

# PXL-PRO User Manual

## INTRODUCTION

Thank you very much for purchasing PXL-PRO Professional Pedal Controller! Please be sure to read this user manual and learn how to operate properly before using PXL-PRO.

### Precautions ▲

1. To avoid breakage, do not apply excessive force to the switches or controls.
2. If the exterior becomes dirty, wipe it with a clean, dry cloth. Do not use liquid cleaners such as benzene or thinner, or cleaning compounds or flammable polishes.
3. Do not place this product in humid surroundings, in case of damages to internal circuits.
4. Do not exceed the voltage limit at DC 9V; otherwise it will cause damage to this product.
5. Please purchase power adapter separately.
6. Please use power adapter of 500mA or higher OUTPUT, to ensure normal function of PXL-PRO.
7. Please wire all effect pedals and plug in before open amplifier, to avoid current surge caused to your amplifier.
8. Please make sure the polarity of your power adapter is the same as this product casing printed, any error on power polarity would cause damage to this product.
9. Do not dispose of this product along with your household trash. By disposing of this product correctly, you can avoid environmental harm or health risk. The correct method of disposal will depend on your locality, so please contact the appropriate local authorities for details.

**WARNING:** Use of this product in any country other than that for which it is intended could be dangerous and could invalidate the manufacturer's or distributor's warranty. Please also retain your receipt as proof of purchase otherwise your product may be disqualified from the manufacturer's or distributor's warranty.

### Brief Introduction of PXL-PRO

PXL-PRO is a new programmable and storable looper specially designed for more advanced users based on the previous generation PXL4/8. Maintaining the effects grouping function as that of PXL4/8, PXL-PRO offers maximum storage of 32 effects sets that can be switched quickly and easily. PXL-PRO is upgraded to a dual four-channel design so that effects can be separately connected in preamp LOOP and poweramp LOOP. Moreover, it is equipped with four built-in programmable triggers, which allows you to combine Amps, Effects and the instrument into a small performance system, and you can easily control the external Amps.

#### Dual 4-Channel Design

PXL-PRO can be set as one single 8-Channel LOOP or dual 4-Channel LOOPS. Under dual 4-Channel LOOP setting, you can connect effects like wah-wah, overdrive, boost, and then connect LOOP1 to amplifier (amplifiers with build-in effects, such as Marshall DSL50) input jack. LOOP2 can be connected with effects like reverb, delay, and then be output to LOOP jack of your amplifier.

#### Four Programmable Triggers

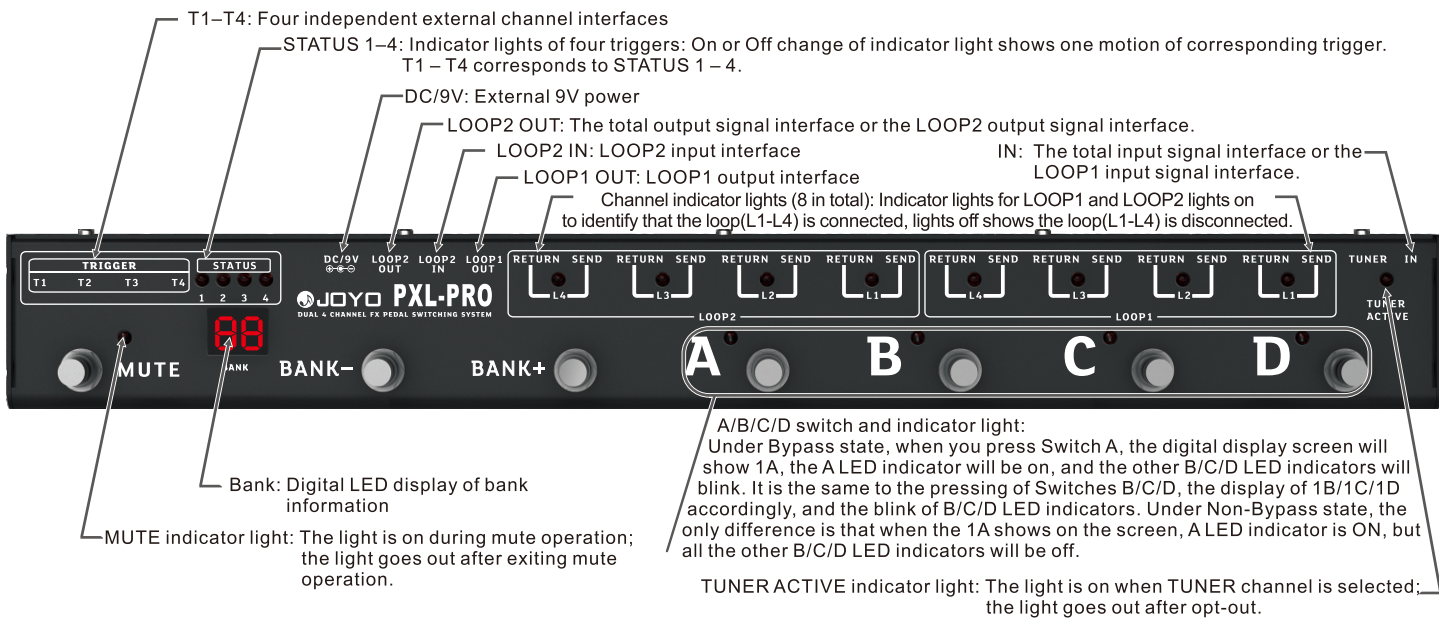
Trigger, equivalent to a switch for external devices, is used to trigger external devices and achieve certain functions. Trigger functions can be realized in two modes: the MOM mode and the LATCH mode. Under the MOM mode, the relay instantly makes the pull and release action; and under the LATCH mode, the relay will be in a transition state and remain unchanged until the arrival of the next command. Triggers can be set in polarity: Normally Open or Normally Closed. For specific mode you need, please refer to your device's manual.

- \*Polarity
- \*Motion Pattern
- \*Motion of T1-T4 – sending preset signal or not sending signal from Bypass to Non-bypass.
- \*Motion of T1-T4 – sending preset signal or not sending signal from Non-bypass to Bypass.

With the above features, assisted by LOOP1 and LOOP2, your amplifier and effects can be used as a small performance system. All channels and effects switches can be simply operated by PXL-PRO.

The following text will focus on the operation instructions of PXL-PRO.

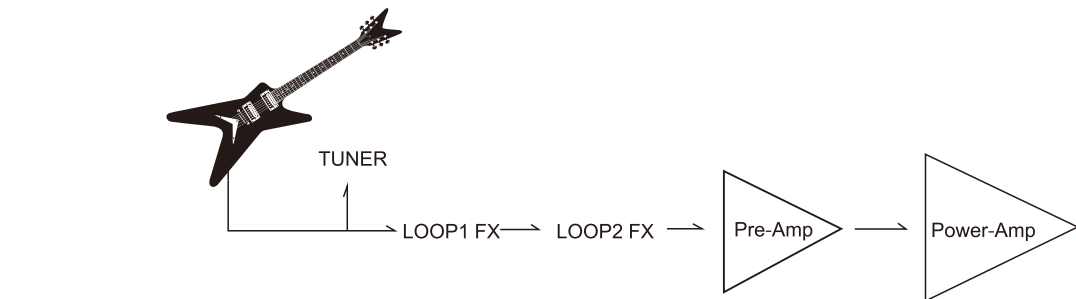
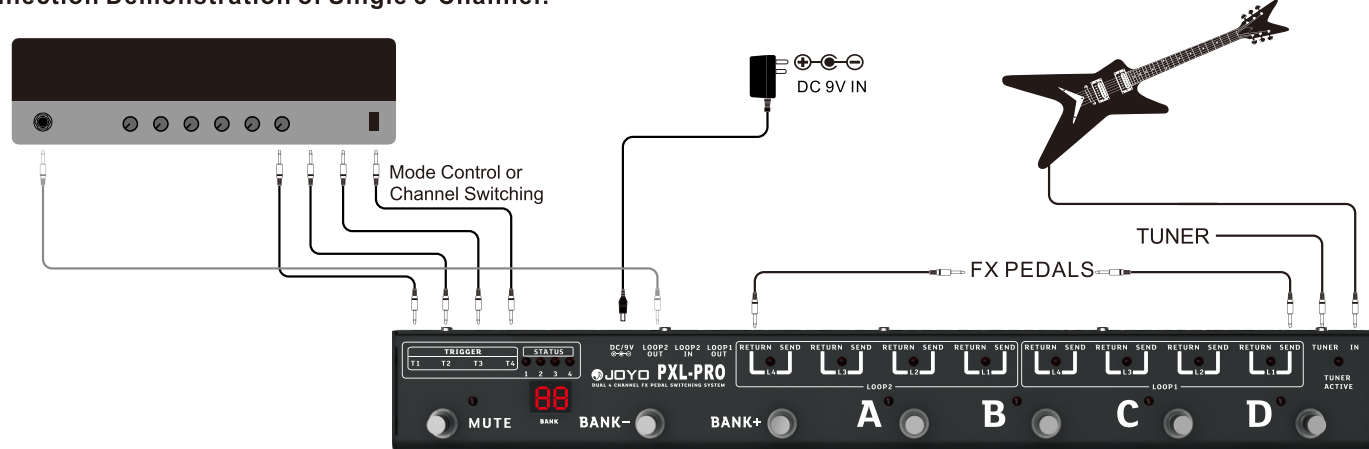
### Control Panel:



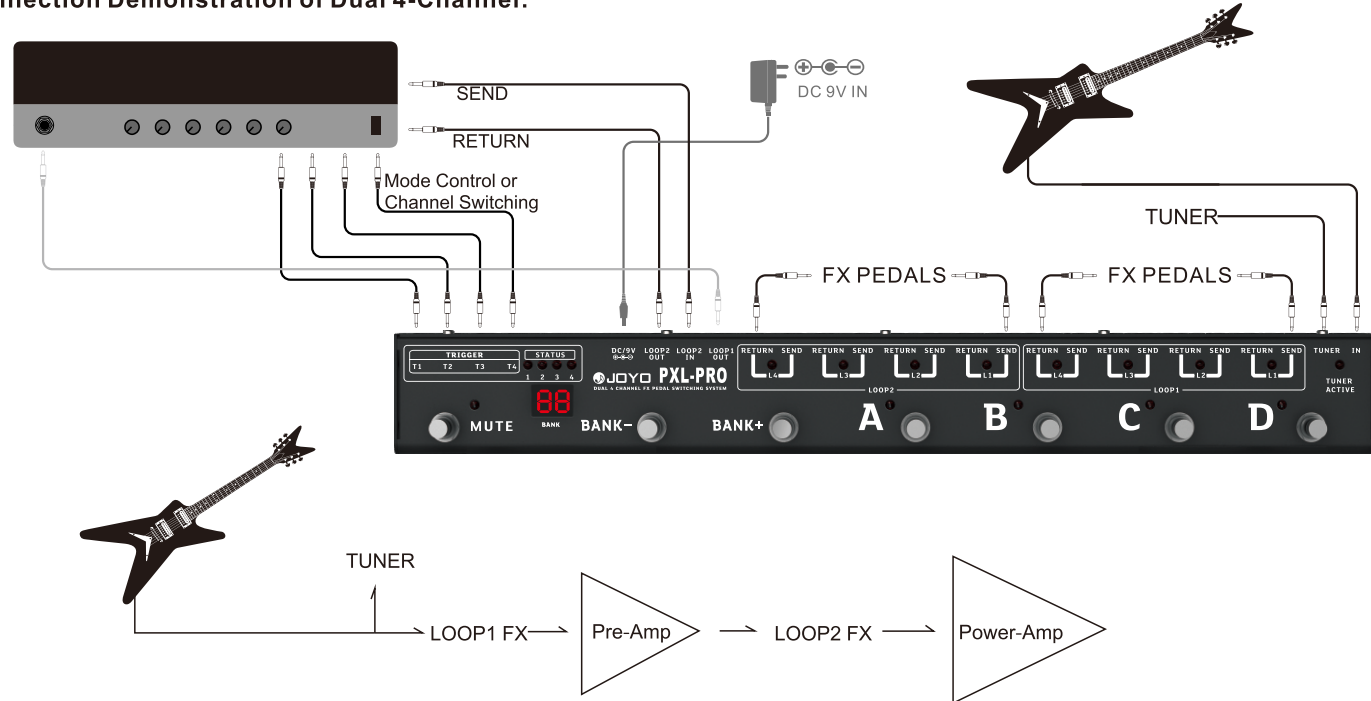
### Instructions:

1. When using signal input from the IN and output from LOOP2 OUT, all 8 channels start function, and then PXL-PRO works in a single 8-Channel mode. When using the signal input from the IN and LOOP2 IN, output from LOOP1 OUT and LOOP2 OUT, PXL-PRO works in a dual 4-Channel LOOP mode, and these two LOOPS are completely independent from each other.

#### Connection Demonstration of Single 8-Channel:



#### Connection Demonstration of Dual 4-Channel:



2. Under Bypass state, all channels of LOOP1/2 are directly connected without signals passing through effect pedals. While under Non-Bypass state, the signals flow through chosen channels of LOOP1/2.

### Operation Instructions:

#### A: Tuning and Mute operation

Under Non-Edit mode, step MUTE switch to open the TUNER port and start tunings with TUNER ACTIVE indicator lights on. Step MUTE for the second time to shut down LOOP1 OUT and LOOP2 OUT, and achieve mute tuning with TUNER port working and MUTE indicator lights on. Step MUTE switch for the third time to exit tuning mode and re-open LOOP1 OUT and LOOP2 OUT, with both MUTE and TUNER ACTIVE indicator lights go out.

#### B: BANK Switches

Under Non-Edit mode, step BANK +/- to switch between Banks (1-8). The bank settings will not be updated until your press of A/B/C or D switch. During banks 1-8 switching, the digital display LED will show NO. 1-8 and present group NO. (A/B/C or D), like 1A, 3C, etc.

#### C: Edit Operation

##### 1) Edit Modes and Edit Options

Under Non-Edit mode or Non-Bypass state, press MUTE and hold more than one second to enter Edit Mode, with digital LED displays "EH". Then edit BANK +/- to operate the following items:

- EH: Edit 4 channels of LOOP2
- EL: Edit 4 channels of LOOP1
- Et: Edit 4 triggers T1-T4 under Non-Bypass
- Eb: Edit 4 triggers T1-T4 under Bypass
- En: Edit working modes of 4 triggers T1-T4: M mode (MOM) and L mode (LATCH). Please refer to the manual of your devices when choosing working mode.
- EP: Edit polarity of 4 triggers T1-T4: Normally Closed or Normally Open. Please refer to the manual of your devices when choosing polarity.

In the following texts, we further elaborate upon the editing of the above mentioned items.

##### 2) Edit LOOP Combination

Under Edit mode, press BANK +/- to enter EH or EL (refer to chapter A) status. Here we will illustrate EL only as the operations of these two LOOPS are the same. When the screen shows EL, please open or close one channel by operating A/B/C/D:

- A: L4 B: L3 C: L2 D: L1

Each press of A/B/C/D switch would either open or close the corresponding channel L4/L3/L2/L1, with indicator light on or off accordingly. You can get your preferred effects combinations by switches operations.

**Note:** This operation guide is also suitable for LOOP2. If you want to save the changes or exit without saving, please refer to chapter D.

##### 3) Edit Trigger

The editing of triggers should be proceeded under the following order (If you are quite familiar with the whole operation, you can skip to your specific editing part).

EP>En>Et>Eb

**Note:** The EP, En, Et, Eb is referenced detailedly in Part Three.

**a) EP:** Press BANK +/- till digital LED displays EP, and then adjust the polarity of T1-T4. Please check four indicator lights of T1-T4 accordingly, with light on and off correspondingly showing two polarities: Normally Closed and Normally Open. Please operate A/B/C/D to adjust corresponding trigger's polarity:

- A: T1 B: T2 C: T3 D: T4

For instance, to operate the polarity of T1, please press switch A, and adjust according to indicator light of T1, i.e. light on shows Normally Closed polarity and light off shows Normally Open polarity.

After the edit, you can operate the BANK +/- to adjust next item or exit (long press MUTE to save settings, or light press MUTE to exit without saving).

**b) En:** Press BANK +/- till the digital LED displays En, and then adjust the operating modes of T1-T4. Please check four indicator lights of T1-T4 accordingly, with light on and off correspondingly showing MOM mode and LATCH mode. Please operate A/B/C/D to adjust corresponding trigger's modes:

- A: T1 B: T2 C: T3 D: T4

For instance, to set the mode of T1, please press switch A, and adjust according to indicator light of T1, i.e. light on shows MOM mode and light off shows LATCH mode.

After the edit, you can operate the BANK +/- to adjust next item or exit (long press MUTE to save settings, or light press MUTE to exit without saving).

**c) Et:** Press BANK +/- till the digital LED displays Et, then adjust the 4-channel under Non-Bypass state. Please check four indicator lights of T1-T4 accordingly, with light on and off correspondingly showing connect or disconnect external devices. Please operate A/B/C/D to adjust corresponding triggers:

- A: T1 B: T2 C: T3 D: T4

For instance, to set T1, please press switch A, and adjust according to indicator light of T1, i.e. light on shows turn on external equipment and light off shows turn off external devices.

After the edit, you can operate the BANK +/- to adjust next item or exit (long press MUTE to save settings, or light press MUTE to exit without saving).

**Note:** The above mentioned turn on and turn off is a relative definition. For example, you can use light ON to show Amp overdrive tone, OFF shows Amp original sound. Under this circumstance, ON and OFF simply shows a state.

**d) Eb:** In a performance system with speaker and effects, the PXL-PRO triggers will facilitate your operation of Non-Bypass to Bypass transfer, and you can control the amplifier under Bypass state. Press BANK +/- till the screen shows Eb, to control the operation of T1-T4 LOOP under BYPASS. Please check four indicator lights of T1-T4 accordingly, with light on and off correspondingly showing turn on or turn off of the amplifier. Please operate A/B/C/D to adjust corresponding triggers:

- A: T1 B: T2 C: T3 D: T4

For instance, to set T1, please press switch A, and adjust according to indicator light of T1, i.e. light on shows turn on external equipment and light off shows turn off external equipment.

After the edit, you can operate the BANK +/- to adjust next item or exit (long press MUTE to save settings, or light press MUTE to exit without saving).

##### 4) Exit Edit Mode

MUTE switch is used to exit Edit mode with or without saving.

###### 1.Exit Edit mode after saving:

Under Edit mode, press MUTE switch and hold for more than 1 second to save current settings. After this, PXL-PRO would automatically return to normal operating mode, and the digital LED displays current BANK information.

###### 2.Cancel current settings and exit Edit mode without saving:

Under Edit mode, press MUTE switch to restore all parameters before editing, and current settings will not be saved in internal memory. After this, PXL-PRO would automatically return to normal operating mode, and the digital LED displays current BANK information.

### Technical Parameters:

BYPASS Type	: BUFFERED BYPASS
Power Consumption	: 240mA@ DC 9V
Channels	: 4LOOPSx2
Other Controls	: Trigger x 4
Weight	: 1.68kg
Dimension	: 54.1X6.7X5.3cm



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