ATOM & ATOMS

THE ADVANCED SWITCHING SYSTEM

USER MANUAL

TheGigRig Ltd Atom & AtomS Manual, December 2024

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10. INTRODUCTION

On behalf of myself and my team, thank you for buying Atom/S. When we launched Atom/S in 2020 we introduced the world to a new level of control over effects pedals. We started from scratch and designed Atom/S 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. However, there was one feature that we were continually asked for, a feature I had wanted for the longest time and this is when in 2023 we introduced Atom/S.

Atom S functions the same in every regard as Atom S with the addition of digital scribble strips in the form of OLED screens next to each footswitch. Atom and AtomS are an expression of our passion: we compromised on nothing.

After years of design and testing Atom/S 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

Daniel Steinhardt

11. CONNECTIONS

All of G3 Atom/S connections are made via the back panel.

2.1. INPUT - Connect your guitar here.

2.2. 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.

2.3. EFFECTS LOOPS - There are 6 effects loops in G3 Atom/S. Each has the capacity to be a stereo loop by using a TRS connector, you can also connect them to your amplifier's preamp (four cable method), connect your volume pedal, basically anything that you would use in an effects loop gets connected here. The loops can be re-ordered in any sequence you like and can also be configured in parallel, wet/dry, or sending different effects to different outputs.

2.4. 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, but if you are only using one amp you MUST connect to Output 1.

2.5. REMOTE SWITCHES - This pair of TRS remote switches which are programmable from the Deep Edit Menu of G3 Atom/S, are ideal for changing the channels in your amplifier, controlling tap tempo effects and anything that uses isolated latching or momentary switches.

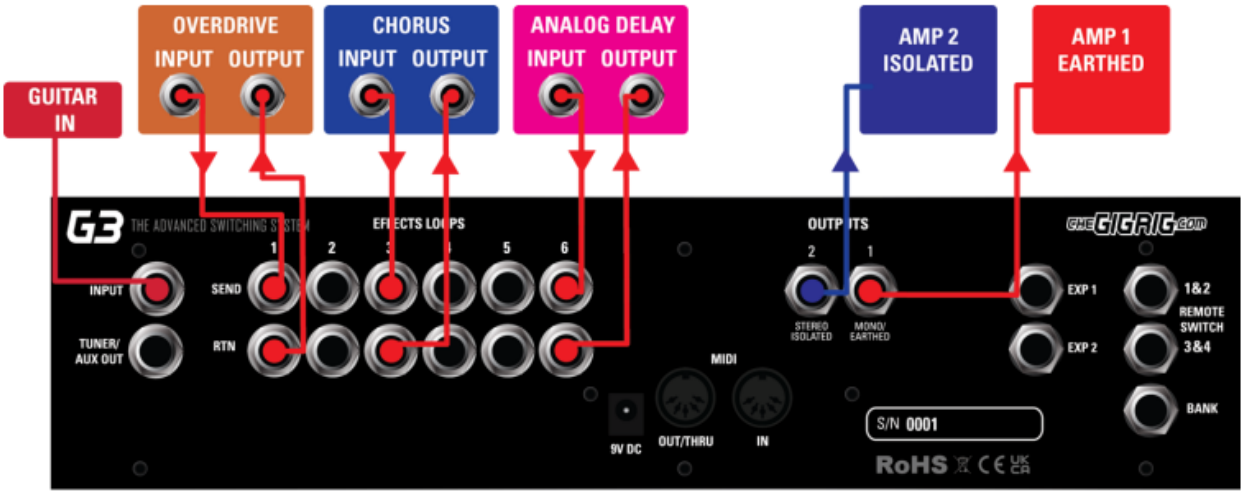
2.6. BANK REMOTE SWITCH - Connect a momentary switch into the BANK input to control your Atom/S banks remotely. BANKING up is as simple as tapping the momentary switch. To BANK down, simply press and hold the footswitch and you will see the bank numbers start to descend. PLEASE NOTE – a latching switch will NOT work here.

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

2.8. POWER - 9V DC - G3 Atom/S uses a standard centre negative a -9 V DC input connection and operates around 650 mA. It is important that your power supply can provide enough current, otherwise Atom/ S will not operate correctly. We recommend using the GigRig Generator Power Supply, which is included with your Atom/ S.

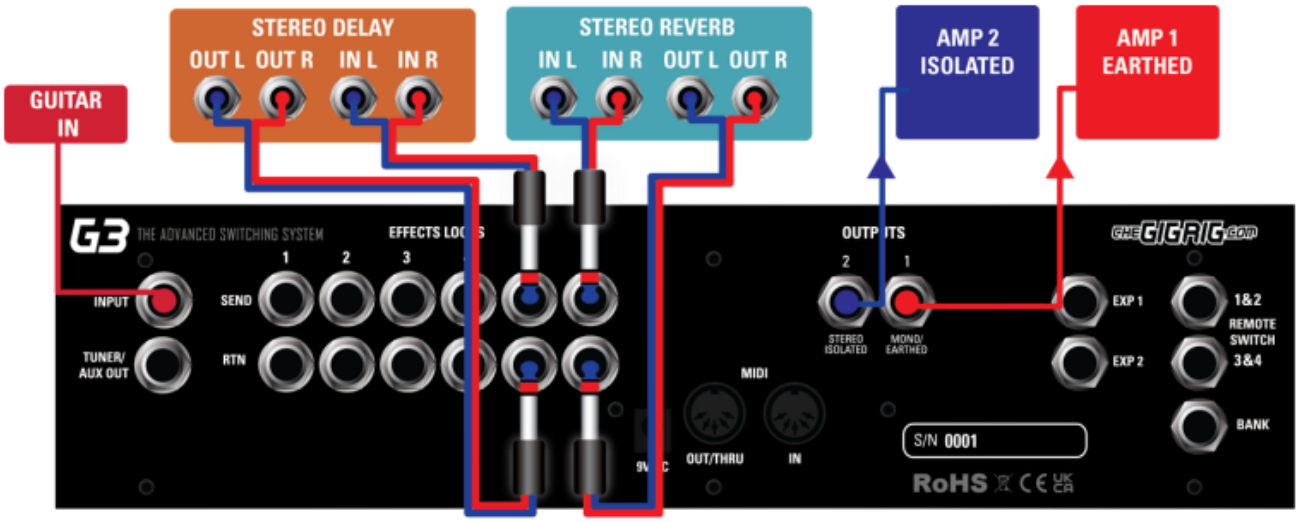
2.9. EXPRESSION PEDALS - EXP1 & EXP2 - G3 Atom/S has two expression pedal ports using a TRS connector for sending MIDI CC info, as well as being able to control the PRE GAIN and POST GAIN levels.

3.1. CONNECTING MONO EFFECTS



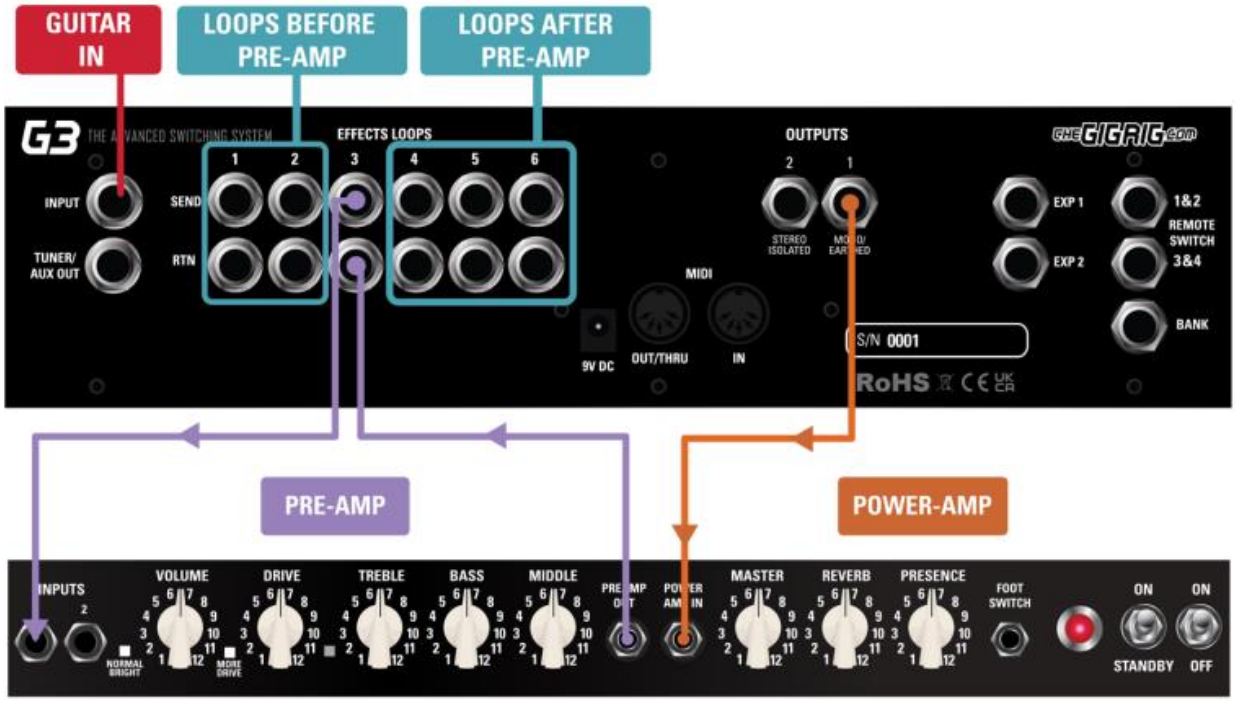
The way we'll mostly be using these effects loops is to connect our pedals. The effects SEND from a G3 Atom loop is connected to the pedal INPUT, then the pedal OUTPUT is connected to the Atom/S effects loop RETURN. So, if you are using a single amp or dual mono setup as per the above diagram you have 12 effects loops that you can use.

3.2 CONNECTING STEREO EFFECTS



To use stereo effects with Atom/S, simply use TRS cables with G3 Atom/S effects loops. Each of Atom/S loops has the capacity to do this so you can literally have up to 6 stereo effects. Once you have connected your stereo effects with a TRS connector, simply go into the menu, then to GLOBAL. Scroll to STEREO SELECT and set those loops to stereo.

3.3 CONNECTING AMPLIFIERS' EFFECTS LOOP



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

The best way I find 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.

- First, workout which G3 Atom/S loop you want to use to connect to your amps' FX LOOP. Any Atom/S effects loops BEFORE the loop you connect to your amplifier will effectively be BEFORE the amps' preamp. Any Atom/S loops AFTER the preamp loop connected to the amp will effectively be in your amplifier's effects loop.

- Connect the SEND from the chosen Atom/S effects loop to the input of the amplifier.

- Connect the EFFECTS SEND from the amplifier to the Atom/S loop RETURN. The preamp is now in that loop of Atom/S.

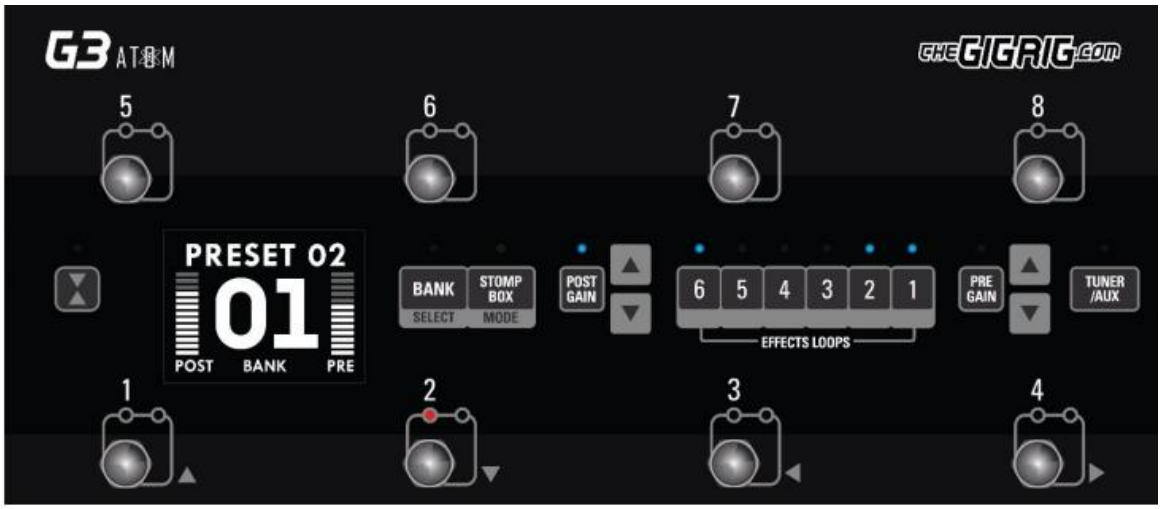
- Connect OUT1 to the effects RETURN.

Now that the amplifiers effects loop is connected to Atom/S, we must turn it on. You'll need to go through every pre-set and turn on your chosen preamp loop. Yes, every single pre-set. If you don't do this your signal from Atom/S will head straight to your amps POWER AMP, bypassing the preamp and it's not going to sound great.

Tip - Copy and paste is very useful for this situation.

4.1 Pre-Set Programming

Pre-sets are at the heart of the Atom/S functionality. Whether you are controlling MIDI or adding Stomp Box mode it all happens within a pre-set.



- Starting with a simple pre-set. Select the pre-set that you want a programme using the footswitches on Atom/S. In the above example we have chosen preset 2

- Having selected the pre-set, all you need to do is turn on the loops and functions you want to associate with that pre-set. We've chosen loops 1,2 & 6, as well as some POST GAIN. This pre-set is now stored -there is no save button. It really is that simple!

- Move to a new pre-set and do the same thing. Simply turn on The loops and Atom/S functions that you want to access with the new pre-set. Now as we switch between those two programmed pre-sets, you will see that from one pre-set to the other the loops and functions automatically turn on and off depending on what you have programmed in each pre-set.

  There are 8 standard pre-sets plus up to 8 hidden presets in each of Atom/S 99 banks.

4.3 Changing Banks

You can access G3 Atom/ S 99 Banks in one of three ways:

Top Panel Bank Select - Through the 'Bank Select' switch on the top panel. Pressing it once will scroll up the Banks and pressing and holding will scroll down the Banks. (Please note that whatever preset you are on you will stay on until you have selected a new preset in your newly chosen bank.)

Back Panel Bank Remote - Use the remote bank switch on the back of Atom/ S. Here you can connect the GigRig Bank Manager or any momentary switch to control access to your Atom/ S banks. Again, press the bank switch once to go up, press and hold to go down

Footswitch Assign - Assign your bank control to a Atom/ S foot switch. In the Deep Edit menu, in global settings, you have the option to assign the bank select switch to a Atom/ S foot switch. once done, simply tap the foot switch to go up a Bank / press and hold to go down the Banks

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.

5.1 Introduction into the Deep Edit Functions

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

This button gives you access to the deeper level of functionality that Atom/S has to offer.

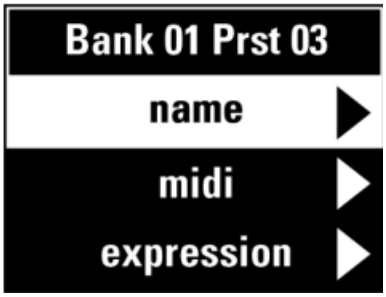
Except for the Global Setup, the Deep Edit functions are associated with each preset, so before we jump into the deep edit functions, we must first choose the preset we want to edit

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 scroll down through 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 Atom/ 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. HIDDEN PRESET - Each preset in Atom/ S has a separate fully programable hidden preset

11. GLOBAL SETTINGS - setup global options including stereo pairs, Bluetooth, MIDI IN, etc

5.3 Naming Presets

With this highlighted in the menu, press ▶ and you will see the cursor.

Move the cursor across using ▶ buttons 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.

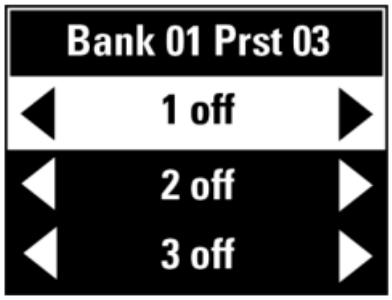
5.4 MIDI

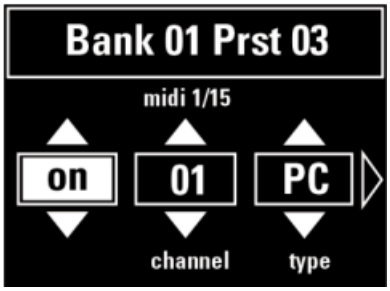
Scroll down the Deep Edit menu to MIDI and then scroll right to enter the MIDI menu.

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).

Atom/S also has a MIDI Clock and a separate MIDI tap tempo feature.

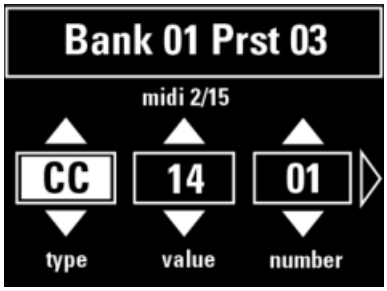
Once on the MIDI menu screen you will be able to scroll down to each of the 15 available midi messages for this preset.





Set up your first PC message:
. Use footswitch 4 to scroll through the options.
. Turn the available MIDI message to on
. Scroll right and select the MIDI channel you want to send it on
. Scroll right and select the type of MIDI message – In this case, a PC message
. Scroll right to select the MIDI programme change number

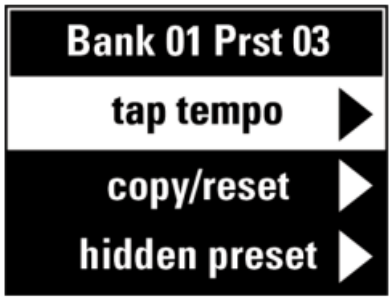
5.5 Set Up Control Change (Cc) Messages



Set up your first CC message:
. Use footswitch 4 to scroll through the options.
. Turn the available MIDI message to on
. Scroll right and select the MIDI channel you want to send it on
. Scroll right and select the type of MIDI message – In this case, a CC message
. Scroll right to select the CC number
. Scroll right again to select the CC number value

5.7 Tap Tempo

The Tap Tempo feature on Atom/ S is designed to be a flexible as possible. If you want to have a preset with Tap Tempo you can use the same preset to tap your tempo information. You can also set up your Tap Tempo on its own preset so you have a master Tap Tempo footswitch.



Navigate to Tap Tempo on the main menu

Choose the type of Tap Tempo you want to use. You have the choice of CC, RMT1, RMT2, RMT3 or RMT4

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

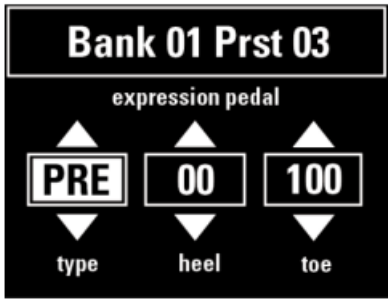
If one of the Remote Switches is selected, it will send a pulse from the Remote Switch as you tap

Atom/ S gives you the ability to send up to 3 different Tap Tempo commands per preset.

PLEASE NOTE If you choose CC for Tap Tempo this will happen alongside any 18 other MIDI commands sent at the same time from the MIDI menu. The difference here is that you Tap Tempo information is sent every time you press the preset, whereas the MIDI information from the preset is sent only with the first press.

5.8 Expression via MIDI

On top of the MIDI functionality that is available with the expression pedals, you also have the option to set up the expression pedals to control the pre and post gain in Atom/ S. A really great way to use the expression pedal is 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.



Select Expression from the main menu, then scroll to select whether you would like to use Pre Gain or Post Gain, select your heel and toe values and your expression pedal will now control pre and 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.

5.9 Loop Order

Being able to arrange the order of your effects has a massive impact on the sound. Are you putting your Delay into your Tremolo? Is your Boost going into your OverDrive or your OverDrive going into your Boost?

With Atom/S you can move any Atom/S effects loop or loops in any order you want, and the process could not be simpler.

Go to loop order on the menu, scroll right and you will see 2 lines of numbers - 1 through to 6 which correspond to your effects loops - Use the EFFECTS LOOPS buttons on the top board off Atom/S to enter the numbers in the order that you want to use them. You will see the numbers start changing positions. It is that simple.

Once you've done that and have exited the deep edit menu you will still need to turn on the effects loops on the preset but they will be in the order that you have determined in the loop order function.

5.10 STOMPBOX

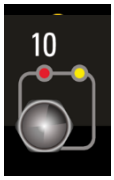
One of our favourite features of G2 was stomp box mode, so we have expanded on this in G3/S to make it even more powerful. Stomp box mode allows you to add a loop or any combination of loops and functions on top of a G3/S preset. For example, Let's say I have a rhythm sound setup and all I want to do is boost that rhythm sound. There's no need for me to create a new pre-set, all I need to do is to create a stomp box mode preset that has a boost in it. That way I can boost any standard preset simply by adding my stop box mode preset. (In DEEP EDIT mode you can choose between 3 different types of Stomp – Standard, Sticky and Flash (check in the deep edit guide for more info).

a. Select the preset that you want to create a stomp box mode preset using the footswitches.

b. Turn on the loop or the function that you want to add to another preset. It is important that you only select the function or loop that you want to add and turn everything else off including the outputs. If your boost is in loop 7 and that is what you want to be able to add in stompbox mode, simply turn on loop 7 and make sure that every other function and loop is turned off.

c. Now press stompbox. You will see a yellow light turn on next to the preset, this indicates that this preset is now in stompbox mode.

d. Go to a normal preset, you will see the yellow light of the stompbox mode preset stays on indicating that this is a stompbox mode preset and is ready to use.



e. Now try adding your stompbox mode preset to your normal preset you will see loop 7 is added to whatever loops you already had programmed in your normal preset.

You can create as many stompbox mode presets as you like. In Standard Stompbox mode, as soon as you go back to a normal preset you clear the stompbox mode presets.

The Stompbox modes are as follows:

'Normal' - Meaning the Stompbox mode enabled footswitch is latching and can be added onto of other stompbox mode enabled footswitches as well as 'regular' (no orange light) footswitches, when you press a regular footswitch any 'normal' stompbox mode enabled footswitches will be bypassed.

Sticky - Same function as normal, except footswitches in the 'sticky' mode will only dis-engage when it's footswitch is pressed a second time (it will remain on regardless of regular or stompbox enabled footswitch presses)

Flash - Makes a Stompbox enabled footswitch momentary

Flip Flop 1 - This mode enables you to A/B between other flip flop enabled stompbox mode footswitches. This means that if for example footswitches 5/6 are setup in the flip flop 1 mode. You could press footswitch 5 to 'add it' (add any functionality) to an existing footswitch. If however you then pressed footswitch 6, this would dis-engage footswitch 5 and engage footswitch 6.
If you then pressed another 'regular' footswitch, FootSwitch 6 would be disengaged.

Flip Flop 2 - Gives you a second group of 'A/B-able' Stompbox mode FootSwitches in the same bank.

Flip Flop 1 Sticky - combines flip flop and sticky meaning, it has the same functionality as the flip flop mode, but doesn't disengage when you press 'regular' footswitches.

Flip Flop 2 Sticky - give you a second group of flip flop sticky stompbox's on the same bank.

5.11 Trails

Because of Atom/S new stereo voltage-controlled amplifiers on the output, we are delighted to be able to offer you true Stereo Trails/Spill-over.

- Select the preset you want your reverb and delay trails to spill-over onto
- Go to trails in the menu scroll right and turn on trails for the preset.
- Select the loop or loops that feature delay and reverb that you would like to spill-over onto on top of my rhythm sound.

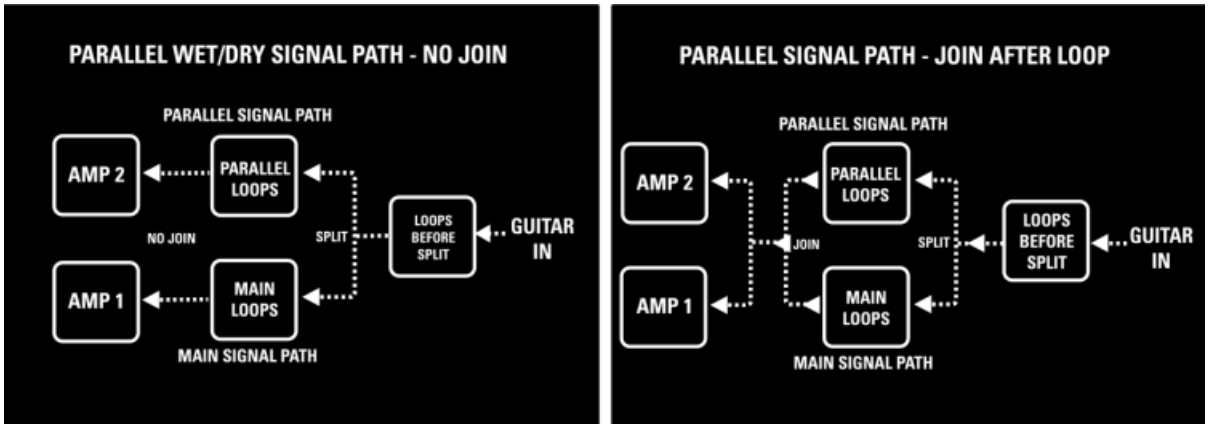
Remember you set up trails on the preset you are going to, not the preset that you have come from. For example, I want my delay and reverb from my solo sound spilling over on top of my rhythm sound so I would set trails up on my rhythm sound.

Once you have done this, anytime you land on this preset from a preset that has delay and reverb that you've selected within the trails mode loops, you will get delay spill-over.

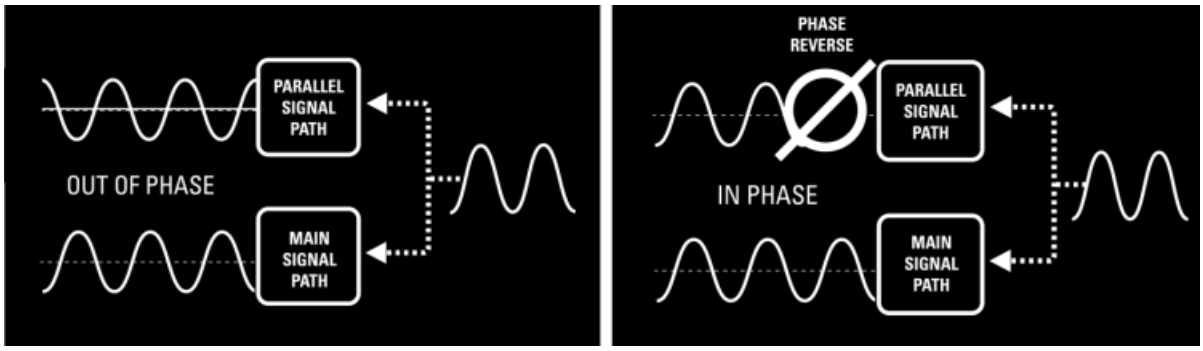
Tip - if you are using a MIDI controlled pedal for your delay, you need to make sure that either your rhythm sound is not changing the delay preset or you have the ability to turn on trails like you do in the Strymon Timeline. Otherwise, when the presets change on the MIDI control device, it will terminate any trails from that sound. The easiest way to achieve this is to turn off any midi messages being sent to your delay from your rhythm/spill-over sound.

5.12 Parallel

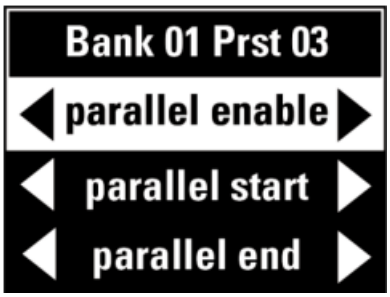
The parallel features in Atom/S is the key to setting up effects in parallel, wet dry, even sending different effects to different amplifiers. The idea behind parallel is simple, it means that at some point in your signal path you split your signal and you send that signal to different effects then either join that signal path again or continue with the split signal being sent to different outputs.



The one thing that we were adamant we would do, before a proper parallel feature, was the ability to flip the phase on the parallel line. This is crucial as you run a high percentage of risk of the effects in the parallel line being out of phase with the effects on the normal line. If the effect is out of phase you will hear a cancellation a frequency. A great example of this is if you set up a parallel signal path with no effects selected and you flip the phase in Atom/S you will hear a complete cancellation of your guitar signal.



5.13 Setting Up Parallel



Go to menu, scroll down to parallel and then scroll to the right to turn on a parallel signal path.

Now we are going to select where we split our signal.

If you want to split the signal at the input simply choose before loop 1, or if you want to split the signal before your Overdrive in loop 3 simply choose before loop 3. We now have two separate signals: our standard signal and our parallel signal.

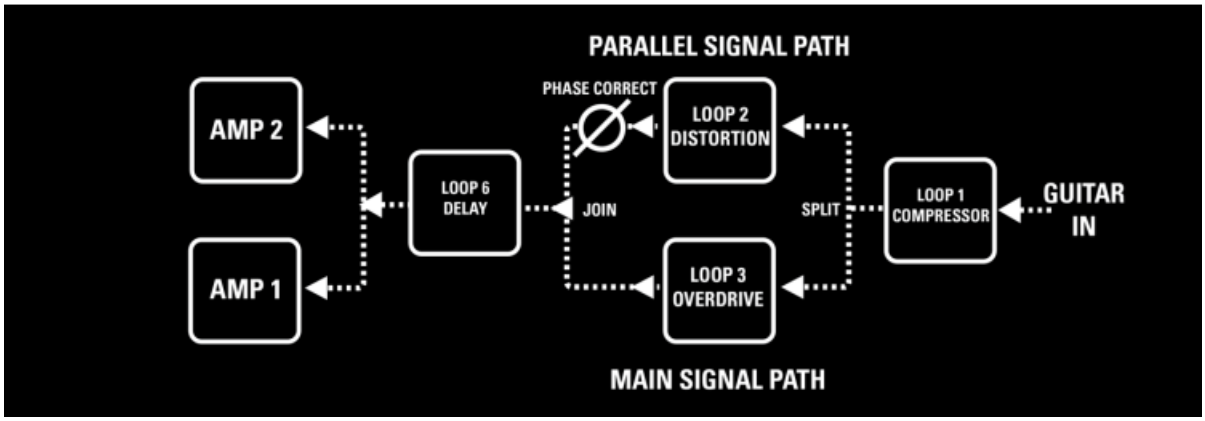
Then choose if you want to re-join the signal or not. If you want to re-join, select the loop that you want to join after. If not, the standard signal will continue along to output 1 and the parallel signal will continue along to output 2.

Next select the loops you want to add to your parallel signal. Remember that you have made a second signal path, so you need to tell Atom/S what affects loops you want to send to your parallel signal path.

Please note that you are assigning loops to your parallel signal path here but you will still need to add them to the preset by pressing/selecting the effects loops on the top panel when you exit deep edit mode.

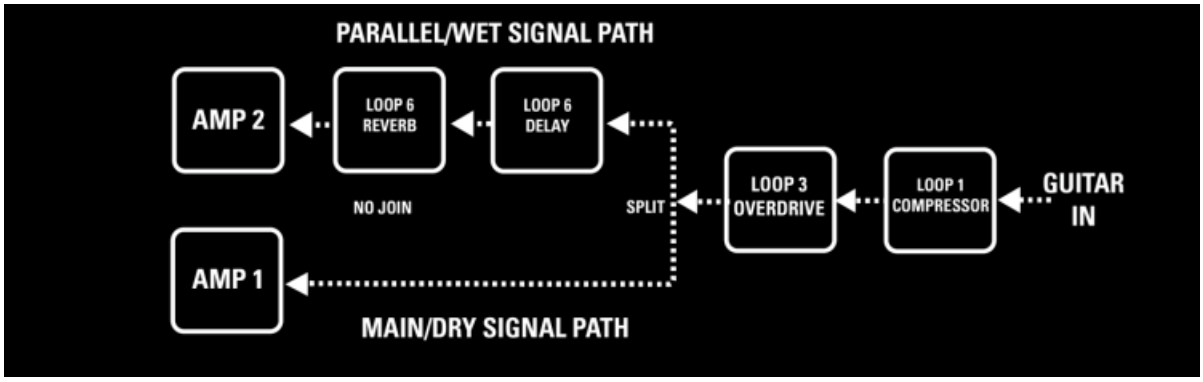
5.14 Examples Of Parallel

EXAMPLE 1 - PUTTING AN OVERDRIVE AND DISTORTION IN PARALLEL



This is a really great way to explore some creative and unique gain tones. It is very different from connecting them in series. Say your OverDrive is in loop 2 and our Distortion is in loop 3. You want to put your Distortion in parallel without Overdrive, so you split before loop 2 and re-join after loop 3. Now try flipping the phase and you will hear in one direction; it will sound full and in the other direction it will sound thin, the 'full' sound means that they are in phase and the frequencies are not cancelling each other out. Generally, this is a more appealing sound.

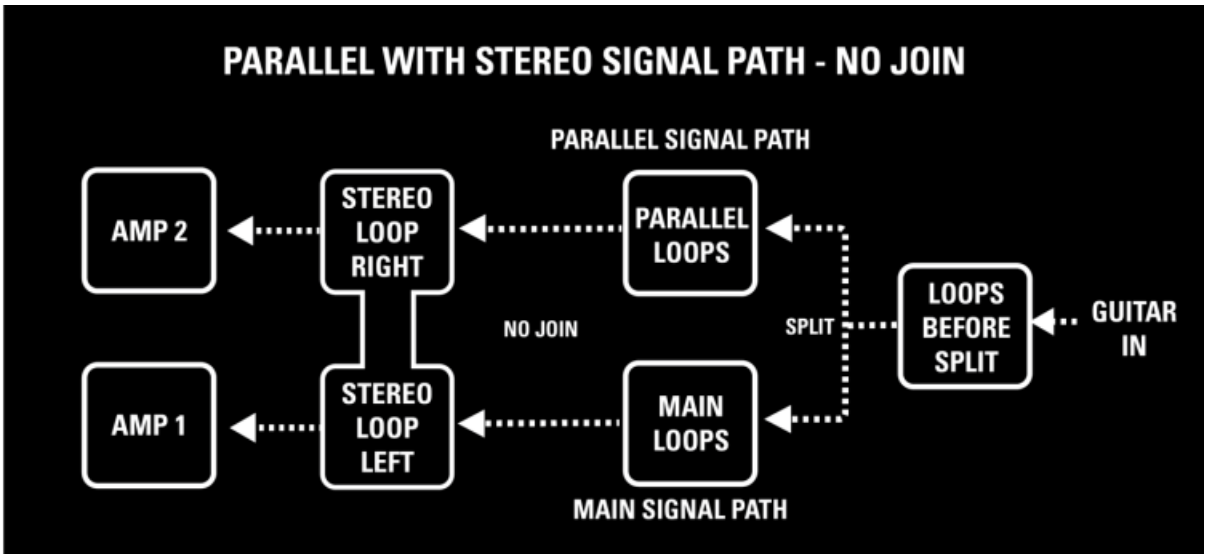
EXAMPLE 2 - WET / DRY



I've always loved the sound of a wet dry rig where you have all of your gain tones going to both amplifiers but your delays and reverbs only being sent to 1 amplifier, it sounds massive

To achieve this, we split our signal after our gain tones. For instance, you split the signal before loop 4 and select no re-join. You, therefore, send your signals from here to separate amplifiers. Anything that you select from this point, on the parallel signal path, will go to output 2. Anything else will go to output one so you can have a sound with your OverDrives going to both amplifiers, Delays going to one amplifier and modulation going to another. It really is a fantastic way two explore some unique sounds. If you run into phase problems, use the programmable phase button on the top panel.

EXAMPLE 3 - PARALLEL WITH STEREO



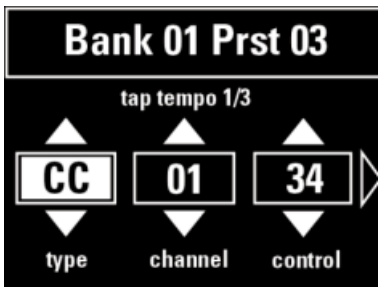
This is basically the same as your Wet/ Dry rig, where you do not have a join after you split the signal. Any stereo effects that you add from this will be added into the signal path, keeping the signal path separate. It's important that the effect be true stereo with LEFT and RIGHT inputs

5.15 Tap Tempo

Lots of people have asked for this feature. We wanted to be able to set up a Tap Tempo within the preset that you are on. Please note turning on Tap Tempo will turn off any hidden preset.

You can either set up your Tap Tempo on a separate footswitch in STOMPBOX FLASH mode or set it up on the preset where you are using your Delay and use the same preset for Tap Tempo.

How It Works:



Your Delay pedal will either have a remote switch input for Tap Tempo or a MIDI CC message Tap Tempo control number. You just need to turn on Tap Tempo then choose whether you want to use a remote switch or a CC message. If it is a remote switch, Atom/S will send out a pulse through the remote switch output as you tap. If it is a CC message, it will send out the relative CC message as you tap. This will still work if you have complex MIDI messages because the initial MIDI messages will only be sent out on the first press of the footswitch, whereas the tap tempo information will be sent out with every tap of the foot switch.

5.16 Hidden Preset

The hidden preset on Atom/S enables you to have a secondary preset for every preset in Atom/S. All you need to do is turn this feature on under global setup and then turn it on for every preset where you wish to activate a hidden preset. The normal presets on Atom/S presets are numbered 1 to 8, 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 Atom/S 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 – Atom/S Has up to 99 banks but if you don't use that many banks and you don't want to be scrolling through 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 Atom/S allowing you to use any momentary switch plugged into here as your bank select

Bank Preset - Atom/S gives you the option of selecting a foot switch 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 Atom/S.

Bluetooth - Here you can turn on Atom/S Bluetooth, enabling it to link to your iOS device to use with your Atom/S 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 Atom/S iOS app, update enables you to update the latest Atom/S software. The current version of your software will be held until the update is finished so that if there are any issues while updating you will still have the current version of software in your Atom/S only once the update has performed will it take over.

Hidden Preset - This enables hidden presets to be turned on per preset. It is a master hidden presets button. If you turn off your hidden presets here, all your hidden presets will be disabled. Turn on hidden presets here and that will give the option of turning on hidden presets for individual presets.

Stereo Select - Atom/S has 6 x loops that you can use with mono or stereo effects. If you want to use a stereo effect, use a TRS cable in the loop. TRS from the SEND loop will be LEFT and RIGHT SEND. TRS into the RETURN LOOP will be Left and RIGHT RETURN. Once you have connected the stereo effects you want to use, turn on the stereo loops here

Global Phase - Global phase sets up the polarity of the phase on output 2. This is specifically so you do not run into problems if you are trying to add an in-phase pedal in STOMPBOX to an out of phase signal.

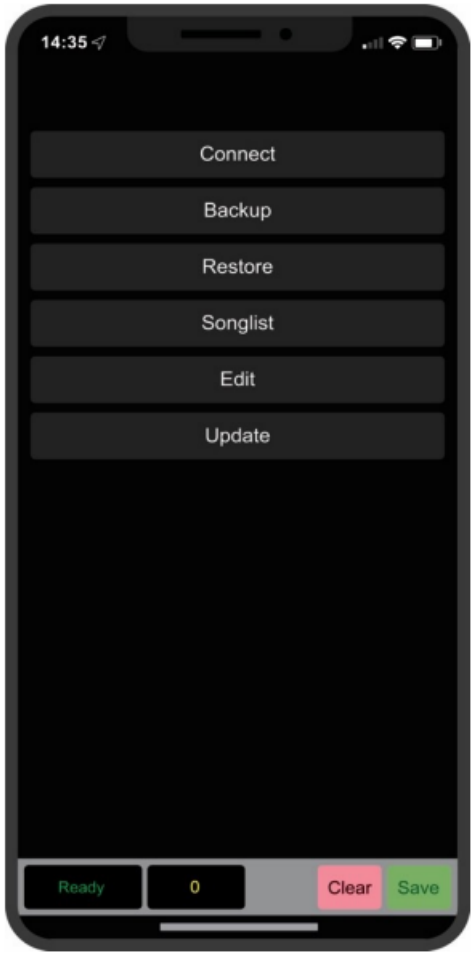
Backlight - Atom/S back-lit LCD screen has 4 levels of brightness so you can choose the one that you require for your lighting conditions.

Bank Reset - Here you can reset an entire bank back to factory settings it's a great way to start from scratch on a bank without sacrificing all of your other presets on other banks.

Factory Reset – want to clear everything and start from scratch? This will wipe everything in your Atom/S back to factory settings if you do this there is no way to recover your old settings unless you have backed up using the Atom/S app

Version - here you can see your software version number and your Atom/S serial number. This makes it easy to cheque that you have the latest version of software on your Atom/S.

7. The G3 App and Bluetooth



Atom/S is equipped with BLUETOOTH to enable you to connect it to an iOS device and utilise all the features of the Atom/S app. These include BACKUP, RESTORE, SONGLIST, and SOFTWARE UPDATE. There are more details in the Atom/S APP manual but let's have a look at how we update our software:

- Download and install the Atom/S App on to your iOS device via the APP Store.
- On G3, Go into G3's GLOBAL SETUP in the Deep Edit Menu and navigate to BLUETOOTH. This will turn on Atom/S BLUETOOTH and now will be searchable by the Atom/S APP.
- Under BLUETOOTH, navigate to UPDATE.
- You'll see a QR code and instructions on Atom/S LCD screen. Hold your camera over the QR code and it will launch Safari and ask if you want to download. Hit YES
- When the download is complete, press the DOWNLOAD button on the top right of your iOS screen. This navigates to the file download page.
- Now press the top file which will be the file you have just downloaded. This will launch the G3 app.
- In G3 app, press CONNECT
- Choose Atom/S from the list of available devices
- When it says CONNECTED, click on the DISMISS button on the bottom right hand side of the screen 1
- Now we're back in the main menu, press UPDATE, which will take you the UPDATE page on the G3 app
- Now press TRANSMIT. The file will start to be downloaded to Atom/S. You'll see the packet number rise on the Atom/S screen as the file is transferred.
- Once finished the Atom/S screen will say – FILE COMPLETE, PRESS 4 TO LOAD.
- When the load is complete, cycle power by unplugging and re-plugging the power in the back of Atom/S.

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

8. Tech Specifications

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: 2.4 kgs / 5.29 lbs

Power Requirements: 9V DC (2.1mm centre neg) @ 650mA.We recommend the use of The GigRig Generator or Gen0X power supply. Please note that (Strymon Zuma, True Tone 1-Spot and Voodoo Labs Pedal Power 2 have been tested to power G3 sufficiently.

Input impedance 1M 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.

4 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!

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

Manufacturer: The GigRig Ltd, Unit 15 Whitehill Industrial Pk, Royal Wootton Bassett, SN4 7DB
Authorised Representative: EAS - Mustamäe tee 50, 10621 Tallinn, Estonia
Warning: For indoor use only. Keep away from water. Keep away from Children.