Parallel Signal Path using the PARALLEL LOOPS option.

g. Use PHASE SETTINGS to resolve any phase cancellation.
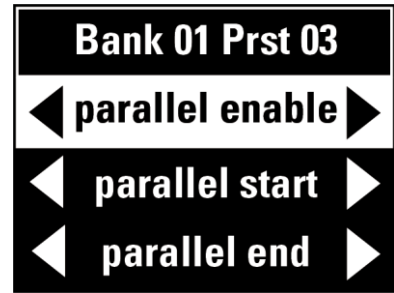
EXAMPLE 1 - PUTTING AN OVERDRIVE AND DISTORTION IN PARALLEL
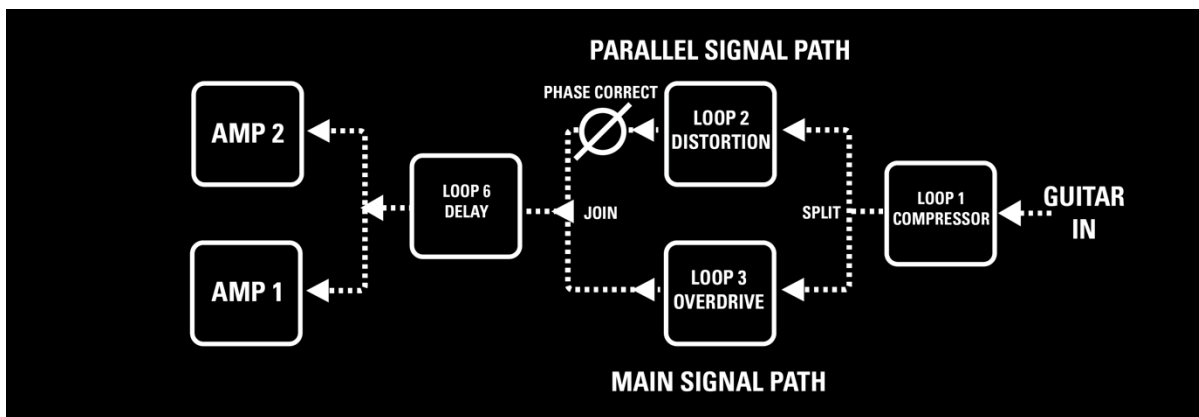
Here's how you would set up this signal path:

a. Enter Deep Edit Menu and scroll down to Parallel.

b. Select Parallel Enable then Parallel Start and set to after Loop 1.

c. Now select Parallel End, then select before Loop 6.

d. Select Parallel Loops then engage Loop 2.

e. Now use the Phase setting to correct any phase cancellation issue between loop 2 and loop 3.

PARALLEL/WET SIGNAL PATH
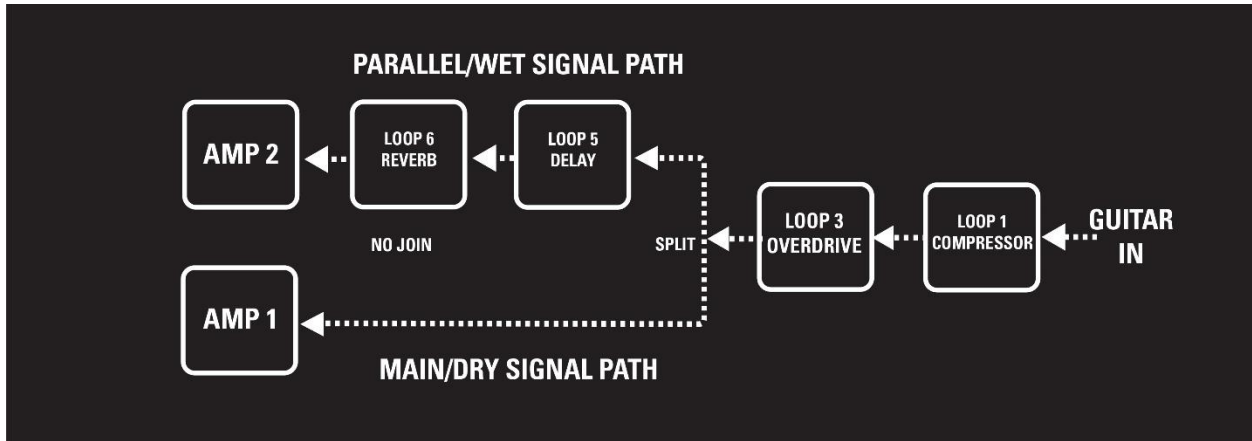
EXAMPLE 2 - WET / DRY

The concept of a Wet/Dry setup is to send your Gain/Tone shaping effects (which form the dry signal chain) to one amplifier and sending the whole signal chain including Modulation, Delay and Reverb effects (forming the wet signal chain) to a second amplifier.

To set up this Wet Dry signal path:

    a. Scroll down to Parallel and select Parallel Enable.

    b. Select Parallel Start and select after Loop 3.

    c. Select Parallel End and Select NO JOIN.

    d. Select parallel Loops and select Loops 5 & 6.

EXAMPLE 3 - PARALLEL WITH STEREO

PARALLEL WITH STEREO SIGNAL PATH - NO JOIN
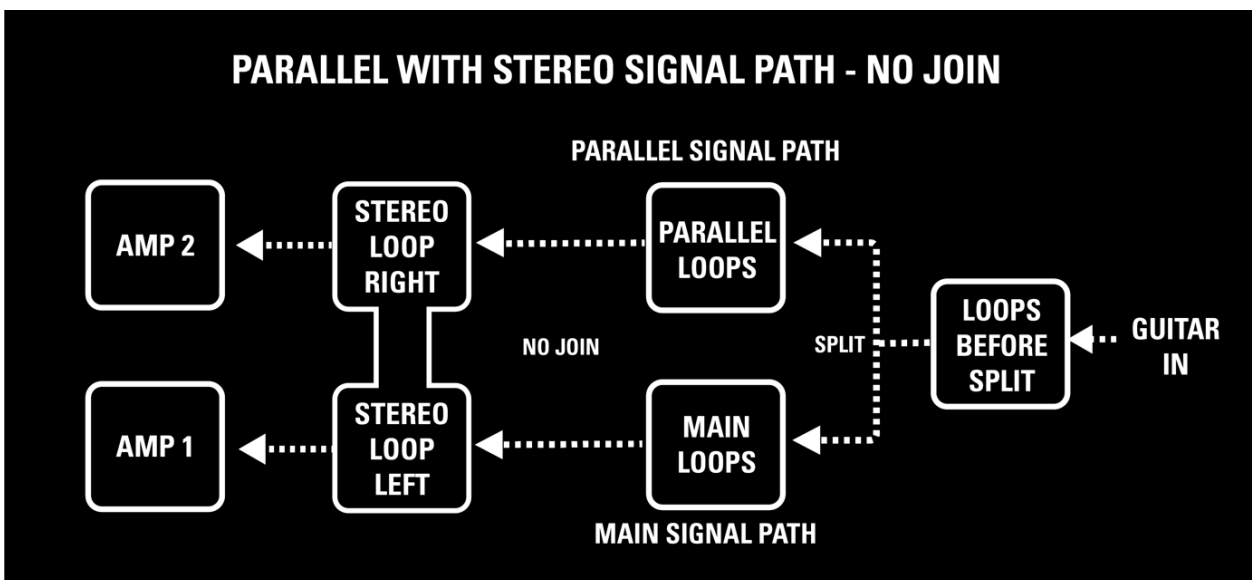
This is basically the same as your Wet/ Dry rig, where you do not have a join after you split the signal. Any stereo effects that you add from this will be added into the signal path, keeping the signal path separate. It's important that the effect be true stereo with LEFT and RIGHT inputs.

5.2.9 TAP TEMPO

Bank 01 Prst 03

tap tempo ▶
copy/reset ▶
hidden preset ▶

If you have a pedal with Tap Tempo functionality, you can control this via a footswitch (effectively, the footswitch can be used as a Tap Tempo). You can also set up your Tap Tempo on its own preset, so you have a master Tap Tempo footswitch. To set up:

a. Navigate to Tap Tempo on the Main Menu.

b. Select the type of Tap Tempo; CC, RMT1, RMT2, RMT3 or RMT4.

Bank 01 Prst 03

tap tempo 1/3

CC 01 34

type channel control

If you choose CC, enter the MIDI information of the pedal you want to control. Channel number, Control number and Value.

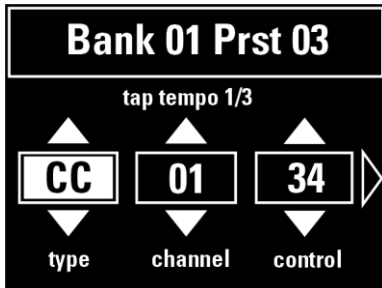If one of the Remote Switches is selected, it will send a pulse from the Remote Switch as you tap.

You can send up to 3 different Tap Tempo commands per preset. PLEASE NOTE, if you choose CC for Tap Tempo this will happen alongside any other MIDI commands sent at the same time from the MIDI menu. The difference here is that your Tap Tempo information is sent every time you press the preset, whereas the MIDI information from the preset is sent with the FIRST PRESS ONLY.

5.2.10 COPY / RESET

5.2.11 HIDDEN PRESET

How it works:

The G3 Atom enables you to have a secondary preset for every standard preset. In order to use this feature, it must be tuned on in GLOBAL SETUP.

HIDDEN PRESET

H PRESET 12

01

POST BANK PRE

a. Go back to the Deep Edit Menu and scroll down to the HIDDEN PRESET option.

b. Scroll right to turn on HIDDEN PRESET.

The normal presets in the G3 Atom are numbered 1 to 8 and the hidden presets are numbered 9 to 16, giving you up to 16 presets per bank. Once you have turned the Hidden Preset on, press the preset a second time to go to the hidden preset. This will be indicated by an H in the upper left-hand side of G3 Atoms' screen.

6. GLOBAL SETUP

GLOBAL SETUP is our utilities menu. The Global Setup submenu is, as it sounds, a global parameter menu and will be the same for all presets. Here you can edit the following settings:

NUMBER OF BANKS – the G3 Atom has up to 99 banks but if you don't use that many, you can limit the number of banks you use here.

BANK EXT SWITCH - This turns on the bank external switch located on the back panel of the G3 Atom, allowing you to use any momentary switch as your Bank Select.

BANK PRESET – The G3 Atom gives you the option of selecting a preset footswitch to use as your Bank Select button. You can select any of the footswitches or you can use the external bank select located on the rear panel of the G3 Atom.

BLUETOOTH - Here you can turn on the G3 Atoms' Bluetooth, enabling it to link to your iOS device to use with your G3 app. If you turn on Bluetooth and it does not receive any information from your iOS device, it will turn off after 2 minutes to ensure no unwanted connectivity.

UPDATE in conjunction with the G3 iOS app - Update enables you to update to the latest G3 Atom software.

HIDDEN PRESET - This is a master Hidden Preset button. If you turn this off it will disable all your hidden presets. This feature must be turned on to use hidden presets.

GLOBAL PHASE - Global Phase sets up the polarity of the phase on Output 2. This is specifically to avoid problems when adding an in-phase pedal in STOMPBOX Mode to an out of phase signal.

BACKLIGHT – the G3 Atoms' back-lit, High Res, TFT, LCD screen has 4 levels of brightness to choose from.

BANK RESET - Here you can restore an entire bank of presets back to factory settings.

FACTORY RESET –This will wipe everything in your G3 Atom and restore factory settings. Please note, there is no way to recover your old settings unless you have backed up using the G3 Atom app.

VERSION - Here you can see your software version number and your G3 Atom serial number. This makes it easy to check that you have the latest version of software installed in your G3 Atom.

7. THE G3 APP AND BLUETOOTH

The G3 Atom is equipped with BLUETOOTH to enable you to connect to our G3 Atom app via an iOS device. The app includes features such as BACKUP, RESTORE, SONGLIST and SOFTWARE UPDATE.

SOFTWARE UPDATE

a. Download and install the G3 App on to your iOS device via the APP Store.

b. On the G3 Atom, Go into the Atom's GLOBAL SETUP in the Deep Edit Menu and navigate to BLUETOOTH. This will turn on the Atom's BLUETOOTH and now will be searchable by the G3 Atom APP.

c. Under BLUETOOTH, navigate to UPDATE.

d. You'll see a QR code and instructions on G3's LCD screen. Hold your camera over the QR code and it will launch Safari and ask if you want to download. Hit YES.

e. When the download is complete, press the DOWNLOAD button on the top right of your iOS screen. This navigates to the file download page.

f. Now press the top file which will be the file you have just downloaded. This will launch the G3 Atom app.

g. In the G3 Atom app, press CONNECT.

h. Choose G3 Atom from the list of available devices.

i. When it says CONNECTED, click on the DISMISS button on the bottom right-hand side of the screen.

j. This will take you back to the main menu. Press UPDATE, which will take you the UPDATE page on the G3 Atom app.

k. Press TRANSMIT. The file will start to download. You'll see the packet number rise on the G3 Atom screen as the file is transferred.

l. Once finished, the G3 Atom screen will display – FILE COMPLETE, PRESS 4 TO LOAD. Now press 4.

m. When complete, cycle power by unplugging and re-plugging the power in the back of the G3 Atom.

n. DONE!
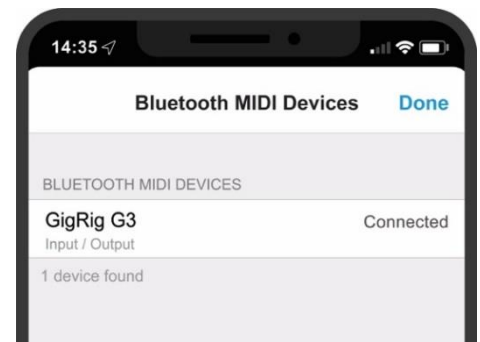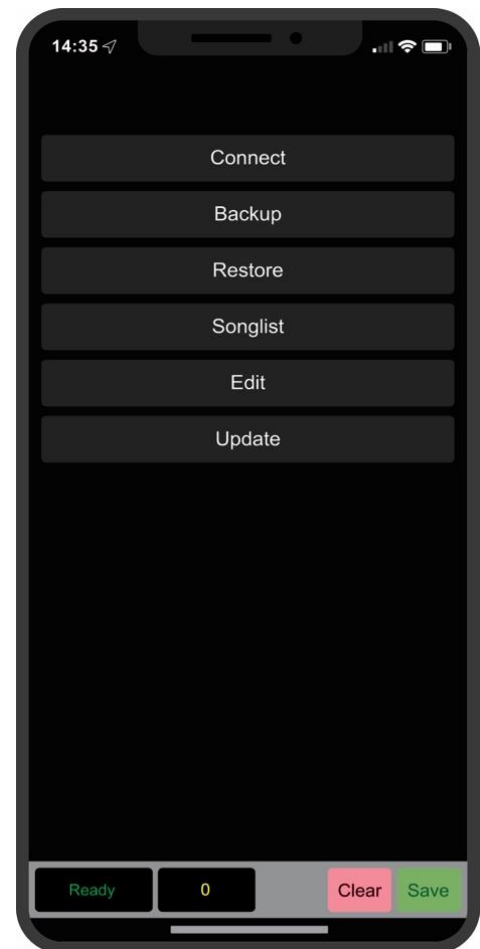
PLEASE NOTE – If you do not connect to the G3 Atom's BLUETOOTH within 2 minutes the BLUETOOTH in the Atom will automatically turn off. If the screen on your iOS device goes to sleep during the process, simply tap the screen and the download will continue. It's important that you do not remove the power from your G3 Atom until your asked to. To explore the other app features, please refer to the app manual.

8. TECH SPECS

Physical size: 29cm x 13cm x 7.8cm / 11.4" x 5.1" x 3.07"

Screen size: Approximately 5 x 3.8cm / 1.96"x 1.5"

Weight: 1.65kgs / 3.64lbs

Power Requirements: 9V DC (2.1mm centre neg) @ 650mA.We recommend the use of The GigRig Generator power supply supplied with The G3 Switching System. (Strymon Zuma, True Tone 1-Spot and Voodoo Labs Pedal Power 2 have been tested to power G3 sufficiently).

Input impedance 3.3M Ohm

Out 1 - Signal path with input and output amps OFF – True Bypass

Out 1 is earthed and must always be connected to ground.

Out 2 - Signal path with input and output amps OFF – Buffered and Isolated

Out 2 is transformer isolated and phase reversible.

Input signal handling Maximum = 16.5V dBV peak to peak in true bypass.

Signal Bandwidth = 4Hz to 150KHz

Pre Gain/Buffer and Post Gain Stereo VCA Output Amplifier/Buffer

Minimum gain -30dBu

Maximum Gain +8dBu

Bandwidth at 1V = 4Hz to 150KHz.

Buffer output impedance 1K Ohms

Noise. 4.7nV per root Hz

This specification is subject to change without notice. Consult our Web site for amendments.

www.thegigrig.com

9. WARRANTY

The GigRig warrants the product to be free from defects in material and workmanship for a period of 2 years from the original date of purchase.

If the product fails within the warranty period, The GigRig will repair or, at our discretion, replace the product and cover the cost of return shipping to the original purchaser. This warranty covers defects in manufacturing discovered while using this product as recommended by The GigRig. This warranty does not cover loss or theft, nor does the coverage extend to damage caused by misuse, abuse, unauthorized modification, improper storage, lightning, or natural disasters.

Damage caused by any of the above circumstances may result in a non-warranty repair fee. Legal: In the case of malfunction, the purchaser's sole recourse shall be repair or replacement, as described in the preceding paragraphs. The GigRig will not be held liable to any party for damages that result from the failure of this product. Damages excluded include, but are not limited to, the following: lost profits, lost savings, damage to other equipment, and incidental or consequential damages arising from the use, or inability to use this product.

In no event will The GigRig be liable for more than the amount of the purchase price, not to exceed the current retail price of the product. The GigRig disclaims any other warranties, express or implied. By using the product, the user accepts all terms herein.

Disposal: TheGigRig contains no batteries or Lead. Return the unit to TheGigRig Ltd for disposal or use standard disposal for electrical equipment recommended in your country. Do not dispose of electrical equipment in household waste!

TheGigRig is protected by copyright, moral rights, patent and design registration.

Patent Granted GB2405987
USA Patent Pending US10/937,997 Design Registration # 3014412

'GigRig' is a stylized trademark. No 2343300
Any individual or company found copying the functionality, look or feel, circuits, circuit function or software functions for commercial gain will be liable for legal action. Licenses may be granted to non-competing companies.

The GigRig and its Power supply are RoHs compliant.
Tested and compliant to EN 60950 safety standard.
The power supply is approved to all USA and European
Regulations including UL. See separate instructions supplied with the power supply