

# MULTI

— switch *PLUS*

USER MANUAL

**strymon**<sup>®</sup>

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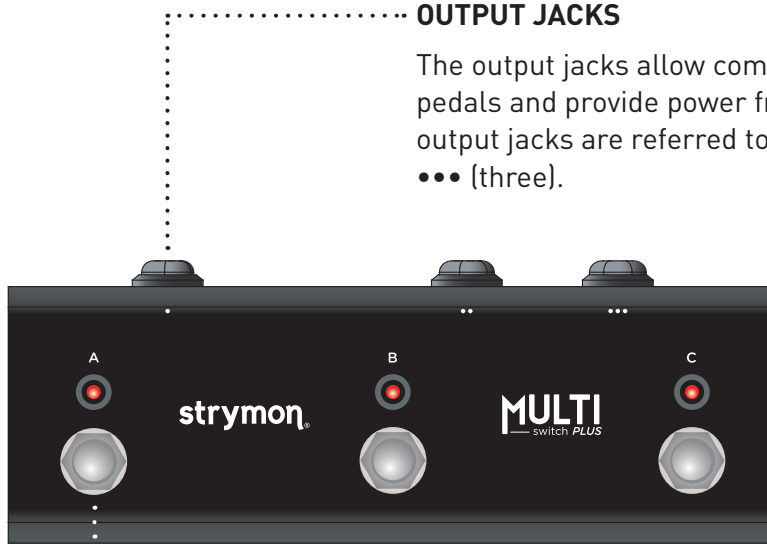
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## Overview

MultiSwitch Plus enhances your ability to control Strymon pedals at your feet without the complexity of MIDI. MultiSwitch Plus has three LEDs, output jacks, and footswitches.

### OUTPUT JACKS

The output jacks allow commands to be sent to your pedals and provide power from these pedals. These output jacks are referred to as • (one), •• (two), and ••• (three).



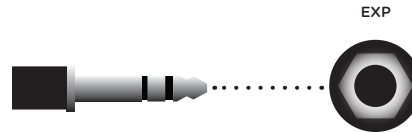
### FOOTSWITCHES

The footswitches can be programmed to send a variety of different commands to your pedals. These footswitches are referred to as **A**, **B**, and **C**.

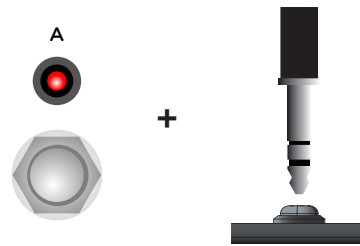
## Preset Mode

This mode adds the ability to select and bypass three presets on [supported pedals](#).<sup>1</sup> Press a footswitch with an unlit LED to select that preset on connected pedals. Step on the same footswitch again to bypass the pedals.

- 1 Connect the included TRS cable to the **EXP** jack of the pedal you wish to control.



- 2 Enter Preset Mode by holding down the **A** footswitch while connecting the TRS cable to MultiSwitch Plus. The **A** LED will flash **RED** to confirm the selection.



- 3 Release the footswitch. The LEDs on MultiSwitch Plus will flash **GREEN** when configuration is complete. All outputs carry the same signal in this mode.

- 4 Check the [Appendix](#) for instructions on how to configure the connected pedal for use in this mode.

<sup>1</sup>Check the [Compatibility Chart on pg.15](#) for details and a list of compatible pedals.

**NOTE:** These three presets correspond to MIDI Program Change messages 1-2-3.

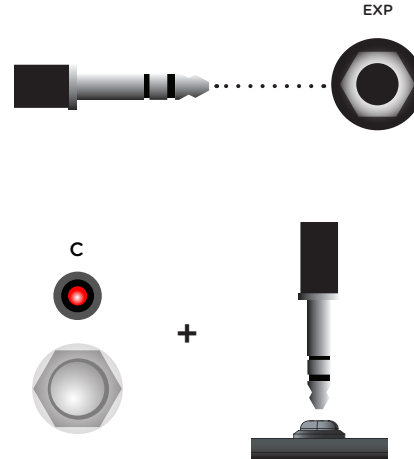
**NOTE:** For Iridium, pressing on the selected preset on MultiSwitch Plus will toggle between the selected preset and the physical settings of the knobs and switches on Iridium.

**NOTE:** For NightSky and Volante, this is equivalent to the presets stored on preset and playback buttons 2-3-4, respectively. For Sunset and Riverside, these are independent of the preset that is associated with the **FAV** footswitch, which is equivalent to MIDI PC# 0.

## Custom Mode

This mode adds remote control functionality unique to the [supported pedal](#).<sup>1</sup>

- 1 Connect the included TRS cable to the **EXP** jack of the pedal you wish to control.
- 2 Enter Custom Mode by holding down the **C** footswitch while connecting the TRS cable to MultiSwitch Plus. The **C** LED will flash **RED** to confirm the selection.
- 3 Release the footswitch. The LEDs on MultiSwitch Plus will flash **GREEN** when configuration is complete. All three outputs carry the same signal in this mode.
- 4 Check the manual of the connected pedal for specific functionality and instructions on how to configure the pedal for use in this mode.



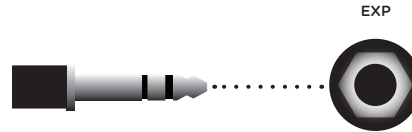
<sup>1</sup> Check the [Compatibility Chart on pg.15](#) for details and a list of compatible pedals.

## TimeLine, BigSky & Mobius Mode

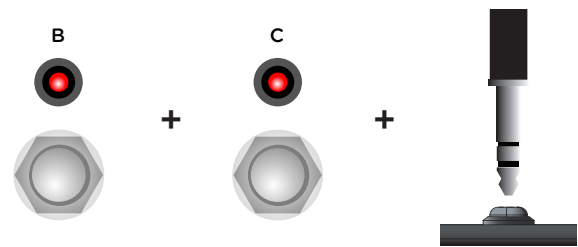
This mode adds expanded preset selection control for TimeLine, BigSky, and Mobius and dedicated Looper controls for TimeLine.

May require firmware update. Check the [Compatibility Chart on pg.15](#) for details.

- 1 Connect the included TRS cable to the **EXP** jack of the pedal you wish to control.



- 2 Enter TimeLine, BigSky and Mobius Mode by holding down the **B** and **C** footswitches at the same time while connecting the TRS cable to MultiSwitch Plus. The **B** and **C** LEDs will flash **RED** to confirm the selection.



- 3 Release the footswitches. The LEDs on MultiSwitch Plus will flash **GREEN** when configuration is complete.  
All outputs carry the same signal in this mode.

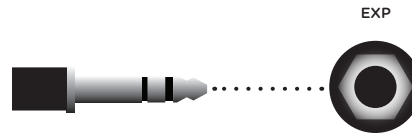
- 4 Check the [Appendix](#) for instructions on how to configure the connected pedal for use in this mode.

**NOTE:** MultiSwitch Plus LEDs remain unlit in this mode. The TimeLine, BigSky and Mobius are not capable of bidirectional communication which is required to support MultiSwitch Plus LED functionality.

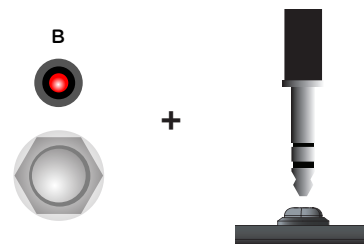
## Tap, Favorite, Boost & Speed Mode

This mode allows you to connect up to three [supported pedals](#)<sup>1</sup> for independent, dedicated footswitch functions.

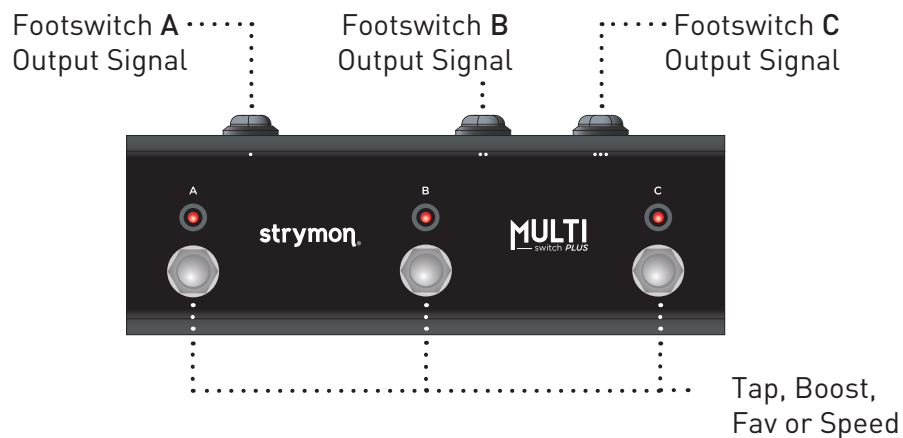
- 1 Connect the included TRS cable to the **EXP** or **FAV** jack of the pedal you wish to control.



- 2 Enter Tap, Favorite, Boost & Speed Mode by holding down the **B** footswitch while connecting the TRS cable to MultiSwitch Plus. The **B** LED will flash **RED** to confirm the selection and all LEDs will illuminate.



- 3 Release the footswitch. The LEDs on MultiSwitch Plus will all be lit. Press the footswitches to assign each switch and jack pair to control Tap (**GREEN** LED) or FAV/Boost/Speed (**RED** LED).



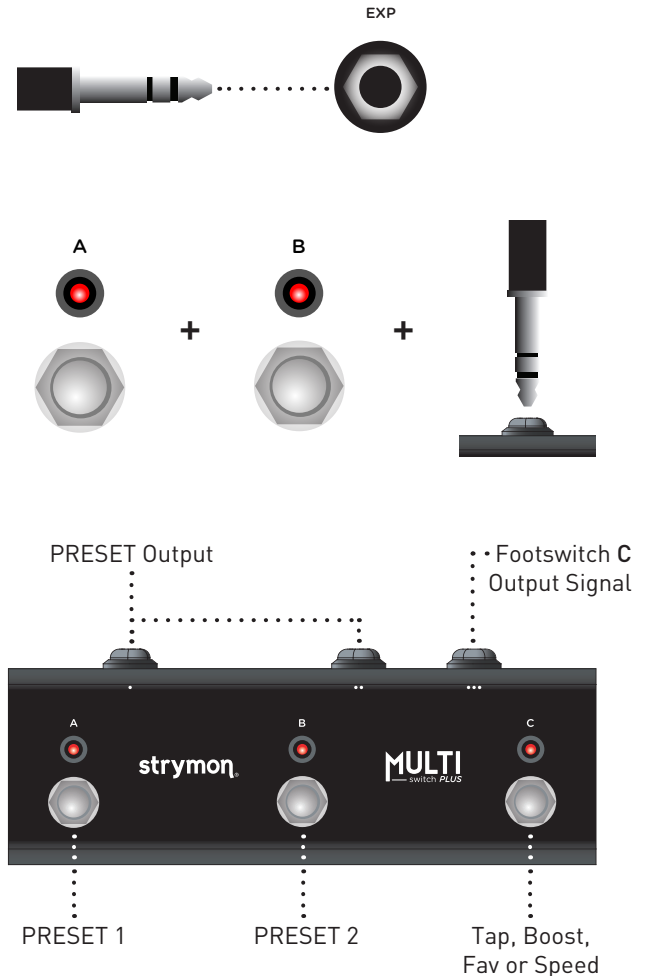
- 4 Press and hold the **B** footswitch to exit configuration mode.
- 5 Check the [Appendix](#) for instructions on how to configure the connected pedal for use in this mode.

<sup>1</sup> Check the [Compatibility Chart on pg.15](#) for details and a list of compatible pedals.

## Combo Mode

Footswitches **A** / **B** and output jacks 1 / 2 match the behavior of Preset mode. Footswitch **C** and output jack 3 match the behavior of TAP, FAV, BOOST & SPEED MODE.

- 1 Connect the included TRS cable from output 1 or 2 to the appropriate jack of one of the pedals you wish to control.
- 2 Enter Combo Mode by holding down the **A** and **B** footswitches while connecting the TRS cable to MultiSwitch Plus. The **A** and **B** LEDs will flash **RED** to confirm the selection.
- 3 After entering Combo Mode the **C** footswitch LED will indicate whether it is assigned to control Tap (**GREEN** LED) or FAV/Boost/Speed (**RED** LED). Press the **C** footswitch to toggle between these two options.
- 4 Press and hold **B** to exit configuration.
- 5 Connect an additional TRS cable from output 3 to the pedal receiving Tap, Boost, Fav or Speed signal.
- 6 Check the [Appendix](#) for instructions on how to configure the connected pedal for use in this mode.



Check the [Compatibility Chart on pg.15](#) for details and a list of compatible pedals.



Appendix

# Connected Pedal Setup

## Preset Mode Pedal Setup

A quick reference for the connected pedal setup. For more details see pedal user manual.

### Compadre

Setting **FAV/MIDI** jack to MIDI mode.

- 1 Press and hold the **COMP** footswitch while powering up the pedal.
- 2 Turn the **BOOST** knob until the **BOOST** LED turns **BLUE** to set the FAV/MIDI jack mode to MIDI Mode.
- 3 Press either footswitch to store the FAV/MIDI jack assignment.

### Iridium

Setting **EXP** jack to MIDI mode.

- 1 Press and hold the **FAV** footswitch while powering up the pedal.
- 2 Turn the **LEVEL** knob until the **ON** LED turns **BLUE** to set the EXP jack mode to MIDI Mode.
- 3 Press the either footswitch to store the EXP jack assignment.

### NightSky

Setting **EXP** jack to Preset mode.

- 1 To configure the EXP jack, press and hold the **INFINITE** footswitch while powering up
- 2 Turn the **REVERB** knob until the **INFINITE** LED turns **BLUE**.
- 3 Press the **INFINITE** footswitch to store this setting.

### Riverside

Setting **EXP** jack to MIDI mode.

- 1 Press and hold the **FAVORITE** footswitch while powering up the pedal.
- 2 Turn the **LEVEL** knob until the **ON** LED turns **BLUE** to set the EXP jack mode to MIDI Mode.
- 3 Press either footswitch to store the EXP jack assignment.

### Sunset

Setting **EXP** jack to MIDI mode.

- 1 Press and hold the **A** footswitch while powering up the pedal.
- 2 Turn the **LEVEL** knob on the **B** side until the **B** LED turns **BLUE** to set the EXP jack mode to MIDI Mode.
- 3 Press either footswitch to store the EXP jack assignment.

### Volante

Setting **EXP** jack to Preset mode.

- 1 To configure the EXP jack, press and hold the **TAP** button while powering up Volante.
- 2 Turn the **ECHO LEVEL** knob until the **TAP** LED turns **BLUE**.
- 3 Press the **TAP** footswitch to store this setting.

## Custom Mode Pedal Setup

A quick reference for the connected pedal setup. For more details, see pedal user manual.

### NightSky

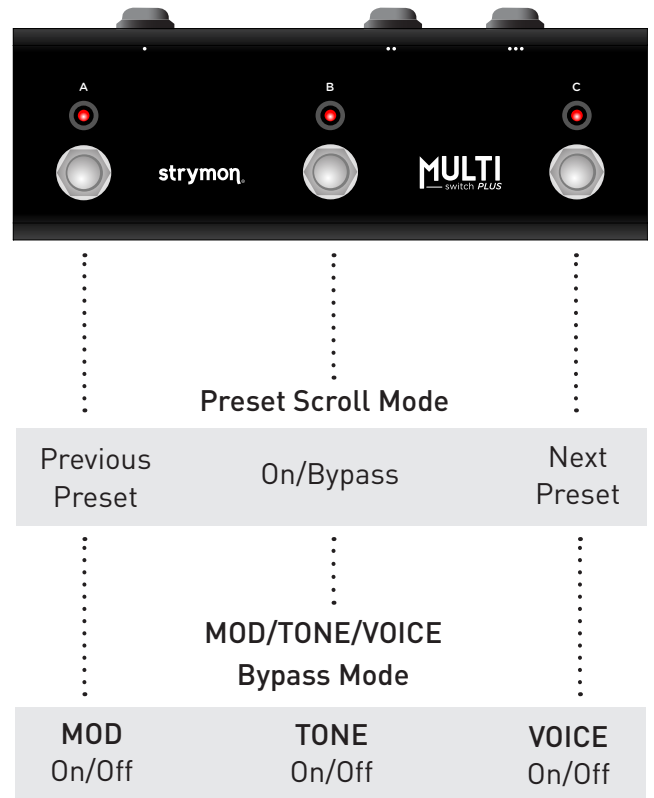
Setting **EXP** jack to the desired MultiSwitch Plus functionality.

- 1 Press and hold the **INFINITE** footswitch while connecting power to the pedal. Once the three footswitch LEDs light up, release the footswitch.
- 2 Turn the **SPEED** knob all the way counter-clockwise to set the MIDI channel to Channel 1. The **ON** LED should be **GREEN**.
- 3 Turn the **LENGTH** knob all the way counter-clockwise to set the TRS MIDI OUT mode to ON. The **FAVORITE** LED should be **GREEN**.
- 4 Turn the **REVERB** knob to the desired MultiSwitch Plus function.

**Preset Up/Down Mode: RED** - Scroll up or down through the 16 on-board presets and toggle bypass with MultiSwitch Plus.

**MOD/TONE/VOICE Bypass Mode: WHITE** - Use MultiSwitch Plus to independently bypass the MOD, TONE, and VOICE sections of NightSky.

- 5 Press the **INFINITE** footswitch to store these settings.



## Custom Mode Pedal Setup (cont.)

A quick reference for the connected pedal setup. For more details, see pedal user manual.

### Volante

Setting **EXP** jack to the desired MultiSwitch Plus functionality.

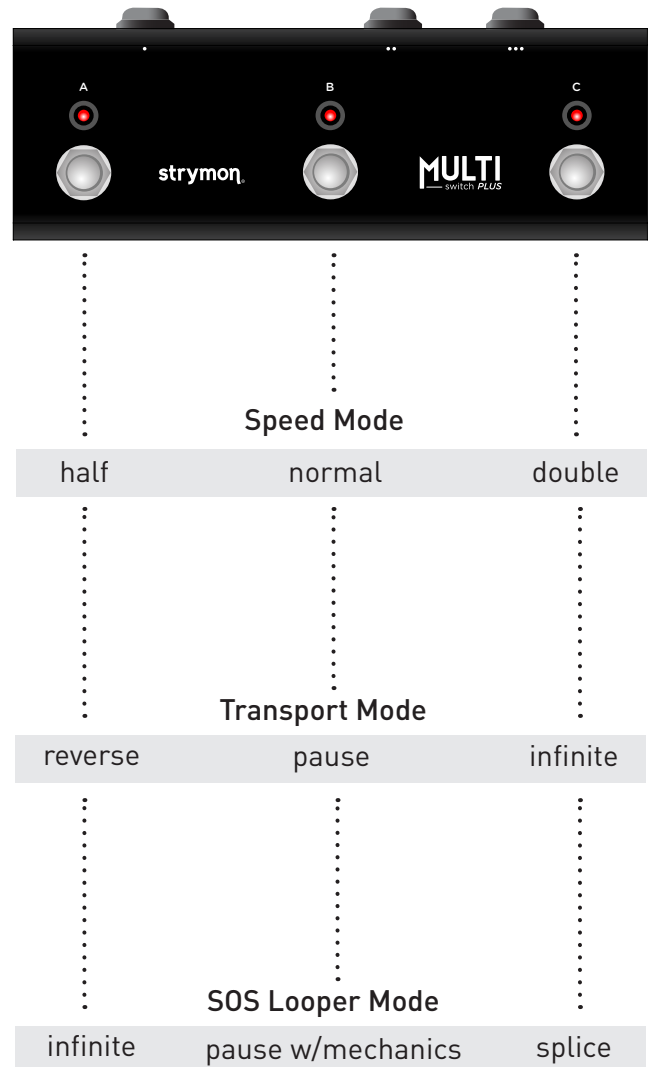
- 1 Press and hold the **TAP** footswitch while connecting power to the pedal. Once the footswitch LEDs light up, release the footswitch.
- 2 Turn the **REC LEVEL** knob all the way counter-clockwise to set the MIDI channel to Channel 1. The **ON** LED should be **GREEN**.
- 3 Turn the **TIME** knob all the way counter-clockwise to set the TRS MIDI OUT mode to ON. The **FAVORITE** LED should be **GREEN**.
- 4 Turn the **ECHO LEVEL** knob to the desired MultiSwitch Plus function.

**Speed Mode: PURPLE** - Toggle between the three settings of the SPEED switch using MultiSwitch Plus.

**Transport Mode: RED** - Provides access to additional transport controls using MultiSwitch Plus.

**SOS Looper Mode = WHITE**: Provides instant access to the SOS Looper controls using a MultiSwitch Plus.

- 5 Press the **TAP** footswitch to store these settings.

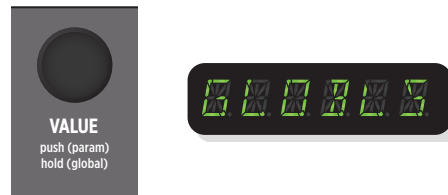


## TimeLine, BigSky & Mobius Mode Pedal Setup

A quick reference for the connected pedal setup. For more details see pedal user manual.

- 1 TimeLine, BigSky and Mobius may require firmware update to work with MultiSwitch Plus. Check the [Compatibility Chart on pg.15](#) for details.

- 2 Press and hold the **VALUE** knob on your TimeLine, BigSky or Mobius for at least 2 seconds to access the GLOBALS menu. Release the **VALUE** knob.



- 3 Turn the **VALUE** knob until the display reads **EXP MD** (Expression Mode).



- 4 Press and release the **VALUE** knob again, then turn the **VALUE** knob to select an Expression Mode.

These modes are detailed on the next page.



## TimeLine, BigSky & Mobius Mode Pedal Setup (cont.)

Description of footswitch functionality in TimeLine, BigSky & Mobius mode. LEDs will remain unlit.

### TAP MODE

Use the left switch to scroll down through your saved presets, the right switch to scroll up, and the middle switch to tap your tempo.

### BANK MODE

Use the left footswitch to move down a bank, right footswitch to move up a bank, and middle footswitch to cycle through your presets within the current bank.

### PRESET MODE

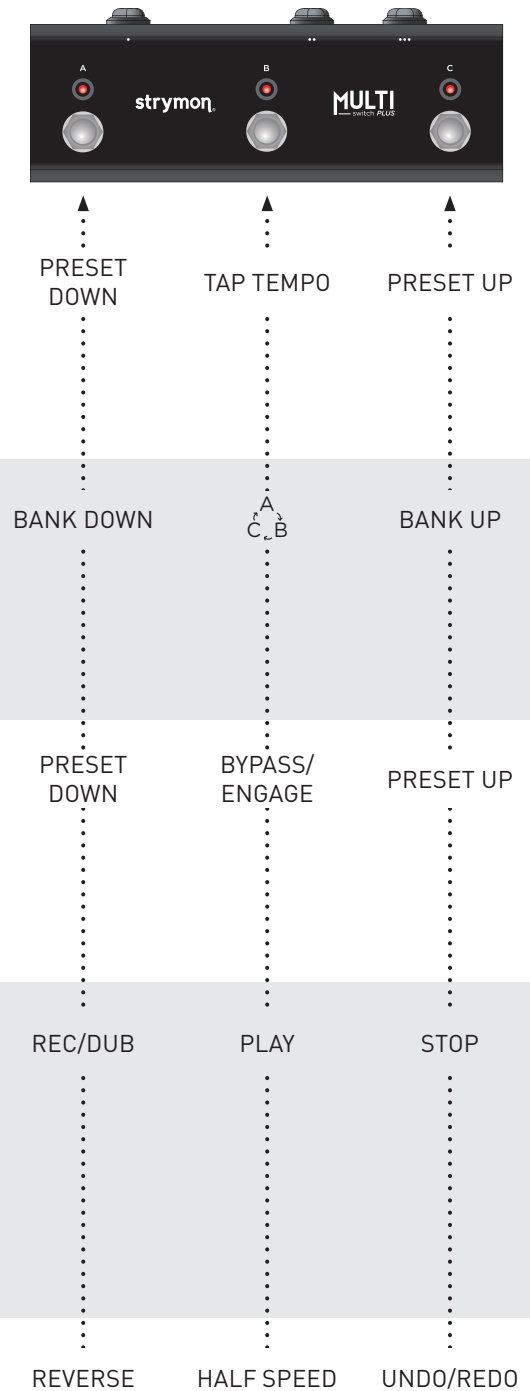
Scroll through saved presets using the left and right footswitches, and engage/bypass the preset you have selected with the middle footswitch.

### 3 - BUTTON LOOPER (Timeline Only)

MultiSwitch Plus allows instant access to TimeLine's Record/Overdub, Play, and Stop functions without holding the TAP switch to enter Looper Mode. Access looping features while retaining footswitch control over your delay sounds.

### 6 - BUTTON LOOPER (Timeline Only)

Hold TimeLine's TAP footswitch to enter looper mode, and MultiSwitch Plus now gives you instant access to Reverse, Half Speed, and Undo/Redo.



## Tap Mode Pedal Setup

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A quick reference for the connected pedal setup. For more details see pedal user manual.

### BigSky, Mobius, TimeLine

Setting EXP jack to Tap Tempo mode.

- 1 Press and hold the **VALUE** knob on your TimeLine, BigSky or Mobius for at least 2 seconds to access the GLOBALS menu. Release the **VALUE** knob.
- 2 Turn the **VALUE** knob until the display reads **EXP MD** (expression mode).
- 3 Press and release the **VALUE** knob again, then turn the **VALUE** knob to select the TAP expression mode: TAP.

**NOTE:** On BigSky, tap tempo sets the Pre-Delay time.

### Brigadier, DIG, El Capistan, Flint

Setting EXP jack to Tap Tempo Mode.

- 1 Set both toggles to DOWN position.
- 2 Power up holding BOTH footswitches.

### Deco

Setting EXP jack to Tap Tempo mode.

- 1 Power up holding BOTH footswitches.
- 2 While holding footswitches, turn the **SATURATION** knob to the 12 o'clock position.

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### Volante

Setting EXP jack to Tap Tempo mode.

- 1 Press and hold **TAP** footswitch at power up.
- 2 Turn **ECHO LEVEL** knob to the left until TAP LED lights up **AMBER**.
- 3 Press **TAP** footswitch to exit.

## Favorite Mode Pedal Setup

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### Brigadier, DIG, El Capistan, Flint

Setting **EXP** jack to Favorite mode.

- 1 Set both toggles to middle position.
- 2 Power pedal holding down both footswitches.

**SAVE FAVORITE:** Press and hold **BYPASS** to save a new Favorite setting. Flint: Press and hold **REVERB BYPASS** to save a new Favorite setting.

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### Compadre

Setting **FAV/MIDI** jack to Favorite mode.

- 1 Press and hold **COMP** footswitch at power up.
- 2 Turn **BOOST** knob all the way to the left. The **BOOST** LED will light up **RED**.
- 3 Press the **BOOST** or **COMP** footswitches once again to store this setting and begin using Compdre.

**SAVE FAVORITE:** Press and hold the **BOOST** footswitch to save a new Favorite setting.

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### Deco

Setting **EXP** jack to Favorite mode.

- 1 Power up holding BOTH footswitches.
- 2 While holding down the footswitches, turn the **SATURATION** all the way to the right.

**SAVE FAVORITE SETTING:** Press and hold **TAPE SATURATION BYPASS** to save a new Favorite setting.

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### Iridium

Setting **FAV** jack to Favorite mode.

- 1 Press and hold **FAV** footswitch at power up.
- 2 Turn **LEVEL** knob all the way to the right. The **ON** LED will light up **PURPLE**.
- 3 Press the **ON** or **FAV** footswitches once again to store this setting and begin using Iridium.

**SAVE FAVORITE:** Press and hold the **FAV** footswitch to save a new Favorite setting.

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### Riverside

Setting **EXP** jack to Favorite mode.

- 1 Press and hold **FAVORITE** footswitch at power up.
- 2 Turn **LEVEL** knob just past the 12 o'clock position. The **FAVORITE** LED will light up **AMBER**.
- 3 Press the **ON** or **FAVORITE** footswitch once again to store this setting and begin using Riverside.

**SAVE FAVORITE:** Press and hold **FAVORITE** to save a new Favorite setting.

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### Sunset

Setting **FAV** jack to Favorite mode.

- 1 Press and hold **A** footswitch at power up.
- 2 Turn **A** side **LEVEL** knob all the way to the left. The **A** LED will light up **AMBER**.
- 3 Press the **A** or **B** footswitches once again to store this setting and begin using Sunset.

**SAVE FAVORITE:** Press and hold **A** footswitch to save a new Favorite setting.



## Boost Mode Pedal Setup

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### Riverside

Setting **BOOST** jack to Boost mode.

- 1 Press and hold **FAVORITE** footswitch at power up.
- 2 Turn **DRIVE** knob all the way to the right. The **FAVORITE** LED will light up **PURPLE**.
- 3 Press the **ON** or **FAVORITE** footswitch once again to store this setting and begin using Riverside.

## Speed Mode Pedal Setup

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### Lex

Setting **EXP** jack to Favorite/Speed modes.

- 1 Set both toggles to **DOWN** position.
- 2 While holding both footswitches:
  - Turn **FAST ROTOR SPEED** knob full clockwise for Favorite EXP mode
  - Turn **FAST ROTOR SPEED** knob to 12 o'clock for SPEED switch EXP mode

**SAVE FAVORITE:** Press and hold **BYPASS** to save a new Favorite setting.

## Compatibility Chart

Here is the list of MultiSwitch Plus compatibility. For the latest list of compatible product visit [strymon.net/multiswitchplus](http://strymon.net/multiswitchplus).

Mode	Description	Compatibility
Preset Mode	Adds the ability to select and bypass onboard presets 1, 2, and 3.	Compadre, Iridium, NightSky, Riverside, Sunset, Volante
Custom Mode	Provides remote access to functionality unique to the connected pedal.	NightSky, Volante
TimeLine, BigSky, and Mobius Mode	Expanded preset selection control. Dedicated looper controls (TimeLine).	BigSky v1.49+, Mobius v1.39+, TimeLine v1.87+*
Tap/Fav/Boost/Speed Mode	Each footswitch is paired with the closest output and its function can be independently assigned.	<b>Tap:</b> BigSky, Deco, DIG, Flint, Mobius, TimeLine, Volante <b>Fav:</b> Brigadier, Deco, DIG, El Capistan, Flint, Iridium, Lex, Riverside, Sunset <b>Boost:</b> Riverside <b>Speed:</b> Lex
Combo Mode	Footswitches A and B will select between presets 1 and 2 for pedals connected to outputs 1 and 2. Footswitch C can be used for remote Tap Tempo, Favorite, Boost, or Speed for the pedal connected to output 3.	<b>Presets:</b> Compadre, Iridium, NightSky, Riverside, Sunset, Volante <b>Tap:</b> BigSky, Deco, DIG, Flint, Mobius, TimeLine, Volante <b>Fav:</b> Brigadier, Compadre, Deco, DIG, El Capistan, Flint, Iridium, Lex, Riverside, Sunset <b>Boost:</b> Riverside <b>Speed:</b> Lex

\*NOTE: To check firmware on TimeLine, BigSky, and Mobius, press and hold far right footswitch on power up. Turn the **TYPE** knob until the display shows REVISN and then push the **TYPE** knob.

## Specifications

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<b>Cable</b>	1/4" Right Angle TRS (tip / ring / sleeve)
<b>Power Supply</b>	No additional power supply required
<b>Chassis</b>	Rugged black anodized aluminum chassis
<b>Dimensions</b>	6.8" wide x 2.2" deep x 1.7" tall (172mm wide x 57mm deep x 42mm tall)

Additional TRS cables can be purchased from [strymon.net/store](http://strymon.net/store).

Designed and built in the USA.

## **Strymon Non-Transferrable Limited Warranty**

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### **Warranty**

Strymon warrants the product to be free from defects in material and workmanship for a period of two (2) years from the original date of purchase when bought new from an authorized dealer in the United States of America or Canada. If the product fails within the warranty period, Strymon will repair or, at our discretion, replace the product at no cost to the original purchaser. Please contact your dealer for information on warranty and service outside of the USA and Canada.

### **Exclusions**

This warranty covers defects in manufacturing discovered while using this product as recommended by Strymon. 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.

### **Limits of Liability**

In the case of malfunction, the purchaser's sole recourse shall be repair or replacement, as described in the preceding paragraphs. Strymon 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 Strymon be liable for more than the amount of the purchase price, not to exceed the current retail price of the product. Strymon disclaims any other warranties, expressed or implied. By using the product, the user accepts all terms herein.

### **How to Obtain Service Under this Warranty**

For North American customers: Contact Strymon through our website at [strymon.net/support](http://strymon.net/support) for Return Authorization and information. Proof of original ownership may be required in the form of a purchase receipt.

For International Customers: Contact the Strymon dealer from which the product was purchased from in order to arrange warranty repair service.

Strymon<sup>®</sup> is a division of Damage Control<sup>®</sup>, LLC.