

# Boomerang® Side Car™ Controller Operating Instructions

Thanks for purchasing a Boomerang® Side Car™ controller to keep your III company. This addition to the family really opens up control of your looper. We welcome any comments you may have.

Contact us at 800-530-4699 or [mnelson@boomerangmusic.com](mailto:mnelson@boomerangmusic.com)

## Overview

The Side Car™ controller gives you more foot buttons to control the Rang™ III's functions, which are listed on the round display. With the Side Car™ controller almost all functions can be active at once. Hereinafter the Side Car™ controller shall be referred to as SC. Hey! I'm a lawyer!

There are 3 foot buttons with permanently assigned functions and there are 2 additional Bonus buttons that can be programmed as you please. While the programming is a little different from programming the III's Bonus buttons, it's simple and straightforward. As on the III, the Bonus buttons can each control 2 functions, one with a tap (press & quickly release) and another with a hold (press & hold).

The Reverse Solo, Undo and Loop 4 functions cannot be controlled from the SC. There are technical reasons for this. If you have trouble sleeping, call and I'll explain it to you.

While it isn't the only way to program your SC/III setup, the extra buttons make it practical to program the III's yellow Bonus button to control a fourth loop. Unlocking the full potential of the III was our primary goal when creating the SC.

*NOTE – You must download software Version 2.1 to your Rang™ III for it to recognize commands from the Side Car™ controller. This software is free of charge and comes in the form of a MIDI file. Contact us and we'll happily email the file to you, along with downloading instructions.*

## 1. What's In The Box

You will find your SC pedal, this manual, a warranty card, a 3' MIDI cable and a "power splitter" cable. The splitter cable allows your SC to share the III's power supply. Since the SC draws a modest amount of current, the 1000mA Boomerang® power supply handily powers both pedals.

## 2. Connections

Connect the MIDI cable to the Pedal Link™ Out jack on the SC, and plug the other end into the Pedal Link™ In jack on your III. Commands from the SC are transmitted over this cable. FYI the III sends no commands to the SC; it just listens. Playin' it in reverse here, boss.

Your Rang™ power supply's plug goes into the splitter cable's receptacle. Plug the splitter's 2 plugs into the power jacks on the SC and III.

## 3. Buttons With Permanently Assigned Functions

The 3 left most buttons each have a permanently assigned function and cannot be reprogrammed. Functions that everyone needs for basic looping are here.

### Stack

This button activates stacking (adding parts to a loop) with a tap and turns stacking off with a tap. It operates exactly like a Bonus button on the III set so that Stack is activated with a tap.

There is a new wrinkle, and I'm not talking about my complexion. The SC Stack button can be set to behave in *momentary* fashion. This means you hold it down to activate stacking, and release it to turn off stacking. You must hold it down as long as you want to stack additional parts on your loop. You'll quickly find this momentary Stack behavior works best with the Serial and Serial-Sync Play Styles. Tap to turn Stack on and tap to turn it off is called *latching* behavior.

How you select between latching or momentary behavior is discussed in Section 5 below.

### Play-Stop All

This one behaves exactly like a Bonus button on the III set so that Play-Stop All is activated with a tap. Holding this button does nothing.

## Erase / Erase All

This button behaves similarly to a Bonus button on the III set so that Erase is activated with a tap, but adds a bit more power. Let's say loops 1 and 3 are playing and loops 2 and 4 are stopped. Tap this button and loops 2 and 4 blink; then tap either Loop 2 or Loop 4 to erase that loop. This is nothing new. But if you want to erase both loops, simply hold down the Erase / Erase-All button and both loops disappear. This is much easier than tap Erase, tap Loop 2, tap Erase, tap Loop 4.

## 4. New Functions

In addition to the looping functions like Octave and Reverse, the SC provides foot control of functions that were previously only controlled with finger buttons. Thru Mute can be turned on and off. Play Style can be changed when no loops are playing. And now there really is a Panic button if you like. It stops all loops and turns off all active functions.

## 5. Assigning Functions To The Bonus Buttons

- 1) Press and hold the Bonus Assign button until the round display's center light blinks. The pedal is now in Bonus Assign mode.
- 2) Select a Bonus button & action: yellow or green, tap or hold.
  - Tap the yellow Bonus button and the bright yellow light blinks.
  - Hold the yellow Bonus button and the dim yellow light blinks.
  - Tap the green Bonus button and the bright green light blinks.
  - Hold the green Bonus button and the dim green light blinks.
- 3) Tap the Select finger button and the blinking light moves around the display. Stop on the function you want controlled by that action. For example, if the bright green blinking light is on Fade, a fade will be initiated by tapping the green Bonus button.
- 4) Tap the Bonus Assign button to complete programming; the display's center light stops blinking.

### Momentary Or Latched Stack Button Behavior

Here's how to change the behavior of the Stack button. While in the Bonus Assign mode, tap the Stack button and the Momentary light turns on, meaning momentary behavior will be used. Tap it again and the light turns off, meaning latching behavior will be used. Leave the light in which ever state you prefer then exit Bonus Assign mode by tapping the Bonus Assign button.

## 6. Specifications

Power	9V, AC or DC, positive or negative tip, 300mA or greater
Power connector	OD = 5.5mm, ID = 2.5mm, length = 9.0mm

## 7. Warranty

Boomerang Musical Products, Ltd. warrants your Boomerang<sup>®</sup> Side Car<sup>™</sup> controller to be free from defects in materials and workmanship for one (1) year from the date of purchase. This warranty is void if the unit has been abused in any way.

We suggest that you fill out and return the enclosed warranty card, although it is not required for the warranty to take effect. We do, however, require that a dated proof of purchase be retained throughout the warranty period.

**If you encounter a problem, contact us before returning your unit.** 800-530-4699 or [mnelson@boomerangmusic.com](mailto:mnelson@boomerangmusic.com). Do not return the unit to the dealer, but ship it directly to us. Always insure a valuable item like this pedal when shipping. Securely package the pedal, include a description of the problem, a copy of your dated proof of purchase, your phone number, a complete return address and send to:

Boomerang Musical Products; 1516 Victoria Drive; Denton, TX 76201

- Boomerang Musical Products, Ltd. reserves the right to make changes in product design without any obligation to include those changes in any products previously manufactured.
- There is no express warranty on goods covered by this agreement.