

# Installation Guide

---

## SmartRepeater™ Device



*"...because you can't improve  
what you don't measure"*



## NOTICES

SCK Direct, Inc. is not liable for any use of product not in accordance with SCK Direct, Inc.'s installation and operation instructions.



## CLEANING

Using a clean damp cloth, wipe down the SmartRepeater when necessary using a commercial quality foodservice-approved detergent. DO NOT IMMERSE.

NEVER use chemical or abrasive cleaners on the SmartRepeater.

## TOOLS REQUIRED FOR INSTALLATION

- Drill Bit: 3/16" if using wall anchor, or #50 if installing into metal
- Phillips Screwdrivers

## INCLUDED PARTS

Please confirm that these parts have shipped with your order:

- SmartRepeater: 231-60233-01
- Mounting Kit: 213-50641
- Power Supply Mounting Kit: 213-50759-01
- Strain Relief Kit: 213-50760-01

If something is missing, please call 1-866-840-4271 (8:00 a.m. - 5:00 p.m. EST).



## BEFORE YOU INSTALL

SmartRepeaters should be installed after the installation of your SCK Smart Direct 2™, SCK Kitchen Advisor™, or (FAST.) Xwire™ Wireless Gateway.



**Changes or modifications not expressly approved by SCK Direct, Inc. could void the user's authority to operate the equipment.**

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

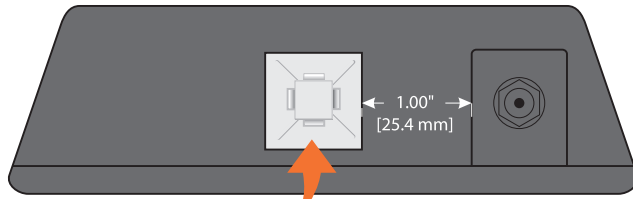
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer for help.



# installation guide

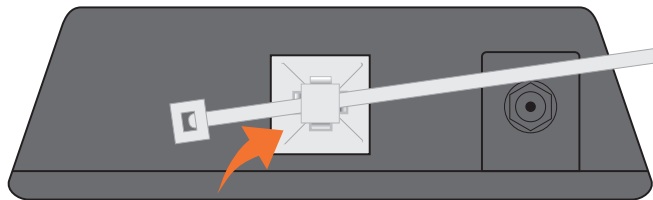
## STRAIN RELIEF SETUP

1. Apply the supplied Ty-wrap adhesive-backed mount (150-15028) on the bottom side of the SmartRepeater (1) one inch from the power supply plug.



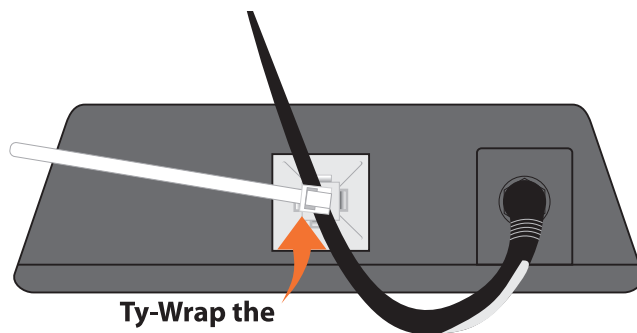
**Ty-Wrap Mount**

2. Run the supplied Ty-wrap (150-15005R) through one of the holes on the adhesive backed mount.



**Insert Ty-Wrap**

3. Plug the power supply into the SmartRepeater. Take the power cord and Ty-wrap it so the power cord does not become unplugged when mounted on a surface.



**Ty-Wrap the Power Cord**

## MOUNTING INSTRUCTIONS

1. Choose a location for the SmartRepeater to be installed (**within 8 feet of an outlet**). Use the SmartRepeater mounting bracket template found in this guide to mark the locations of the 2 mounting holes.

View the tentative positioning and ensure there are no location problems. Drill the 2 pilot holes. (If you are using the supplied wall anchors, use a 3/16 bit. For mounting into sheet metal, use a #50 bit.) Insert screws into the mounting bracket holes and tighten.

2. Clip the Smart Repeater into its bracket.
3. Plug the SmartRepeater into outlet.

## ALTERNATIVE MOUNTING OPTION USING SUPPLIED VELCRO

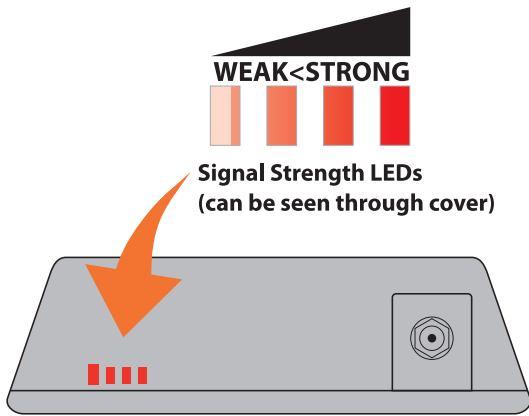
1. Choose a location to install the SmartRepeater (**within 8 feet of an outlet**).
2. Clean the mounting surface and back of the SmartRepeater with the supplied alcohol wipe.
3. Adhere one piece of the supplied Velcro to the surface where you want to mount the SmartRepeater.

Make sure there will be no obstructions once the SmartRepeater is mounted.

4. Adhere the second piece of supplied Velcro to the back side of the SmartRepeater. Then adhere the SmartRepeater onto the mounting location.
5. Plug the SmartRepeater into outlet.

## INDICATOR CHARTS

### Signal Strength Indicator



### Troubleshooting / LED Codes

LED Action	Description
Strobe effect using all LEDs	Device is scanning the channels for available networks.
LEDs alternate being lit in sequence for a period of time.	A diagnostic command was issued to this device to blink the LEDs in a recognizable pattern for a set amount of time.

### Signal LEDs

Bars	Link Quality
NONE(0)	No signal or No messages received
ONE(1)	Moderate signal
TWO(2)	Good signal
THREE(3)	Excellent signal

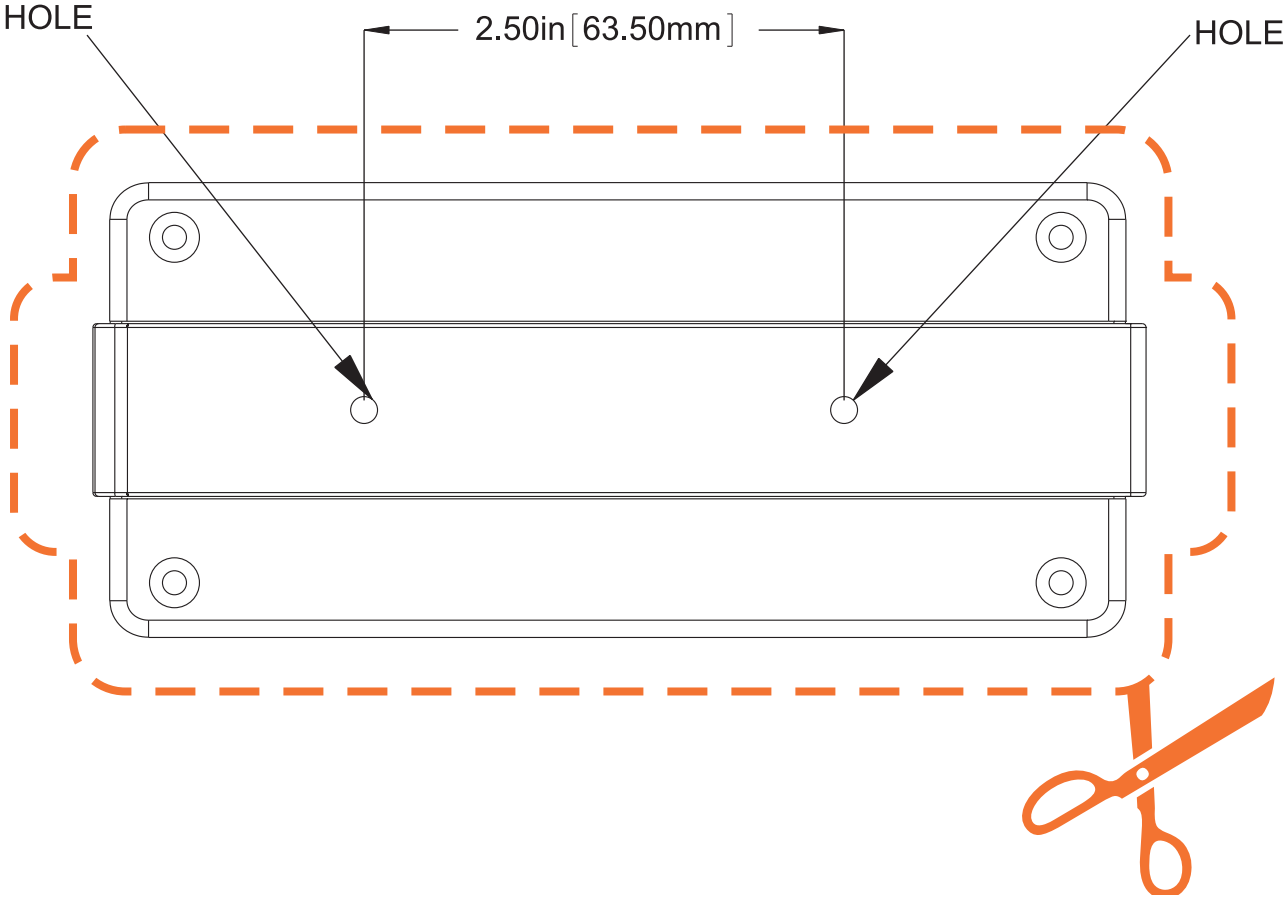
### Status LED Chart

LED Color	LED Blink Rate	Description
RED	Solid On	Device is connected as a router
RED	Slow	Device is waiting for data from its parent node
RED	Very Fast	Device is communicating with another device as a router. Signal bars should exist.
GREEN	Solid On	Device is connected as a coordinator
GREEN	Very Fast	Device is communicating with another device as a coordinator. Signal bars should exist.

# installation guide

## MOUNTING TEMPLATE

Use this template as a guide to install your SmartRepeater mounting bracket. Drawing is to scale.



This page left intentionally blank.



# installation guide

This page left intentionally blank.

## Troubleshooting

Should you experience problems installing your SCK SmartRepeater, or any aspect of your SCK Direct, Inc. services, please contact the SCK HelpDesk toll-free at **1.866.840.4271** (Monday-Friday, 8:00 a.m.-5:00 p.m. EST).



## Optional SCK System Components

SCK has a variety of optional accessories to help you complete your kitchen automation:

- SCK Kitchen Advisor Information Server
- SCK Remote Input Device
- SCK KMS Kitchen Status Monitor
- SCK-Enabled Appliance Controllers
- SCK Wireless (Xwire™) Appliance Interface
- SCK Wireless (Xwire™) Temperature/Door SmartSensor™
- SCK Wireless (Xwire™) Wireless.Gateway
- SCK Wired Backbone

For additional information on any of these accessories, or to request Technical Specification Sheets, please contact your SCK Representative or contact SCK Customer Support toll-free at 1-866-840-4271 (Monday-Friday, 8:00 a.m. to 5:00 p.m. EST).

# Thank You for Choosing SCK Direct, Inc!

SCK Direct, Inc.  
905 Honeyspot Road  
Stratford, CT 06615  
+1 203.377.4174 voice  
+1 203.377.8187 fax  
1.866.840.4271 toll-free sales & helpdesk  
[www.MySCK.com](http://www.MySCK.com); [info@mysck.com](mailto:info@mysck.com)

229-51379 Rev. A  
© 2008 SCK Direct, Inc.  
Printed in the USA  
05MAR2008



This document contains confidential information. The dissemination, publication, copying, or duplication of this document or the software described herein without prior written authorization is strictly prohibited.