

MIDI Rocker LX/MIDI OUT Option Supplement

For Firmware Version 2.4. Date: 11/25/12

This guide describes the specifics of using the MIDI Rocker LX with the MIDI OUT option. You should still refer to the MIDI Rocker LX User's Guide for information on programming the MIDI Rocker, using the software, updating the firmware etc...

The **MIDI OUT Option** allows you to use the MIDI Rocker LX as a "MIDI Note converter" so that you can use it with the MIDI Input on a **Guitar Hero World Tour (GHWT) drum controller**. The GHWT drum controller expects a specific MIDI note to be sent to activate a given "note color" or "lane" in the game, and so it will not work with drum kits which don't output the expected MIDI notes. With the MIDI OUT Option, the MIDI Rocker LX can convert any MIDI notes "on the fly" into the values required by the GHWT controller.

In addition, the LX automatically filters out the extra data which can cause "double-hit" issues with some drums (especially Roland drums on the Wii).



MIDI OUT Option

Connecting the LX with MIDI OUT to Play Guitar Hero

Depending on which game(s) you are playing you should hook up the LX as shown below:

Wii Option 1 - MIDI Rocker Only

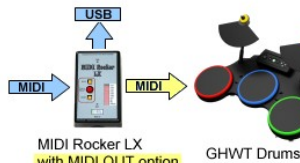


Wii

Game	Compatibility
Rock Band - any version	Fully Compatible
Guitar Hero Band Hero, Hero 5	Partially Compatible*
Guitar Hero World Tour, Metallica, Van Halen, Smash Hits	NOT Compatible

*Acts like a Rock Band controller. Game will only use 4 note "lanes" (no orange cymbal).

Wii Option 2 - MIDI Rocker with GHWT Controller



Wii

Rock Band - any version	Partially Compatible**
Guitar Hero - any version	Fully Compatible

** Acts like a RB1 controller. You can load different firmware and use without GHWT controller for full Rock Band compatibility.

NOTE: Even when using the LX/MIDI OUT with the GHWT controller, you still need to plug in the USB for the LX to get power.

Be sure the LX is in the proper game mode for the configuration you are using. Hold the navigation switch LEFT when plugging in the LX to switch to Rock Band mode, hold it to the RIGHT to switch to Guitar Hero mode. It will remember the last-used mode when first starting up. See the User's Guide for more information on switching game modes.

Special Instructions for Using MIDI OUT

The MIDI OUT version of the firmware is specially designed for use with the MIDI OUT Option, and while it operates almost identically to the normal firmware, there are some differences you should be aware of:

- You still need to plug the LX into a USB port or USB charger for it to get power. If playing a Guitar Hero game, and you plug it into the Wii, the game may get confused and think you are using a Rock Band controller, so it is recommended you plug the LX into a USB charger when playing a Guitar Hero game.
- When using the LX with a GHWT controller, the START, BACK and navigation buttons on the LX cannot be used to navigate the Guitar Hero game menus – use the buttons on the GHWT controller.

MIDI OUT Note Translation

When playing in Guitar Hero mode, the notes are converted depending on which channel they are assigned to in the MIDI Rocker as shown here:

MIDI OUT Note Translation			
Channel on MIDI Rocker	Guitar Hero "Note"	Note Sent to GHWT controller (via MIDI OUT connector)	
CH1	Red Pad	38	For example, if your drums send note number 57 when you hit your crash cymbal, and you assign note 57 to the CH6 (Orange cymbal), then when you hit your crash cymbal, the LX will send note number 49 to the GHWT controller and the Orange cymbal will get played in the game!
CH2	Yellow Cymbal	46	
CH3	Blue Pad	48	
CH4	Green Pad	45	
CH5	Kick Pedal	36	
CH6	Orange Cymbal	49	
-	-	-	
-	-	-	