



# LATCHMO

## REMOTE SWITCH MANUAL

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## 1. INTRODUCTION

Thank you for your purchase of LATCHMO, the clever remote footswitch. LATCHMO can be set up in multiple modes: latching, momentary, ring, tip, normally open or normally closed - LATCHMO has you covered.

- The footswitch can be set up for either Latching or Momentary operation
- Switch the Ring and/or Tip, with either polarity (normally open/normally closed)
- Rugged milled stainless steel GigRig OPTOKICK footswitch using optical relay control
- Single or Double LATCHMO

## 2. INSTRUCTIONS

### 2.1 LATCHING OR MOMENTARY

To change the operation to latching or momentary, simply press and hold the footswitch while powering on.

1. Unplug the power from LATCHMO
2. While pressing and holding the footswitch, plug in the power.  
(9VDC CENTRE NEG)
3. LED colour indicators:
  - Red – Latching
  - Blue - Momentary



### 2.2 SWITCHING TIP OR RING

LATCHMO is set by default to switch the TIP to SLEEVE in Normally Open operation. This configuration suits most remote switching needs and works with both TRS and standard MONO ¼" cables. However, you can change the switching from Tip to Ring and adjust the polarity to Normally Closed.

The key is understanding the internal DIP switches:

Underneath the footswitch, you'll find a set of 9 DIP switches:

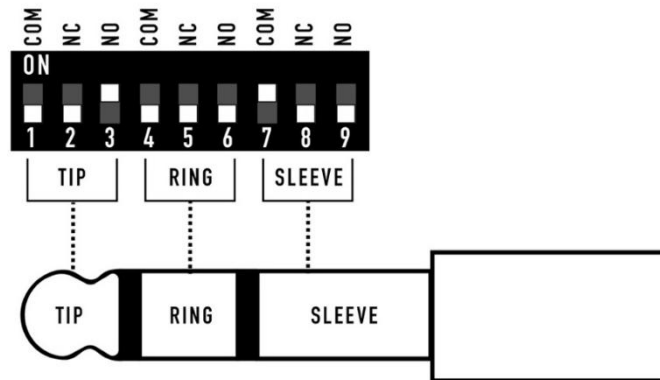
Switches 1, 2 & 3 relate to the TIP

Switches 4, 5 & 6 to the RING

Switches 7, 8 & 9 to the SLEEVE of the TRS connector

To access the DIP switches, simply remove the four screws from the sides.

## DEFAULT SETTING



## 2.3 RELAY CONNECTIONS

The other side of the DIP switches connects to the relay. You can connect any part of the connector (SLEEVE, RING, TIP) to any part of the relay switch. The relay connections are labelled as follows:

- COM – COMMON

The pole of the switch, and the common connection—typically connected to the SLEEVE.

- NC – NORMALLY CLOSED

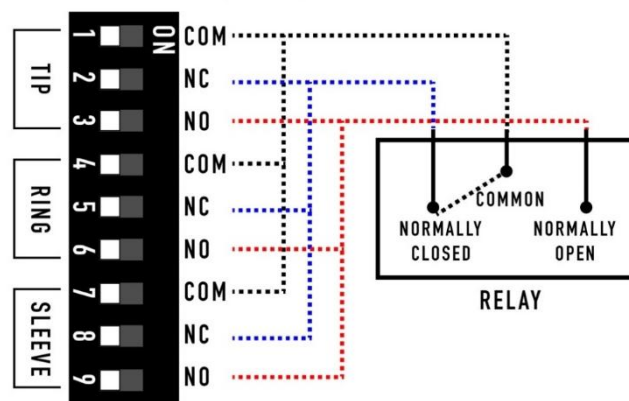
With LATCHMO turned off (LED off), this throw is connected to the common. It disconnects when the LED is on.

- NO – NORMALLY OPEN

With LATCHMO turned off (LED off), this throw is disconnected from the common. It connects when the LED is on.

As stated, LATCHMO's default setting covers most general switching needs by connecting TIP to SLEEVE when the footswitch is pressed. But its configurable nature means LATCHMO can handle more specific solutions as required.

## LATCHMO RELAY



### 3. LATCHMO X2



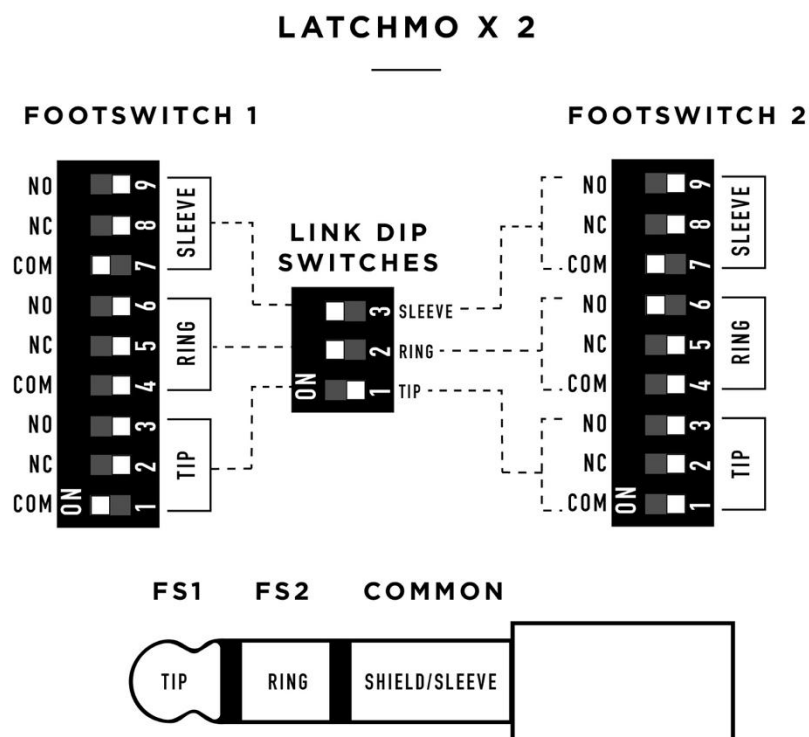
LATCHMO X2 features two independent LATCHMOs in a single enclosure. They can be:

- Fully independent, each with its own output
- Or configured with one footswitch controlling the TIP and the other the RING of a TRS connector

Default Setting:

- FOOTSWITCH 1 switches the TIP
- FOOTSWITCH 2 switches the RING

To use each footswitch independently, turn all the LINK DIP switches to the OFF position. If you want to use a TRS cable you can either choose which output takes the TRS connector, or simply turn all 3 dipswitches to the ON position. This will mean you can use either output for your TRS connector.



## 4. EXAMPLES

### G3 EXT BANK SELECT

Connect LATCHMO to the EXT BANK input on the back of your G3 to use LATCHMO as your Bank Manager. Set it to Momentary by holding the footswitch on power-up.

BLUE LED = Momentary



### PLUS2 REMOTE SELECT

To control the loops of PLUS2 remotely, connect LATCHMO X2 to the REMOTE SWITCH input of the GigRig PLUS2 with a TRS cable.



## 5. SAFETY

### Important Usage Instructions

6. Indoor Use Only: LATCHMO is designed for indoor use. Do not expose it to moisture or allow it to get wet.
7. Ensure use with quality Isolated power supply such as TheGigRig Generator or Gen-X-8/14
8. When changing dip switch settings disconnect LATCHMO from its power source
9. Don't eat it. Just because its RoHS compliant doesn't mean its food

## 10. TECHNICAL SPECIFICATIONS

Input Voltage: 9VDC Centre Negative

Current Draw:

- LATCHMO – 30mA
- LATCHMO X2 – 60mA

Input is reverse diode protected

Complies with: BS EN 60950-2002 safety standard

Low voltage device

For disposal, return the unit to TheGigRig Ltd

### Dimensions: LATCHMO

**Length:** 4.7cm/ 1.85"

**Depth:** 5cm/ 1.97"

**Height:** 3cm/ 1.18"

**Weight:** 0.09kg/ 0.2lb



### Dimensions: LATCHMO X 2

**Length:** 12cm/ 4.72"

**Depth:** 5cm/ 1.97"

**Height:** 3cm/ 1.18"

**Weight:** 0.15kg/ 0.33lb





## 11. WARRANTY

The GigRig warrants this product to be free from defects in material and workmanship for **12 months** (or legal standard for country of delivery) from the date of original purchase.

If the product fails within the warranty period, The GigRig will repair or replace it at our discretion and cover return shipping. This warranty applies when used as recommended. It does not cover:

- Loss, theft, misuse, abuse
- Unauthorized modification or improper storage
- Lightning or natural disasters

Damage from the above may incur a non-warranty repair fee.

This warranty is not transferable to a new owner should you sell the pedal.

Legal:

In the event of malfunction, the purchaser's sole remedy is repair or replacement. The GigRig is not liable for:

- Lost profits or savings
- Damage to other equipment
- Incidental or consequential damages

The GigRig's liability will not exceed the original purchase price. All warranties other than those expressly stated are disclaimed.

Disposal:

No batteries or lead inside. Return to TheGigRig Ltd or follow local electrical disposal regulations.

Do not dispose of in household waste.

Copyright & Legal

- TheGigRig is protected by copyright, patent, and design registration.
- 'GigRig' is a registered trademark (No. 2343300).
- Unauthorized copying of design or functionality for commercial gain may lead to legal action.
- Licenses may be granted to non-competing companies.

Compliance:

- RoHS Compliant
- Compliant with EN 60950
- Power supply approved for USA and EU regulations (see separate instructions)

Manufacturer:

The GigRig Ltd, Unit 15 Whitehill Industrial Pk, Royal Wootton Bassett, SN4 7DB

Authorised Representative:

EAS – Mustamäe tee 50, 10621 Tallinn, Estonia

Warnings:

For indoor use only. Keep away from water and children



**CE UK  
CA RoHS**