RTI

SURFiR®
Companion Remote Control

Quick Reference Guide

Key Features

Sleek and ergonomic, the SURFiR is the ideal companion remote for smart phones and tablets that are using the RTiPanel control app.

The SURFiR comes loaded with the following features:
• 433MHz and 2.4GHz Zigbee® RF transmission capability
• Completely customizable and programmable
• Security screw on battery door for hotel applications

Product Contents

Contents within the box include the following items:
• One (1) SURFiR Remote Control
• Four (4) AAA batteries
• One (1) Security screw removal tool
• Two (2) Button label lens covers (1 black - installed, 1 clear)
• One (1) Sheet of remote ID labels
• One (1) Sheet of button labels
• Three (3) Battery door screws (Tri-head security)

Safety Suggestions

Read and Follow Instructions. Read all safety and operating instructions before operating the unit.
Retain Instructions. Keep the safety and operating instructions for future reference.
Heed Warnings. Adhere to all warnings on the unit and in the operating instructions.
Heat. Keep the unit away from heat sources such as radiators, heat registers, stoves, etc., including amplifiers that produce heat.
Power Sources. Use only batteries of the type described in the operating instructions, or as marked on the unit.
Water and Moisture. Do not use the unit near water—for example, near a sink, in a wet basement, near a swimming pool, near an open window, etc.
Object and Liquid Entry. Do not allow objects to fall or liquids to be spilled into the enclosure through openings.
Servicing. Do not attempt any service beyond that described in the operating instructions. Refer all other service needs to qualified service personnel.
Damage Requiring Service. The unit should be serviced by qualified service personnel when:
   ▪ Objects have fallen or liquid has been spilled into the unit.
   ▪ The unit has been exposed to rain.
   ▪ The unit does not appear to operate normally or exhibits a marked change in performance.
   ▪ The unit has been dropped or the enclosure has been damaged.

Limited Warranty

RTI warrants its products for a period of one (1) year (90 days only for included battery packs); or for a period of time compliant with local laws when applicable from the date of purchase from RTI or an authorized RTI distributor.

This warranty may be enforced by the original purchaser and subsequent owners during the warranty period, so long as the original dated sales receipt or other proof of warranty coverage is presented when warranty service is required.

Except as specified below, this warranty covers all defects in material and workmanship in this product. The following are not covered by the warranty:

Damage resulting from:

1.   Accident, misuse, abuse, or neglect.

2.   Failure to follow instructions contained in this Guide.

3.   Repair or attempted repair by anyone other than Remote Technologies Incorporated.

4.   Failure to perform recommended periodic maintenance.

5.   Causes other than product defects, including lack of skill, competence or experience of user.

6.   Shipment of this product (claims must be made to the carrier).

7.   Being altered or which the serial number has been defaced, modified or removed.

Contacting RTI

For news about the latest updates, new product information, and new accessories, please visit our web site at: *www.rticorp.com*
For general information, you can contact RTI at:
Remote Technologies Incorporated
5775 12th Ave. East, Suite 180
Shakopee, MN 55379
Tel. (952) 253-3100
Fax (952) 253-3131

Service & Support

If you are encountering any problems or have a question about your RTI product, please contact RTI Technical Support for assistance (see the Contacting RTI section of this guide for contact details).

RTI provides technical support by telephone, fax or e-mail. For the highest quality service, please have the following information ready, or provide it in your fax or e-mail.

   • Your Name
   • Company Name
   • Telephone Number
   • E-mail Address
   • Product model and serial number (if applicable)

If you are having a problem with hardware, please note the equipment in your system, a description of the problem, and any troubleshooting you have already tried.

If you are having a problem with software, please note what version you have installed, the operating system on your PC, a description of the problem, and any troubleshooting you have already tried. If you are calling about a software or programming question or problem, please be at you computer when you place your call. This will considerably speed up the troubleshooting process.

Please do not return products to RTI without return authorization.

Federal Communications Commission Notice

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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

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 the receiver.
   ▪ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
   ▪ Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1.   This device may not cause harmful interference.

2.   This device must accept any interference received including interference that may cause undesired operation.

FC CE N27917

Contains:
FCC ID: MMURTI1500
IC (Canada): 3166A-1500

DECLARATION OF CONFORMITY (DOC)
The Declaration of Conformity for this product can be found on the RTI website at: www.rticorp.com/declaration

SURFiR® Companion Remote Control

It's Under Control®

Installing Batteries

The SURFiR uses four (4) AAA batteries and ships without a screw installed in the battery door. Three optional tri-head security screws are included for installations such as hotels, to hinder access to the battery compartment. The included security screw removal tool can be used to install the security screw.

1 Remove the screw on the battery door (if installed).
2 Remove the battery door from the rear of the remote by applying pressure near battery door seam and pulling down (pressing down near seam "unlocks" the door latch).
3 Insert the batteries into the battery compartment sleeves so that the positive (+) and negative (-) ends of the batteries match the diagrams.
4 Slide the battery door onto the remote until it snaps into place.
**5** Reinstall the battery door security screw using the security screw tool (optional).

Rear of SURFiR

1) Push in to release latch
2) Pull down to slide off

Battery Door
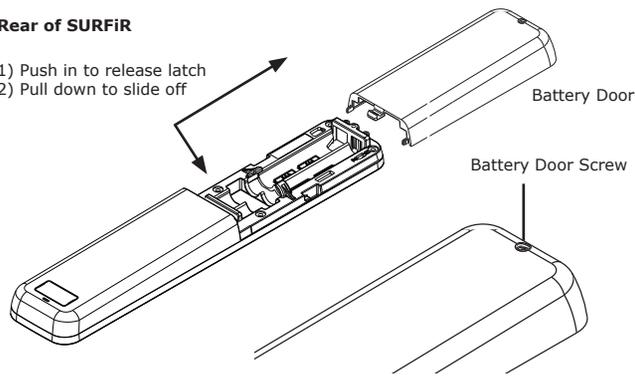
Battery Door Screw

Battery Door Security Screws
The SURFiR ships with three (3) tri-head security screws for the battery door and a security screw removal tool. Two of these extra screws are mounted inside the battery compartment. Use the security screw removal tool (included) to use these screws.

Extra Battery Door Security Screws (x2)
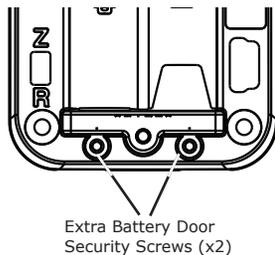
Installing Remote ID Label

Located on the backside of the SURFiR is an area to label the zone or room that the remote will be used in. A sheet of labels with common locations is included in the SURFiR box.

1 Remove the remote label cover by placing a flat head screwdriver in notch along edge and prying up.
2 Choose remote ID label from included sheet and adhere to remote label area.
3 Reinstall remote label cover by snapping into position.

Remote ID Label Cover

Remote ID Label

Top of SURFiR
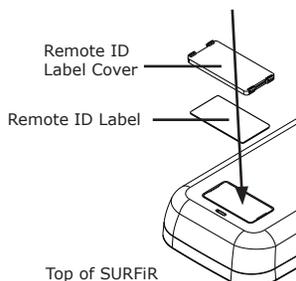
Installing Button Labels

Located on the front of the SURFiR are eight custom buttons which can be custom labelled with the function or activity that these buttons will control. A sheet of labels with common functions/activities is included in the SURFiR box.

1 Remove the button label cover by placing a flat head screwdriver in notch along edge and prying up.
2 Choose function/activity labels from included sheet and adhere to label areas next to each button.
3 Install the *clear* button label cover by snapping into position.
NOTE: If you choose not to label these buttons, use the black button label cover.

Button Label Cover

Button Label Area

Top of SURFiR
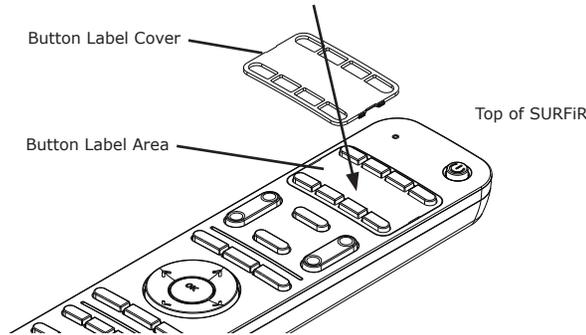
Programming the SURFiR

The SURFiR remote control is programmed using RTI's *Integration Designer®* software. Once you have completed the programming, *Integration Designer®* will generate a unique 10 digit configuration code that will allow the RTI XP processor to identify the SURFiR. This code is entered manually into the remote via a series of button presses on the numeric keypad.
NOTE: This configuration code is based on SURFiR's programming functions, RF transmission output type, zone code etc. Therefore this code may need to be updated in the SURFiR if any of these options change.

1) Enter Configuration Mode on SURFiR
The SURFiR is in configuration mode when the LED status light (located at the top of the remote) is blinking red and green. The SURFiR is automatically in configuration mode the first time it is powered-up (when it is in its factory default state). To put the SURFiR in configuration mode:
• Press and hold the "Power" button (located at the top of the remote) for 10 seconds until the LED status light blinks red and green.
2) Get Configuration Code
When you have completed programming the SURFiR in *Integration Designer®* go to:
 • Communications Menu>Get SURFiR Configuration Code.
or
 • Communications Menu>Send to Device.
3) Enter Configuration Code into SURFiR
 a) Press "Enter" button on SURFiR (LED status light blinking stops)
 b) Enter 10 digit code using numeric keypad on SURFiR (remote beeps with each press).
 c) Press "Enter" button on SURFiR to finish.

Authorized RTI dealers can download *Integration Designer®* software from: **www.rticorp.com/dealers**

Front of SURFiR

Status LED
• Green indicates a command code being transmitted.

• Red slow blink indicates that the battery power is low.

• Red fast blink indicates that battery power is critically low.

• Red/Green alternating blink indicates the SURFiR is in Configuration Mode.

Power Button
• Programmed to control equipment.
• Used to put SURFiR in Configuration Mode.
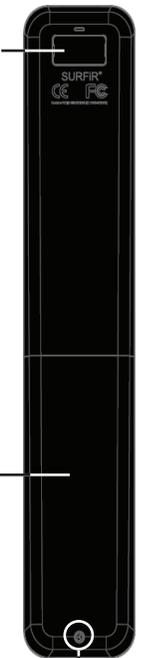
Custom Buttons
• Allow custom labeling.

Keypad Buttons
• Custom programmed for commonly used functions.

Rear of SURFiR

Remote ID Label

Battery Access Door

Battery Door Screw
• Optional security screw