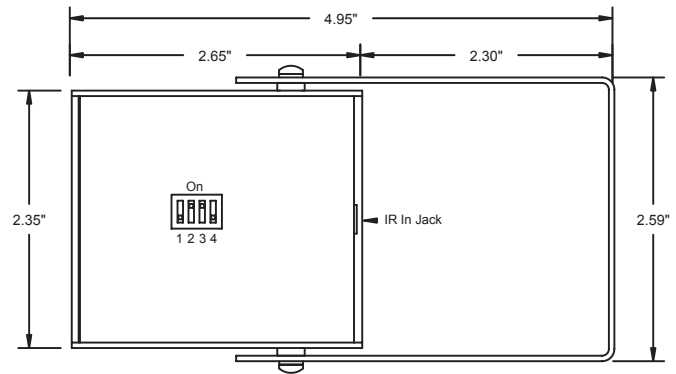
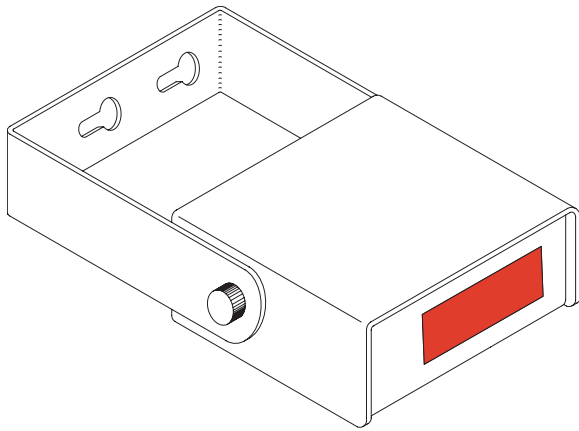


# IR-RXC Installer Reference Guide



IR-RXC - Bottom View

## Introduction

The IR-RXC External IR Receiver extends IR reception for many iC-series controllers. Using the included swivel mount, the unit can mounting in any position and aimed for best reception. Powered by the external IR IN input on an iC-series controller, the IR-RXC is switchable for sensing Contemporary Research high-frequency 57 KHz (default) and low-frequency 38 KHz IR, the IR-RXC can be mounted in any position.

Compatible iC controllers and tuners are:

ICC2-IRC*	ICC2-VDC	232-ST5*
ICW-IRC*	ICW-VDC	ICW-ST4*

\*For these models, the IR IN input is a factory-installed option, and should be specified when ordering the unit.

## Specifications

Enclosure:	All aluminum with durable black powder coat paint		
Size:	Receiver:	1.13" [29mm] high x 2.35" [60mm] wide x 2.65" [67mm] deep	
	Bracket:	1.00" [25mm] high x 2.59" [66mm] wide x 2.95" [75mm] deep	
	Combined:	1.13" [29mm] high x 2.60" [66mm] wide x 4.95" [67mm] deep (typical)	
Weight:	3 oz [85g]		
IR Reception:	Includes high-frequency (57 KHz) or low-frequency (38 KHz) sensors, selected by DIP switch		
DIP Switch:	4-position switch selects IR operating modes		
Status LED:	Red LED indicates IR code reception		
IR Out:	3.5mm jack to connect IR signal and power to an iC controller or tuner		
Power:	10.5-16 VDC (12 typical), 10 mA typical, 25 mA max, powered by iC controller or tuner		

## Includes

IR connection cable, 12', 3.5mm male plugs at each end  
Swivel-mount bracket

## Installation

If needed, change DIP switch settings to match requirements. Only one switch in each pair (1&2, 3&4) should be on.

- 1 On = enable 38KHz
- 2 On = enable 57KHz (default)
- 3 On = output normal (default)
- 4 On = output inverted

Use included IR connection cable to connect IR-RXC to iC unit's IR In input. If you need to create a custom-length extension cable, wire connectors as follows:

3.5mm stereo plugs

- Tip= IR data signal
- Sleeve= DC power+ from IR In jack on iC unit
- Ring= Ground (GND)