

# MOOER

## **L6 MK II** **PEDAL CONTROLLER**

### **Quick Start Guide**

**MOOER**  
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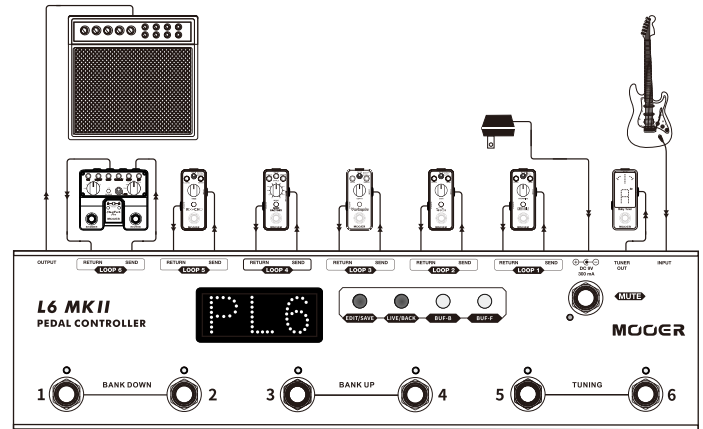
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MADE IN CHINA



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This is a quick guide. For more detailed manual, please enter [www.moeraudio.com](http://www.moeraudio.com) to download.  
If you need any help and tech support, please contact: [support@moeraudio.com](mailto:support@moeraudio.com)

# Connection



# Specification

**Input:** 1/4" monaural jack (impedance: 2M Ohms)

**Output:** 1/4" monaural jack (impedance: 4.7k Ohms)

**Power Requirements:** AC adapter 9V DC (center minus plug) 300mA, MOOER Power Supply is recommended

**Current Draw:** 300mA

**Dimensions:** 370mm (D) x 97mm (W) x 54mm (H)

**Weight:** 1.15kg

**Accessories:** Owner's Manual

## FACTORY RESET

**WARNING:** This will erase all saved presets!

While in PLAY mode, simultaneously press and hold the EDIT/SAVE button and the LIVE/BACK button for at least 5 seconds. This will reset all of the saved presets to the factory default settings.

## BUFFERS

The L6 MKII has two available signal BUFFERS. These can be engaged or disengaged using the dedicated buffer buttons - BUF-B and BUF-F. The purpose of buffers is to reduce the impedance caused by instrument cables which result in a loss of tone and signal. If neither buffers are engaged, the L6 MKII will operate in true bypass.

BUF-F is a pre-position Buffer. This will provide a signal buffer between the instrument and the input of the L6 MKII.

BUF-B is a post-position Buffer. This will provide a signal buffer from the output of the L6 MKII to the input of your guitar amplifier or other sound equipment.

This is ideal for driving the signal through long guitar cables.

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# Precautions

**\*PLEASE READ CAREFULLY BEFORE PROCEEDING \***

## Power Supply

Please connect the designated power cable to an AC outlet of the correct voltage.

Unplug the power cable when not using or during electrical storms.

## Connections

Always disconnect the power of the L6 MKII and all other equipment before connecting or disconnecting. This will help prevent malfunction or damage to other devices. Also make sure to disconnect all connection cables and the power cord before moving this unit

## Location

To avoid deformation, discoloration, or other serious damage, do not expose this unit to the following conditions

- Direct sunlight
- Heat sources
- Magnetic fields
- Extreme temperature or humidity
- Excessive dusty or dirty location
- High humidity or moisture
- Strong vibration or shock

## Interference with other electrical devices

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions

## Cleaning

Clean only with a soft, dry cloth. If necessary, slightly moisten the cloth. Do not use abrasive cleanser, cleaning alcohol, paint thinners, wax, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

## Handling

Do not apply excessive force to the switches or controls  
Do not allow paper, metal, or any other foreign objects to enter inside of this unit.  
Take care not to drop the unit, and do not subject it to shock or excessive pressure.



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# Instructions

## INITIAL STARTUP

When the L6 MKII is first powered up, its default mode is PLAY mode and the LED display will read P-1-1 (Play mode – Bank 1 – Preset 1). To activate Live mode, simply press the LIVE/BACK button once. To return to PLAY mode, simply press the LIVE/BACK button once.

## Preset Editing

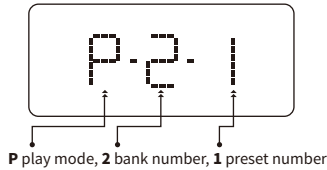
**EDIT:** To edit a preset while in PLAY mode, simply navigate to the bank and preset you wish to edit. Press the EDIT/SAVE button once to enter edit mode. The LED display panel will read E followed by the selected bank and preset number (If bank 2, preset 3 will be selected and the display will read E-2-3) Simply engage and disengage the desired loops by pressing the corresponding footswitch number from 1-6.

**SAVE:** After editing your preset, you can save it in any preset slot you desire. Simply press the EDIT/SAVE button while in EDIT mode. The LED display panel will then read S- followed by the current bank number and preset number. Select the destination bank and preset number you wish to save your newly edited preset to. Simultaneously press footswitch 1+2 or 3+4 to navigate down and up through the banks and then press a single footswitch from 1 to 6 to select the destination preset. The LED display panel will display the bank and preset destination you have selected. To save the preset, simply press the EDIT /SAVE button once more.

If you wish to cancel saving and return to EDIT mode, press the LIVE/BACK button once. To exit out of EDIT mode and resume normal operation of the L6 MKII press the LIVE/BACK button once.



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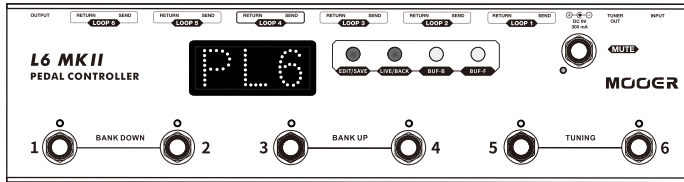
## LIVE mode

In LIVE mode, the operation of the L6 MKII is similar to a traditional pedalboard. Each numbered footswitch controls the engagement and disengagement of its corresponding loop number (Footswitch 1 controls loop number 1. Footswitch 2 controls loop number 2, etc.)

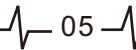
When a loop is engaged, the corresponding backlit loop display panel will illuminate brightly. When the loop is disengaged the backlit loop display panel will become dark.

To activate LIVE mode, simply press the LIVE/BACK button. The LED display will read PL6 to confirm that the L6 MKII is in LIVE mode

## TUNER mode



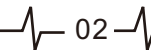
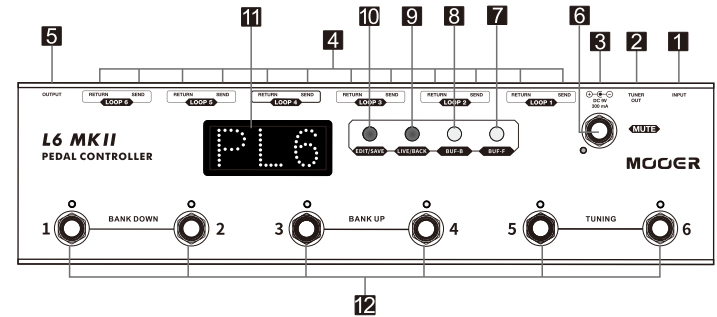
To access the built-in tuner, simultaneously press footswitch numbers 5 and 6. This will mute the master output of the L6 MKII and the LED display panel will become an easy-to-read guitar tuner.



# Main Features

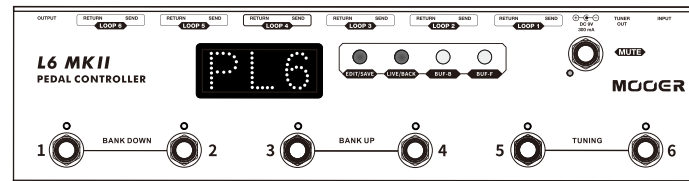
- Programmable loop switcher with 6 loops.
- The L6 MKII has a pre-position buffer (BUF-F) and post-position buffer (BUF-B) available for activation which will minimize signal attenuation and result in minimum tone loss in the guitar signal.
- Two modes of operation: PLAY mode and LIVE mode. This allows the user the option of utilizing the footswitches to recall up to 36 saved presets or activate pedal loops individually in a traditional manor.
- Footswitch LED for each loop make it fast and easy to see which loops are activated.
- Dedicated MUTE footswitch.
- Includes built-in tuner and supports external tuner.

# Layout



- 01 **INPUT Jack:** ¼" audio jack input for connecting instruments.
- 02 **Tuner Jack:** ¼" audio output jack to connect tuner.
- 03 **DC IN Jack:** Input jack for the L6 MKII's power supply.
- 04 **Loop Jack 1-6:** ¼" input and output audio jacks for connecting effects pedals.
- 05 **Output Jack:** ¼" audio output jack for connecting the L6 MKII to an amplifier or other audio equipment.
- 06 **MUTE FOOT SWITCH:** Dedicated footswitch for muting the pedalboard.
- 07 **BUF-F:** Activation button for the pre-position buffer. BUF-F is situated in front of the first loop.
- 08 **BUF-B:** Activation button for the post-position buffer. BUF-B is situated behind the last loop.
- 09 **LIVE/BACK:** During operation this button activates Live mode. When editing a preset, this button also cancels the save function.
- 10 **EDIT/SAVE:** This button is used to edit and save presets.
- 11 **LED display screen:** This will display the mode, bank, preset number and other various states of the L6 MKII unit.
- 12 **Footswitches 1-6:** Controls for switching presets, activating or de-activating individual pedals, changing banks, and operating the tuner output.

# Modes



There are 2 modes of operation available on the L6 MKII: LIVE mode and PLAY mode.

## PLAY mode

PLAY mode is the default operation mode on the L6 MKII. In this mode, the user can save and recall up to 36 preset configurations, allowing simultaneous engagement/disengagement of multiple loops with the press of one footswitch. The L6 MKII has 6 banks with six presets in each bank.

**Navigating Banks:** Simultaneously press footswitch number 1 and 2 to change the bank down. Simultaneously press footswitch 3 and 4 to change the bank up. **Selecting Preset:** After navigating to the chosen bank, press one footswitch from number 1-6 to recall the desired preset.

Refer to the INSTRUCTIONS section of this manual for directions on editing and saving presets.

Please see the diagram for a description of the display in PLAY mode.