

# *MIC CUT II*

Operating Instructions

**Lock & Rock™**

**Street Smart Guitar Effects**

**By Brannon Electronics, Inc.**

March 2004

### **Connections**

Input - Micphone connection, input to the Mic Cut

Output - Output to Amplifier

Power - External power connection 9 to 12VDC , negative center  
(protected from reverse polarity).

Internal 9 volt battery may be used in lieu of external power source.

### **Settings and Indications**

MIC 1 - RED/ GREEN LED

MIC 2 - RED/BREEN LED

LED flashes for ½ second each 5 seconds  
indicates Low Power Mode. (this mode of operation lowers  
the power consumption and extends battery life).

**Note:** Low Power Mode is always entered on power up.

Any LED flashing two times per second indicates a Low battery.

Any LED flashing four times per second indicates a Low Low battery.

**Note:** *During Low battery, the flashing LED will be the LED of the  
current selection.*

### **Key Features**

Toggle MIC on/off\*  
Two XLR locking connectors  
Different Color LED for MIC on/off\*  
Internal Battery or External Powered  
Low Battery Detection\*  
Low Low Battery Detection\*  
Low Power Consumption Mode\*  
Locks together with other Lock and Rock pedals\*

### **Operating Instructions**

The MIC CUT II 3 provides you many combinations of an input - output selection. The color coded LEDs give you positive indication of the A B currently selected.

*Simple Operation: **Stomp switch to change settings.**  
Switches are operate on release.*

\*These are Street Smart Features

You will quickly realize that the **changes are made when the switch is released** (not when it is pressed down). You will also notice that the switch has a different feel than the normal snap type stomp switches.

### MIC Controls

To mute the Microphones just simply press the LEFT or RIGHT stomp switch. Each time the RIGHT switch is pressed the pedal will toggle Mic 2 on/off. Each time the LEFT switch is pressed the pedal will toggle Mic 1 on/off. Normally the bicolor LED is RED for MIC muted and GREEN for mic Hot (on).

**Note:** If the Mic Cut II is in the low Power Mode the first stomp will set the pedal to normal power.

**Left Switch – MIC 1      Right Switch – MIC 2**

### Optional Operational Modes

Alternate operational modes may be selected by setting the internal DIP switches. To access the DIP switches, open the pedal as if you were going to change the battery. You will see the DIP switch on the lower center of the printed circuit board.

Normal operation is selected by switches being set to the open (off) position (factory default).

Switch 1 closed (on) **REVERSE LED Color** In this mode the color of bicolor LEDs are reversed. (Red mic is Hot, Green is mute)

Switch 2 closed (on) **LOW POWER OPERATION** In this mode the pedal always operates in a low power mode. Instead of the LEDs being ON to indicate the settings, the appropriate LEDs will flash ON each five seconds. You will still see the valid selection when pressing a switch.

*Switch 3 closed (on) not used*

### **Low Battery Detection**

The pedal monitors the battery voltage level and notifies you when approximately 20 hours of battery life is left. A low battery is indicated by the LED's flashing at a rate of twice per second as opposed to being on solid. The active channel LED's will be the one that flashes. This low battery detection gives you advanced warning that you need to change the battery soon. This keeps you from having to change a battery at an inconvenient time. The battery is a standard 9V type. The pedal also senses a LOW LOW battery, this is when approximately 5 hours of battery life is left. This low low battery is indicated by the LED flashing at a faster rate of approximately 4 times per second. The amount of battery life left may vary somewhat based on the type of battery. Also, the pedal has been designed to consume the same amount of power at all settings (except standby). This relieves you of worry about how fast the battery is being drained while at different settings.

*Low battery operation has no effect on the operation of the Mic Cut II. After operation of a few hours in the Low Low battery mode you might start to hear some distortion.*

*When using a battery, the XLR input jack functions as a power switch. When an microphone is plugged into the Input jack the unit will power up into the Low Power Mode. When the plug is removed the power will be turned off. (it may take a few seconds for the power to go off)*

Anytime the external power is connected, the internal 9V battery will be disconnected, and the pedal is powered up. Plugging or unplugging the microphone will have no effect on the pedal and its operational mode. When using External Power it is not required that a battery be installed. As soon as you connect a 9 to 12 V DC power adapter, the pedal will power up. (Center pin of 2.1mm plug is V- or ground.)

### **Changing Battery**

To change the battery, turn the MIC CUT II upside down and remove the four screws that hold the rubber feet. Lift and remove the bottom cover. You will see the battery retainer. Remove the old battery and replace with a fresh 9V battery. Replace the cover and reinstall the rubber feet and screws. Dispose of the old battery in a proper manner. The battery holder used is one for severe shock and vibration and requires a slight force to remove and install the battery.

**Note:** If the Mic Cut is locked to other pedals, the locking bracket does not need to be removed to change the battery.

### **Locking to other pedals**

Lock and Rock pedals have the ability to lock together and therefore possibly save the trouble of using a pedal board. The bottom of the pedal has four 6-32 screws that allow pedals to lock together, when using the SLIDE LOCK bracket. Supplied screws are 3/8 inch in length. Also, an optional T handle is available to allow easy and convenient carrying of the pedal. The T handle locks to the pedal by using the screws in the bottom of the pedal. (screws are provided with the slide lock or T handle brackets)

### **Cleaning**

To clean the pedal wipe with a soft, dry cloth or a cloth that has been slightly dampened with water. If required, for better cleaning, use a mild, non-abrasive detergent. Never use abrasives or solvents for cleaning, to avoid the possibility of discoloration or scratches. The pedals are made of Aluminum for durability and strength and then powder coated.

### **Cautions**

Protect the pedal from strong impacts. Do not allow objects or liquid to penetrate into the pedal. *Before connecting or disconnecting any cords it is always a good idea to set your volume controls to the minimum to help prevent any damage to system components.*

***MIC CUT II PEDAL***

Inputs /Outputs.....Mic 1, Mic 2 XLR Locking  
Mode.....toggle on/off  
LED's.....Two Bicolor for indications  
Dimensions..... 5.75 W x 6.25 D x 2.25 H inches (approx.)  
Weight..... 1 ¼ lbs (approx.)  
Power Supply.... 2.1 mm jack, 9 to 12VDC, Center negative  
Accessories..... Operation manual, Warranty registration card  
  
Options..... Locking bracket, T handle

**NOTE:** Professional Musicians - Changes can be made to the product if required in order for the operation and settings to better suit your needs. These changes can usually be made for a very small fee. Contact us for any special requirements you might have, or to discuss available options.

Note: *The specifications, operation and/or appearance of the Mic Cut II are subject to change without prior notice, in the interest of product improvement.*

For warranty service contact dealer  
or [www.lockandrock.com](http://www.lockandrock.com)

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