

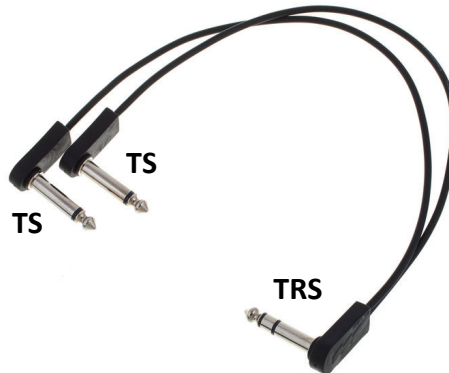


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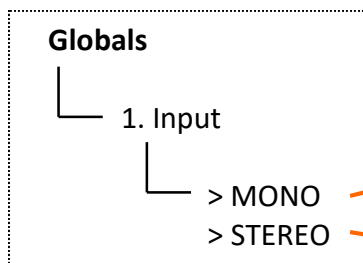
## 1. Inputs

Skylar accepts mono input or stereo inputs. For mono input operation use a standard mono (TS) patch cable and for stereo operation use a stereo (TRS) cable. If the stereo input signals come from an equipment that has separate Left and Right channel output jacks you will need to use a splitter cable like this:



To obtain the optimal sound quality, depending whether you use Mono or Stereo inputs, the pedal must be configured accordingly. This is done in **Global Settings**.

**Hold the MODES button for 2 secs to enter global setting.**



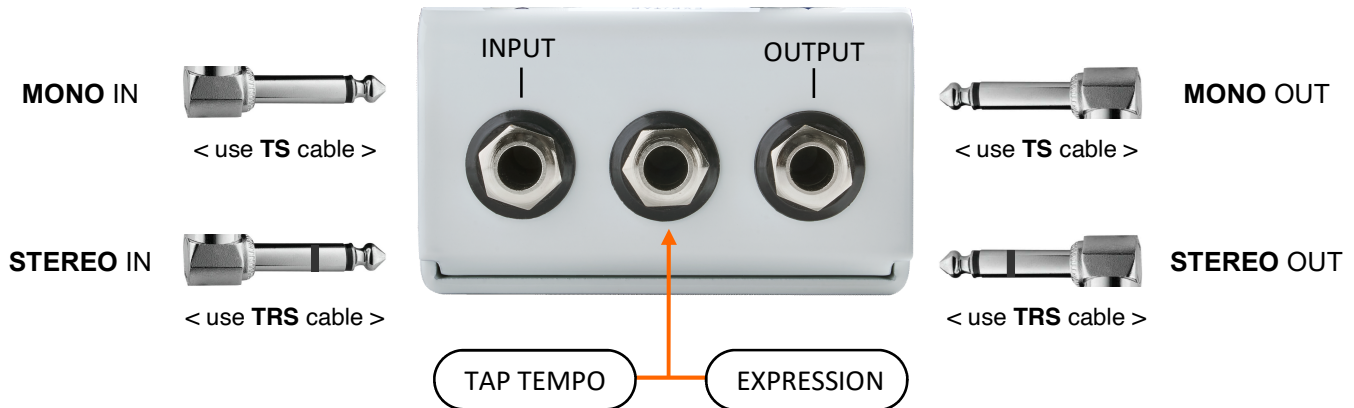
Set to MONO when using mono input.

Set to STEREO when using stereo input.

## 2. Outputs

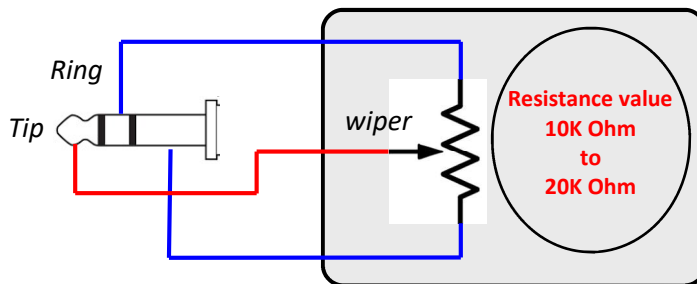
Skylar may be used for mono output or stereo outputs. For mono output use a standard mono (TS) patch cable and for stereo outputs use a stereo (TRS) cable. If the stereo output signals are fed to an equipment that has separate Left and Right channel input jacks you will need to use a splitter cable like the one pictured above.

You do not need to configure anything for using mono or stereo outputs.



### 3. Expression Input

An expression pedal may be used to control any one of the primary parameters, alternatively a tap tempo pedal may be used to remotely send tap tempo signal to the pedal.



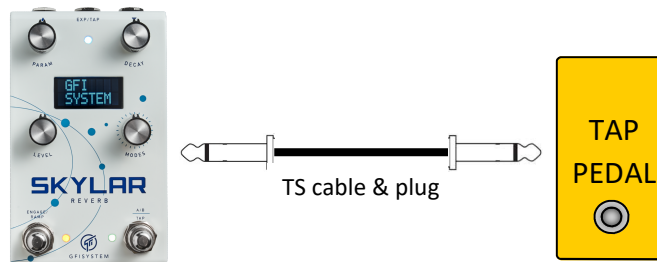
#### Expression Pedal requirement.

Some expression pedal on the market has its wiper connected to the Ring instead, this will not work with Skylar. Make sure you get the suitable type : *Wiper-to-Tip*.

Wiper resistance value should be 10 to 20 KOhm.

### 4. Tap Tempo Input

A tap-tempo pedal may be connected to the EXP/TAP input to remotely tap in the tempo. The switch contact must be 'Normally-Opened' (NO) type.

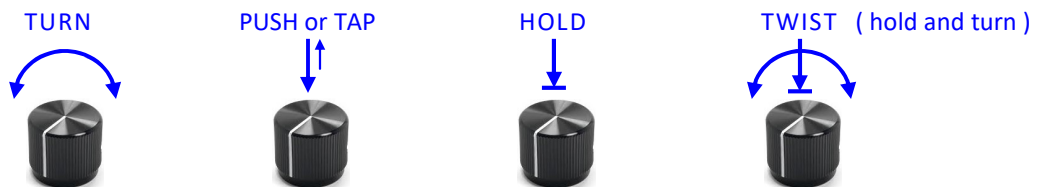


#### Auto detection

Upon power up Skylar will automatically detect the presence (or absence) of an expression pedal or a tap-tempo pedal. Therefore, after plugging/unplugging the external gear you need to recycle power to the Skylar to let it detect the changes.

## 5. Knobs and Buttons

 **Every knob is also a button.** The following operations can be done on each knob :



Here's a summary of what each knob and each switch does, this is just a quick reference, more detailed explanation will be given in the next chapter.



### KNOB 1, 2, and 3

- **Turn** - adjust primary parameters.
- **Push** - toggle expression mapping for the parameter.
- **Hold** - enter expression *heel/toe* value setup.
- **Twist** - Adjust secondary parameter (see table below).

### KNOB 4

- **Turn** - select modes.
- **Push** - Enter OPTIONS menu.
- **Hold** - enter GLOBALS setting menu.
- **Twist** - Adjust secondary parameter (see table below).

Modes	Primary Parameters			Secondary Parameters			
	knob 1	knob 2	knob 3	knob 1	knob 2	knob 3	knob 4
SPATIUM	Modulation	Decay	Level	Lows	Highs	Predelay	Panorama
SHIMMER	Shimmer	Decay	Level	Mode	Highs	Pitch	Panorama
PLATE	Modulation	Decay	Level	Lows	Highs	Predelay	Panorama
TREMBLE	Trem Speed	Decay	Level	Shape	Highs	Trem Depth	Panorama



## 6. Footswitches and LEDs



### TAP

-> bypass / engage

**HOLD** (when bypassed) for > 500 ms

-> engages momentarily

**HOLD** (when engaged) for > 500 ms

-> start parameter ramping.

### TAP

-> change preset (A <-> B)

**HOLD** for 1 second

-> enter tap-tempo mode: when tempo LED stops blinking you may tap in the new tempo\*.

\* Tap-tempo is applicable only in Tremble mode.

## Momentary Operation

< when bypassed > ~ Holding the Engage/Ramp button down for at least 1/2 sec triggers *momentary operation*, i.e pedal will revert to bypassed state when footswitch is released.

## Ramping

< when engaged > ~ Holding the button for at least 1/2 sec triggers *ramping operation* : a mapped parameters is ramped from its initial value to pre-configured final value, and stays at that final value for as long as the footswitch is held down. When switch is released the parameter gradually returns to its initial value.



## A/B - TAP switch Priority.

Priority for the A/B-TAP footswitch can be reversed in Global setting (see page 6 for details).

## 7. Saving Presets



1 Press and Hold both buttons

~ release the hold when the screen reads:



2 Tap the left button to save to preset A, or  
Tap the right button to save to preset B.

👉 If, after entering the Preset-Save scene, you change your mind and would like to exit without saving any changes, you can do so by :

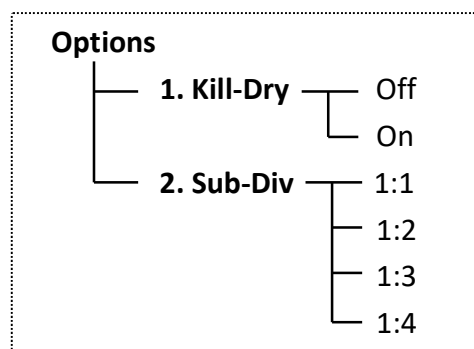
- Holding both buttons again for 2 seconds.
- OR
- Doing nothing for 5 seconds, you will automatically return to the main scene.

## 8. Options - options settings are specified on per/preset basis.



Tap the **MODES** button to enter Options menu.

Use the **MODES** knob/button to navigate around the menu.



## 9. Global Setting



Press and hold the MODES button for 2 secs to enter Globals menu.

Use the MODES knob/button to navigate around the menu.

### Globals

- 1. Input
  - Mono : input signal is mono
  - Stereo : input signal is stereo.
- 2. Dry Out
  - On : normal operation.
  - Off : dry signal is permanently off (useful when using the pedal as a send effect).
- 3. Tempo
  - Preset : use tempo as saved in preset.
  - Global : use global tempo.
- 4. Priority
  - A/B : Changing preset is priority.
  - Tap : Tap-tempo is priority.



The Priority setting determines how the A/B-Tap button behaves.

#### Priority set to A/B (default)

- Tapping the A/B-Tap button toggles between preset A and preset B.
- Holding the A/B-Tap button for 1 second enters tap-tempo mode where the button functions as tap-tempo button. The button reverts back its normal function as preset-change button after 2 seconds of non-activity on the button.

#### Priority set to Tap-Tempo

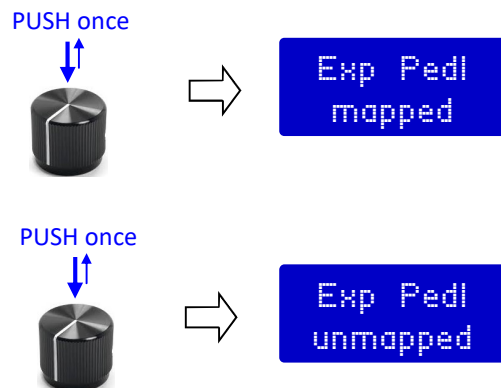
- Tapping the A/B-Tap button sets a new tempo.
- Holding the A/B-Tap button for 1 second toggles between preset A and preset B.

## 10. Expression / Ramping Setup

Up to 3 primary parameters may be mapped to the expression pedal / ramping function.



Push the knob's button to toggle the parameter mapping.



### Setting up the *Heel* and *Toe* values for expression pedal (and ramping function).

Suppose you want to map a parameter knob to the expression pedal or the ramping function :

- Turn the knob until you find the desired *Heel* value.
- Hold down the knob. After 2 seconds the screen will show the *Heel / Toe* information, keep holding the knob down.

Heel 20  
Toe 80

- Now turn the knob (while still holding it down) to find the desired *Toe* value. When you find it, release the knob.

The parameter is now mapped to the expression pedal. Rocking the expression pedal will sweep the mapped parameter to any value within the range specified by *Heel* and *Toe* values.

*Heel* position



*Toe* position



The *Toe* value set using the above procedure will also be the “end value” for the Ramping function. For ramping operation, the *Heel* value is not needed, the “base value” is effectively the ‘current knob position’.



Changes to the *Heel* and *Toe* values are automatically saved into the current preset.

## 11. Factory Reset



Press and hold the MODES button while powering up the pedal.

Keep holding until the screen reads:



Turn the MODES knob to select No / Yes, then push the MODES button to confirm - if you select Yes factory reset will be performed and then pedal will start as normal.

### Specifications :

- Input impedance : 1 MOhm.
- Output impedance : 1K Ohm.
- DAC / ADC resolution : 24 bits.
- Current consumption : ~110 mA.
- Weight : 0.6 Kg (1.6 lbs).
- Dimension : 12 (L) x 7.2 (W) x 5.5 (H) cm
- Power source : 9VDC (negative center).

### Key Features :

- 2 presets.
- 4 select reverb algorithms.
- Mono / Stereo input and output.
- Expression pedal and tap-tempo input.
- Momentary action supported.

Visit the product page at our website for more demo videos, sound clips, FAQs, and updates.

This product is designed and manufactured by :



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