

**THE GIGRIG.COM**

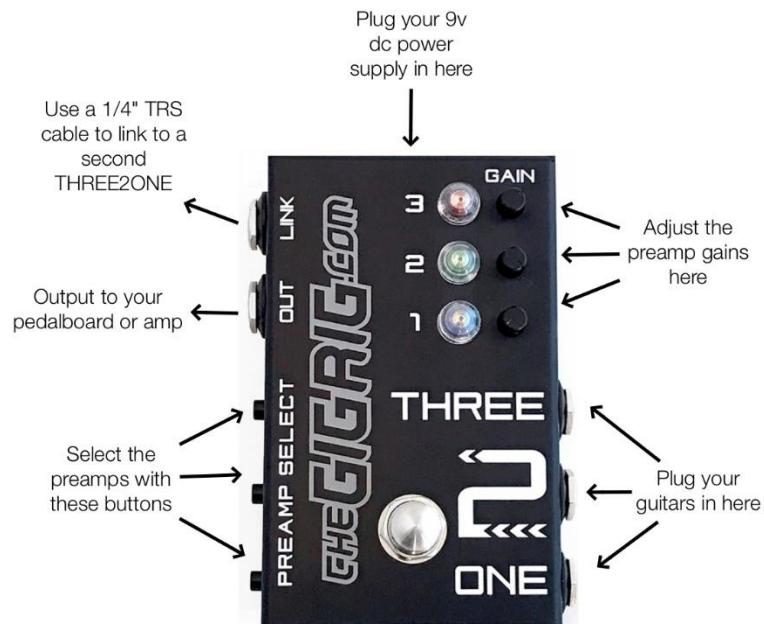


# Three2One MANUAL

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## 1. Introduction



## 2. Key Features

- Road ready tough steel enclosure with unique GigRig designed marine grade stainless steel Optokick footswitches.
- Custom designed switchable pre-amps with cut & boost control to accommodate different pickups & active guitars.
- User selectable internal buffer to facilitate long cable runs or true bypass.
- User programmable functions with optional signal mute pre-sets and gain boosts up to X4.

### 3. In Use

The GigRig Three2One guitar selector features three inputs. You can now switch easily between 1-3 guitars or even line level inputs such as a keyboards or drum machines!

After plugging your instruments in simply use the footswitch to cycle through them. Need more inputs? You can link 2 units together for up to 6 guitars.

If you need to balance levels between differing instruments, then simply select the adjacent preamp button. This engages the pre-amp gain controls next to the LED displays. You can then easily cut or boost the individual inputs.

### 4. GigRig Custom Designed Pre-Amp

It's awesome! We've doubled the voltage internally from 9v to 18v, so the Three2One has massive input headroom and can easily cope with a huge range of differing guitar pickup types (including active pickups), but remains ultra clean and quiet.

However, without the preamp selected, the guitar is true bypass; your guitar signal passes straight through. With the preamp selected (button pressed in) you can use the corresponding gain control to set your guitar's level, cut/ boost or simply set it to unity gain that will also give you a buffer, which helps keep your signal clean and strong over long cable runs.

### 5. Optop-Kick Footswitch

The Three2One uses the exclusively TheGigRig designed Optokick footswitch. It's milled from incredibly tough marine quality stainless steel. The Optokick footswitch uses light instead of potentially un-reliable mechanical switching.

We firmly believe it's the most reliable footswitch in the world!

### 6. Three2One In Use

Using inputs one and two first; the Three2One will ignore the third input and will only switch between the two guitars in inputs in use. (Blue and Green). When input three is also used, then Three2One will then automatically sense a third input being connected and will cycle through all 3 inputs.

Option: More than three Guitars? Use two Three2One units!

Connect two units together with a ¼" TRS (stereo) cable to connect up to 6 guitars. Pressing the footswitch on one unit will mute the other unit. You can use either units' output to connect to your pedalboard or amplifier.

## 7. Three2One Special Functions

Tip... It's best to disconnect the output before re-configuring your Three2One, or just turn down your amplifier if you prefer. To enter the Special Functions menu simply hold down the footswitch when applying power to the Three2One. You will then see some of the lights are on and others are off, this tells you the current configuration. To change the configuration, press the footswitch once. The Red light will flash five times. If you press the footswitch again whilst the light is flashing the Red function will be toggled, you will see that the light will have changed its state.

The next press will take you to the Green function and the next to the Blue function. Simply press the foot switch again whilst the light is flashing to change the Three2One operation. (This change is stored by your Three2One.)

Tip: Selecting the Blue function immediately takes you to Blend mode\*.

What do the functions do?

Red 'on':

This means your Three2One will always step through all three inputs, even if an instrument is not plugged into input 3, the Red input.

Tip... if you want to have a single input and scroll through the different pre amp levels, you need this function to be turned on.

Green 'on':

This adds a 'mute' to the guitar selection sequence so now the new sequence will be Blue, Green, Red, Mute, Blue, Green, Red, Mute; And so on. This also applies to the two-guitar setup which will then be Blue, Green, Mute, Blue, Green, Mute; and so on.

\*Blue 'off':

Blue will always be 'on' in the standard modes, but turning it off allows you to blend between the guitars which have the amplifier/ buffer in the signal path.

This allows two or three guitars to be played at the same time though the Three2One, it will blend them together with the volume controls as balance controls.

When in Blend Mode the foot switch will cycle through all the combinations of the three inputs. This setting will not be memorised by Three2One so it won't affect any of your other settings.

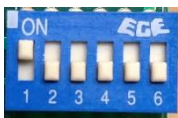
Experiment and have fun; even line level devices such as drum machines or keyboards can be blended with your guitars!

Tip: You can exit back to normal mode, at any time, by simply removing and reconnecting the DC power.

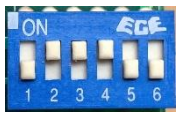
## 8. Re-Configuring The Output Driver

To re-configure the Three2one's output driver you must carefully remove the DC power and then remove the 3 input jack plug nuts and loosen the out and in jacks. Then unscrew the four screws on the end of the Three2One. The bottom plate now can be removed, and you'll see the DIP switches.

Your Three2one has 4 output driver configurations.



1, True bypass (output direct connection, no amp or buffer) is selected by an internal mini dip switch; this is the default mode.



2, Always buffered: this is for systems where long cables need to be driven with a low impedance to create a crisp top end to all your sounds. (Never true bypass)



3, Always X2 - this gives the same benefits as 2 but now has the added option of increasing the drive range available\*. With the gain control turned all the way up there will be an increase in signal level of X4 instead of X2.



4, Single Input Cycle: This mode enables you to use a single input and toggle through the different preamp levels. You don't need a preamp engaged but it is always buffered.

\*Note: This would limit the input handling; however, the X4 gain in the Three2one can still handle inputs of 4V signal peak to peak.

## 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.

'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

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.



