Product Contents

Contents within the box include the following items:
- One (1) U3 Weather Resistant Remote Control
- One (1) Charging Dock (Not Water Resistant, Indoor Use Only)
- One (1) Cradle
- Two (2) Mounting Holster
- One (1) Lithium-ion Battery (Installed)
- One (1) International Power Supply (5V, 1A)
- Four (4) Size 10 Mounting Screws
- One (1) Reference Guide

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.

Object Entry. Do not allow objects to fall 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 into the unit.
- 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.

Weather Resistant Note

The U3 is designed to withstand temporary exposure to water only. Prolonged exposure may result in the U3 remote malfunctioning. DO NOT ALLOW THE U3 TO REMAIN FLOATING IN WATER.

Cleaning

Occasional cleaning may be required, depending on use. To clean your U3, lightly dampen a lint-free cloth with plain water or a mild detergent and wipe the display, keypad and outer surfaces. Do not use harsh chemicals as damage to the unit may occur.

NOTE: The rubber cover on the backside of the U3 may be removed for cleaning.

Limited Warranty

RTI warrants its products for a period of three (3) years (one year 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 Avenue 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 or e-mail. For the highest quality service, please have the following information ready, or provide it in your 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 your 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.

Industry Canada Compliance Statement

This device complies with Industry Canada license-exempt RSS standard(s). 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.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes:
1. Ce dispositif ne peut causer des interférences nuisibles.
2. Cet appareil doit accepter toute interférence reçue y compris des interférences qui peuvent provoquer un fonctionnement indésirable.

Contains:
FCC ID: MMURTI2300, IC:3166A-RTI2300

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

The U3 is designed for reliable wireless control of audio video systems in environments that are too harsh for normal remote controls. The U3 combines the convenience of an Electronic Paper Display and the ideal selection of commonly used keypad buttons. The high contrast display can be customized from a number of templates to suit the needs of the user. This provides a simple and flexible interface for operating today's sophisticated electronic systems, regardless of the location. The U3 is a perfect companion for hot tubs, pools, bathrooms, and decks.

Key Features

The U3 comes loaded with the following features and much more:
- Durable design is water resistant.
- Dual RF capability uses 433MHz or 2.4GHz (utilizing Zigbee® technology).
- Sixteen programmable keypad buttons.
- Electronic Paper Display.

Powering On/Off the U3

TO POWER THE U3 ON:
• Press and hold the "Power" and "OK" buttons simultaneously until the U3 powers on.
TO POWER THE U3 OFF:
• Press and hold the "Power" and "OK" buttons simultaneously to enter the Control Panel. Navigate to "Power Down" and press the "OK" button. The screen will flash a message and then go blank.

NOTE: During normal operation, the display will always appear to be "on". The Electronic Paper Display uses minimal battery power to operate. When the unit is not in use, the U3 goes into low power mode (the display will stay on) and any button press will wake the U3 to full operation status.

Charging the U3 Battery

WHEN TO CHARGE THE U3:
The U3 uses a Lithium-ion rechargeable battery which will not exhibit a memory effect from being charged too often, therefore the remote control may be placed into the charging dock when not in use.
• The display will show an insufficient battery power icon when the battery capacity becomes low and a charge cycle is required.
CHARGING THE U3:
1. Locate and install the appropriate wall outlet plug onto the power supply.
2. Insert the micro USB end of the power supply cable into the USB port located on the backside of the charging dock.
3. Plug the power supply cable into a wall outlet.
4. Gently set the U3 onto the charging dock.
5. The battery icon on the bottom right of the display will show when the battery is fully charged.

Replacing the U3 Battery

Do not disassemble the U3. Do not remove the screws holding the back cover of the U3. Service of the U3, including battery replacement, should be performed by RTI or authorized personnel only.

U3 Docking Stations

The U3 comes with two docking stations, one for charging the battery and one for a convenient place to store the remote.

CHARGING DOCK
The charging dock is not weather resistant and is *for indoor use only*. The charging dock has a micro USB port for connection to the AC power supply cable and has four channel options for convenient cord routing.
NOTE: The U3 comes with a white power supply and micro USB cable. The cable is detachable from the power supply in case a longer or different cable is preferred.
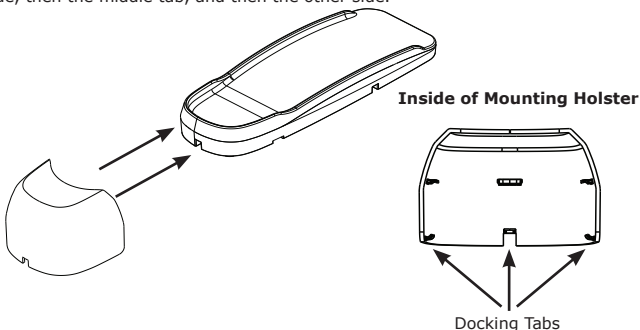
CRADLE
The weather resistant cradle can be used for a convenient place to store the U3 in the area where the remote is being used.
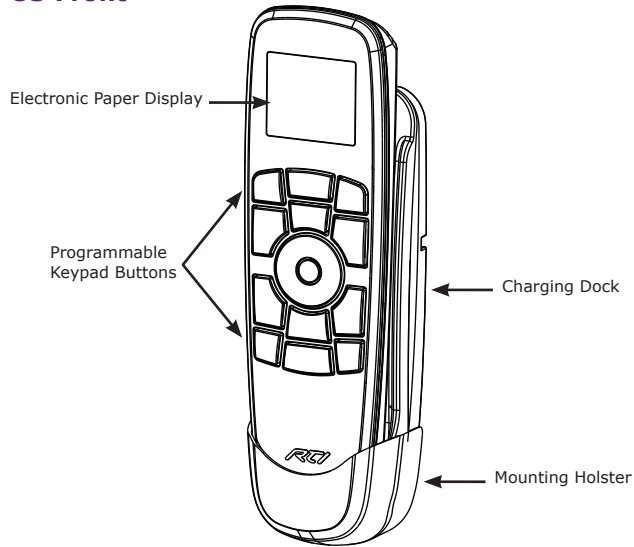**NOTE:** The cradle does not recharge the battery.

Mounting Holster

The mounting holster attaches to the bottom of the charging dock or cradle to hold the U3 secure for when it is affixed to a wall. There are three (3) tabs on the mounting holster. To attach, carefully slide each docking tab of the holster into the coordinating slot on the back of the docking station, starting on one side, then the middle tab, and then the other side.

Inside of Mounting Holster

Docking Tabs

U3 Front

Electronic Paper Display

Programmable Keypad Buttons
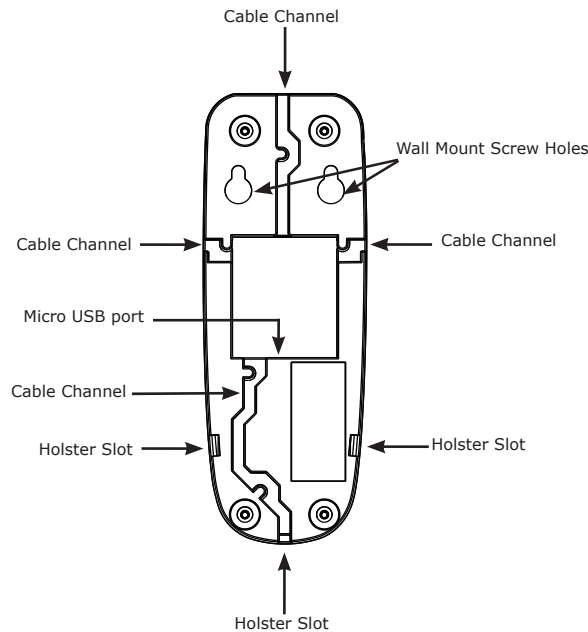
Charging Dock

Mounting Holster

U3 Back

The rubber cover over the back of the U3 is made with an anti-microbacterial additive to prevent mold and is removable for cleaning. Carefully remove it by gently pulling from the edge of the rubber. To reattach, fit the rubber on the back of the remote and press the ridge around the edge of the rubber into the groove around the outside of the unit.
The back of the U3 has a waterproof pressure vent near the top. Keep this vent clear and do not poke anything into the vent or damage may occur, voiding the warranty.
NOTE: The serial number for the unit is found on the back beneath the cover.

Charging Dock (Back)

Cable Channel

Wall Mount Screw Holes

Cable Channel

Cable Channel

Micro USB port

Cable Channel

Holster Slot

Holster Slot

Holster Slot

Programming the U3

The U3 requires a ZB-Pro Programming Tool (sold separately - item 10-210216-13) to program or update the firmware.
The U3 display and buttons are programmed using the RTI Integration Designer® programming software. (Integration Designer software available to authorized RTI dealers only).
FIRMWARE AND SOFTWARE UPDATES
Please verify that you have the most recent firmware and software installed for this and all RTI products. Authorized RTI dealers can download the latest firmware and Integration Designer from the dealer section of www.rticorp.com.
UPDATING INTEGRATION DESIGNER PROGRAMMING
When downloading the program file, Integration Designer will check if there is a ZB-Pro plugged into the computer. If there is not, Integration Designer will show a message with instructions to plug a ZB-Pro into the USB port.
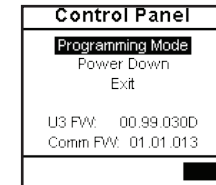
To load the program file onto the U3
1. Press and hold the "Power" and "OK" buttons simultaneously to enter the Control Panel on the U3.
2. Navigate to "Programming Mode".
3. Press the "OK" button to access the communication code.
4. When instructed by Integration Designer, enter the numeric code into the appropriate field.

NOTE: Integration Designer may need to update the firmware on the ZB-Pro to enable it to communicate with the U3. If this is the case, Integration Designer will show a message that it is upgrading the firmware on the ZB-Pro before proceeding to download the program file.

INSTALLING FIRMWARE
1. Press and hold the "Power" and "OK" buttons simultaneously to enter the Control Panel on the U3.
2. Navigate to "Programming Mode".
3. Press the "OK" button to access the communication code.
4. When instructed by Integration Designer, enter the numeric code into the appropriate field.

Control Panel
Programming Mode
Power Down
Exit

U3 FW.   00.99.030D
Comm FW. 01.01.013

STATUS BAR

Source
Sonos
Apple TV
Receiver
Amazon Fire
Weather

There are always two icons displayed at the bottom of the screen.

Communication Connection Links: Will show two chain links together when connected or a broken chain with an "X" symbol when not connected.

Battery Indicator: Shows battery charge status.