

# FLOW 's



illustrations on your tone™

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illustrations on your tone™

Complete your own music with  
beautiful illustrations on your tone.  
That's the reason behind "illuston".

Quality components, handy features, sturdy build,  
and most importantly, beautiful sound.

Everything is possible.

True-Stereo processing  
Wide dynamic range up to +4dBu  
True-Bypass or Buffer-Bypass with Trails Mode  
Expression/Tap pedal connection  
8 types of effect model for the perfection  
Saving your tones up to 8 presets

## Troubleshooting / Maintenance

- **There's no sound.** Check cable connections. Your instrument should be connected to the input on the right side of the pedal, while the amplifier/sound system should be connected to the output on the left. Check to see if the output level of your instrument is adequately high.
- **Unintended distortion is heard.** In case you connect an instrument with a high gain (such as a synthesizer), it can surpass the maximum input level of +4dBu resulting in distortion. Please adjust the instrument's output to an adequate level.
- **Problems with an external power.** The pedal needs to be used with a power adapter that outputs constant 9V DC and can handle at least 150mA of current. The polarity of the power jack is center-negative and the power adapter must be corresponding.
- **None of these works, help me!** Please reach out to customer service at <http://www.illuston.com>.

## SPECIFICATIONS

- **Input/Output** ¼" Phone Jacks - Stereo (2-Channel) Audio Input/Output and Expression/Tap Input
- **Input Impedance** 1MΩ
- **Output Impedance** 600Ω
- **Signal-Noise Ratio** 95dBa typical working
- **Frequency Response** 20Hz ~ 20kHz
- **Max Input Level** +4dBu
- **A/D & D/A** 24-bit / 48kHz
- **DSP arithmetic** 32-bit processing
- **Bypass Switching** True-Bypass or Buffer-Bypass with Trails Mode (Selectable)
- **Dimensions** Width 124mm x Depth 104mm x Height 38mm
- **Weight** 560g (not including battery)

## POWER SUPPLY

- **Output Type** 9V DC / 150mA / Center Negative
- **Current Draw** 70mA

## 8 Presets to Save Your Favorite Settings and Call them Right Back

Save your own settings to presets **1** ~ **8** and use them instantaneously when jamming.

- Turn the rotary encoder in the center to choose the effect model of your choice.
- Adjust the 4 knobs above to create the perfect sound.
- Push down on the rotary switch for 2 seconds and the LED will start to blink.
- Turn the rotary encoder to any of the preset position **1** ~ **8**.
- Press the rotary switch again and the current sound will be saved in the selected position.
- Use **PRESET** ↑ / **PRESET** ↓ switch to shuffle through and activate the preset of your choice.

※ On pressing **PRESET** ↑ / **PRESET** ↓ switch, The **PRESET** LED on the bottom left face will light up to indicate that you are in the preset mode.

※ The preset positions of **1** ~ **8** are independent from the effect models written next to them. That is, you can save any effect model to any preset number that you want.

## Changing Pedal Mode

Powering on with <b>PRESET</b> pedal engaged	No.	<b>PRESET</b>	<b>EXP</b>
will let you	<b>1</b>	<b>PRESET</b> ↑	<b>PRESET</b> ↓
modify the pedal mode. The unit will cycle through the above settings. The initial setting is at <b>2</b> . While <b>PRESET</b> pedal stays down, the LED will light up among <b>1</b> <b>2</b> to indicate the current mode.	<b>2</b>	<b>PRESET</b> ↑	<b>TAP</b>

modify the pedal mode. The unit will cycle through the above settings. The initial setting is at **2**. While **PRESET** pedal stays down, the LED will light up among **1** **2** to indicate the current mode.

- **PRESET** ↑ Functions as a preset-up switch. Every press will change the current preset **1** ~ **8** in increasing order.
- **PRESET** ↓ Functions as a preset-down switch. Every press will change the current preset **1** ~ **8** in decreasing order.
- **TAP** Functions as a tap time switch. The interval between two consecutive taps will set the **SPEED**.

## 4 Control Knobs Allow for Fine Tuning

- **SPEED** Changes the modulation speed/rate. Clockwise direction increases the speed. The LED on the left blinks to indicate the modulation time.
- **DEPTH** Sets the depth and width of the modulation effect. At 5 o'clock, the effect will show the largest variation.
- **INTENSITY** Depending on the effect model, this will adjust the intensity of the feedback/emphasis/waveform. Exceptions that are not affected by this knob are: **CHORUS**, **FILTER**, **VIBRATO**.
- **LEVEL/MIX** Adjusts the balance between the level of the modulation effect and the original signal. Pointed straight up at 12 o'clock sets an equal ratio of 1:1.



## 2 Foot-pedal Switches that can be Employed immediately during Play

- **ON** Turns the effect on and off. When the LED is lit up, the effect is functioning, and when it is off, you are in bypass mode.
- **PRESET** Functions as a preset-up **PRESET** ↑ switch. Every press will change the current preset **1** ~ **8** in increasing order.

## Connecting an External EXP Pedal for Extra Functionality

The **EXP** connector can accommodate an external switch or expression/volume pedal. Make sure to turn off the power before connecting an external pedal.

Depending on the maker of the pedal, the polarity may be different, so please check beforehand for compatibility.

- **Switch Pedal** : Can be set to **TAP** switch or **PRESET** ↑ switch.

Please refer to "**Changing Pedal Mode**".

- **Expression/Volume Pedal** : With this, you can adjust a selected parameter, one of the 4 control knobs.

Please refer to "**Choosing an EXP Parameter**".

	<b>Switch Pedal</b>
Tip	Signal
Sleeve	Ground

※ When switch is engaged, Tip and Sleeve are in contact.

	<b>Expression/Volume Pedal</b>
Tip	Signal
Ring	Voltage
Sleeve	Ground

## Choosing an EXP Parameter

If you power the unit up while pushing down on the central rotary switch, this will allow you to change **EXP** setting. You can map the expression/volume pedal to one of the 4 control knobs. The unit will cycle through the controls as long as the rotary switch remains pressed, with the LED **3** **4** **5** **6** indicating the selection of each of the corresponding knobs. Let go when the desired parameter is selected.

※ This is only for when you have an expression/volume pedal to **EXP** connector.

## 8 Effect Models to Bring the Sound in Your Heart

Select the desired effect with the rotary encoder in the center.

- **CHORUS** A chorus effect that brings a warm abundance.
- **FLANGER** A vintage flanger that reminds you of a jet fighter.
- **ROTARY** This effect reproduces the unique and wonderful sound of a rotating leslie speaker.
- **PHASER** Adds some originality to your jam with the odd sensation brought on by off-sync phases.
- **FILTER** A soft and slow filter that will make you feel the sense of "wah-wah".
- **AUTO-PAN** Panning between left and right makes its mark especially when you're playing chords.
- **TREMOLO** From a vintage tube tremolo to a modern FET tremolo, try them all by turning the **INTENSITY** knob.
- **VIBRATO** Just the right amount of pitch vibrato will bring liveliness to your tones.

## Selectable Bypass Modes

The switch on the right lets you select the bypass mode of your choice.

- **TRUE BYPASS** The signal passes as if there was nothing on the way.
- **TRAILS MODE** Provides a low impedance buffer bypass.