

TRC-1480

Owner's Manual

Total Control™

Total Control

TRC-1480
Owner's Manual

Introducing the TRC-1480

Thank you for purchasing URC's TRC-1480 Wi-Fi remote control. Its easy and intuitive use helps to simplify your life while adding control of more things than you thought possible.

Online Support
Total Control is sold direct only and must installed/program by a certified custom integrator.

End-User Support
Visit the URC Home Page for product information, owner's manuals, and support contact information.

Contact Support
Total Control is a URC product sold direct only. For questions or assistance contact your Custom Installer/Programmer.

My Installer/Programmer

_____

_____

_____



Technical Support
Toll Free: 800-904-0800
Main: 914-835-4484
techsupport@urc-automation.com
Hours: 9:00am - 5:00pm EST M

Rev 1.0

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Congratulations!

Thank you for purchasing the TRC-1480 Wi-Fi remote control for your Total Control system. The TRC-1480 communicates with your Total Control system via the local wireless network to control devices throughout your home/business.

Use the TRC-1480 to navigate through rooms, menus, and control your system's audio/video devices, climate, lighting, and more.



Features & Benefits

- **Quick Connect Wi-Fi:** When woken up, the remote connects to the wireless network (**2.4GHz** or **5GHz**) almost instantly for control of your system and devices.
- **Two-way Metadata Feedback:** Experience feedback directly on the TRC-1480's 2.4" display when used with an ever expanding line of 3rd Party modules such as HEOS, Ecobee, Sonos, Roku and many more.

  Consult with your certified URC integrator to learn more about compatible 3rd party integration.
- **Voice Assistant Ready:** Enable the built-in **Amazon Alexa** service to send commands verbally directly from the remote by pushing the press-to-talk microphone button.
- **H264 IP Camera Support:** View almost any security camera directly on the TRC-1480's display. The TRC-1480 supports high quality camera streams. Ask your certified URC integrator for further details.

Requirements & Compatibility

- **Total Control:** The TRC-1480 requires an MRX Advanced System Controller on the network and must be programmed by a certified Total Control integrator. When programmed, the TRC-1480 is capable of controlling devices around the home/business without being within "line-of-sight" of the equipment by sending commands over the wireless (Wi-Fi) network.

Parts

- TRC-1480 Wi-Fi Remote Control
- Li-ion Rechargeable Battery
- Charging Dock
- Power Adapter (FCC / US only)

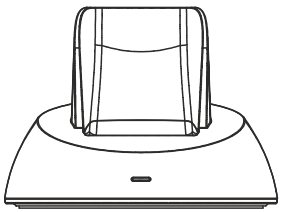
  Regional Power Adapter Notice

  For the CE / EU version, the AC power adapter is not included.
  Please use a commercially available, CE-certified power adapter that complies with applicable local safety requirements,
  Use only a power adapter with a output voltage and cuurent rating that matches the rated input marked on the produck label.

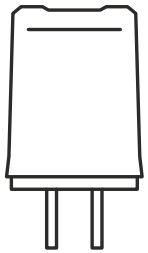
- USB Type C Cable



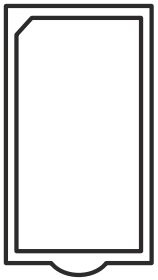
TRC-1480



Charging Cradle



Power Adapter



Rechargeable Battery



USB Type C Cable

Connecting the Battery Pack
A battery is included in the box when shipped from the factory. Press the spring lock down to unlock and remove the cover. Place the battery into the battery compartment, making sure to align the contacts on the battery with the contacts within the TRC-1480's battery compartment. The battery snaps into place when aligned properly. Replace the battery cover.

Using the Charging Cradle
Plug the 5V DC adapter into a power outlet and into the rear of the charging cradle. Gently place the TRC-1480 into the cradle, so that the remote automatically aligns itself to the contacts on the charging cradle. The status light immediately illuminates.

It is possible to connect the USB Type C cable directly into the bottom of the TRC-1480.

There are three (**3**) Status light conditions:

- **Red:** Indicates the the remote's battery is charging
- **Blue:** Indicates that the remote's battery is off the charging dock
- **White:** Indicates that the remote's battery is fully charged

Two-way via Wi-Fi (2.4 GHz or 5GHz)
The TRC-1480 has the capability of providing two-way control of supported devices directly on the 2.4" LCD touch-screen display. These devices must be configured in the Total Control program file. Consult your custom integrator for additional details.



Using the TRC-1480

The Main Menu pages display activities and/or devices. Press the Main button to access the Main Menu. Larger systems may have more than one (**1**) page. Press either of the Page buttons to view additional Main Menu pages.

Although the TRC-1480 is programmed with custom layouts and devices, there are persistent buttons that maintain a steady function:

A. **Rooms Menu:** This button displays a list of rooms and allows the user to swap between them for control.

B. **Room Off/House Off:** With a single press of this button, the Total Control system turns off all the devices of the current room. Press-n-hold this button for greater than three (**3**) seconds to display the system's Power Menu. This menu allows the user to turn off the room, the entire system, or any custom activity programmed by the custom integrator.

C. **Capacitive Touch Screen:** The specific function of each button is linked to the screen icon associated to the LCD screen. These buttons are used to select activities, devices, functions, navigate, and more. Speak with your custom integrator for more details.

D. **Page Left/Right:** These buttons are used to navigate through the various Main Menu and Device/Activity Menu pages.

E. **Main:** By default, this button returns the user to the previous menu.

F. **Vol+, Vol-, & Mute:** Used to increase, decrease, or toggle the mute status of the active audio device.

G. **CH+, CH-, & Prev:** Used to change a Cable/Sat channel up or down or to navigate through a device's on-screen menus. The Prev button returns to the device's previous channel or can be used to return the user to a previous menu.



H. **Shortcuts:** Displays the customizable shortcuts menu. This menu can only contain shortcuts to room-based devices/activities.

I. **Now Playing:** Returns the user to the current activity/device menu regardless of what screen is on display.

J. **Microphone:** Select this button to interact with the native voice assistant service. When pressed, the microphone activates and listens to your verbal commands. The microphone is shut off when the button is no longer pressed.

K. **Navigation Keys:** Comprised of up, down, left, and right. These buttons are used to navigate through the menus and/or devices.

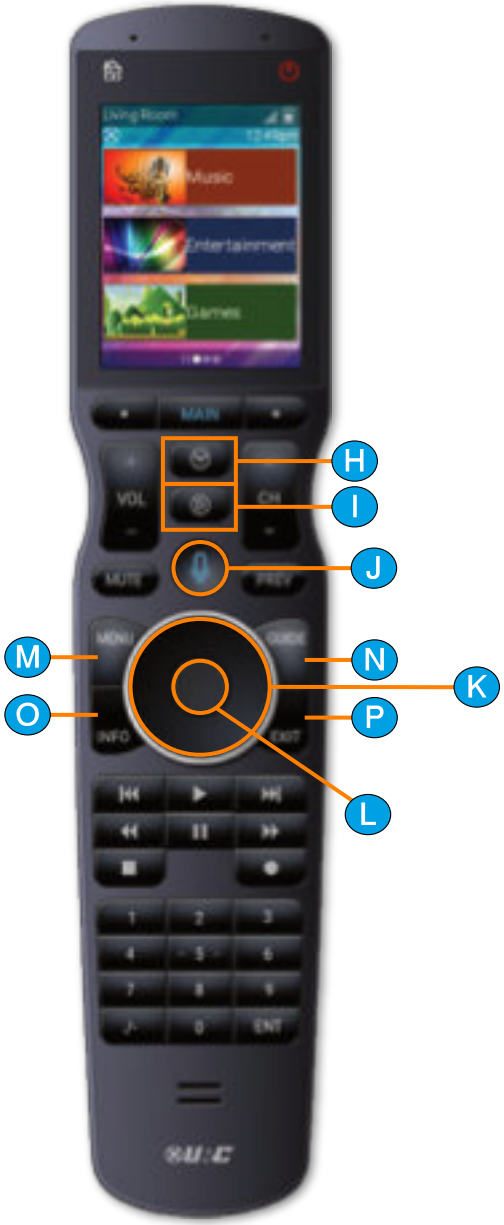
L. **Select:** Center button of navigation keys, used to confirm selections displayed on a viewing device.

M. **Menu:** Displays the on-screen menu of the active device.

N. **Guide:** Displays the channel guide for the device's on-screen display.

O. **Info:** Displays channel information for the device's on-screen display.

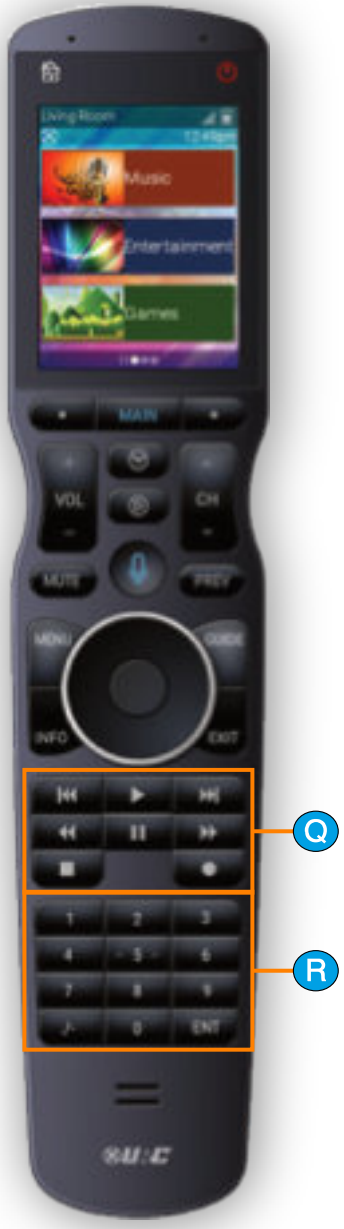
P. **Exit:** Closes out any open menus or guides on the display or returns to the previous menu.



Q. Transport Buttons: These are the available buttons:

-  (Play)
-  (Pause)
-  (Stop)
-  (Record)
-  (Skip+)
-  (Skip-)
-  (Rew)
-  (FF)

R. Numerical Keypad: Numbered buttons to change channels.



Using Voice Control

The TRC-1480 has the capability of using Amazon Alexa Voice Assistant to control programmed activities, devices, and more.

For instructions on how to enable the Alexa Voice service, please refer to page 11.

The TRC-1480 preserves your privacy with a push-to-talk button on the remote control. This means the Alexa Service is only listening when you want it too.

Custom activities and devices can be controlled via Alexa; however, configuration is required. Speak with your certified URC integrator for more details.

Issuing Voice Commands

Voice Commands can be issued easily and intuitively with the push-to-talk button. This button removes the need to say "Alexa…".

Press-n-hold the button and say phrases such as…

- "Turn on bedroom Blu-ray"
- "Turn on living room ESPN"
- "Turn off the kitchen lights"
- And much more…

The TRC-1480 does not support the following Amazon Alexa features:

- Audio Playback via Amazon Music, Audible, or other music services.
- Alexa Drop-In, calls, or video calls
- No graphical feedback



Displaying the Setup Menu

The Setup Menu allows users to configure or change certain behaviors of the TRC-1480.

Enter the Setup Menu by pressing and holding the **Main and Enter** (see image at the right) buttons for greater than five (**5**) seconds.

The Setup Menu times out after sixty (**60**) seconds and returns the TRC-1480 to the system's Main Menu.

Use the up and down navigation buttons to maneuver between the two Setup pages. To select an option, highlight the desired setting and press the "Select" key at the center of the navigation keys.

To return to a previous page press the left page button (at the left of Main Menu). Press the Main or Exit button to return the remote to the Main Menu.



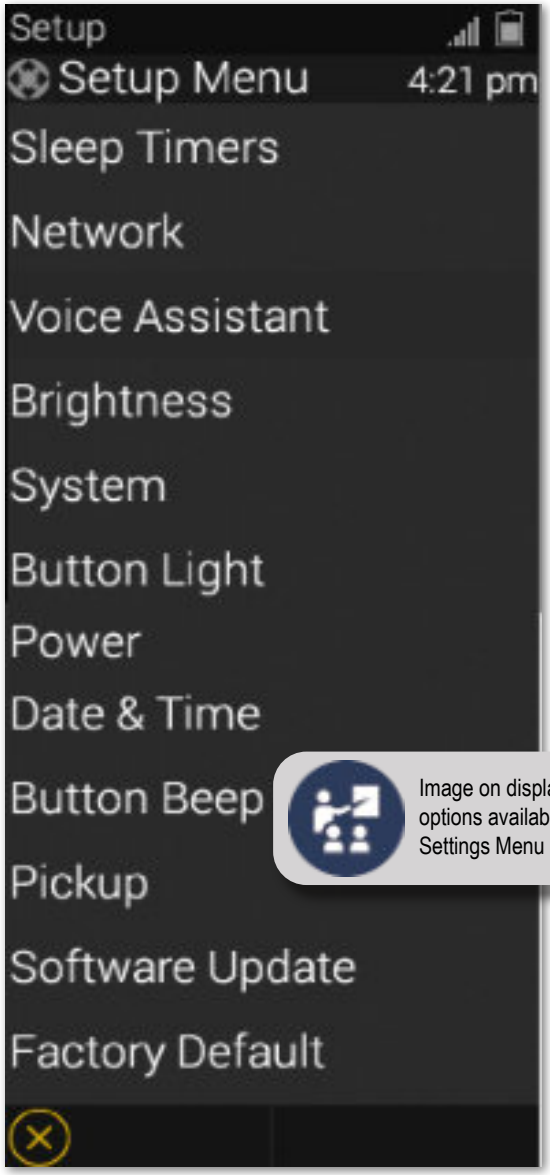
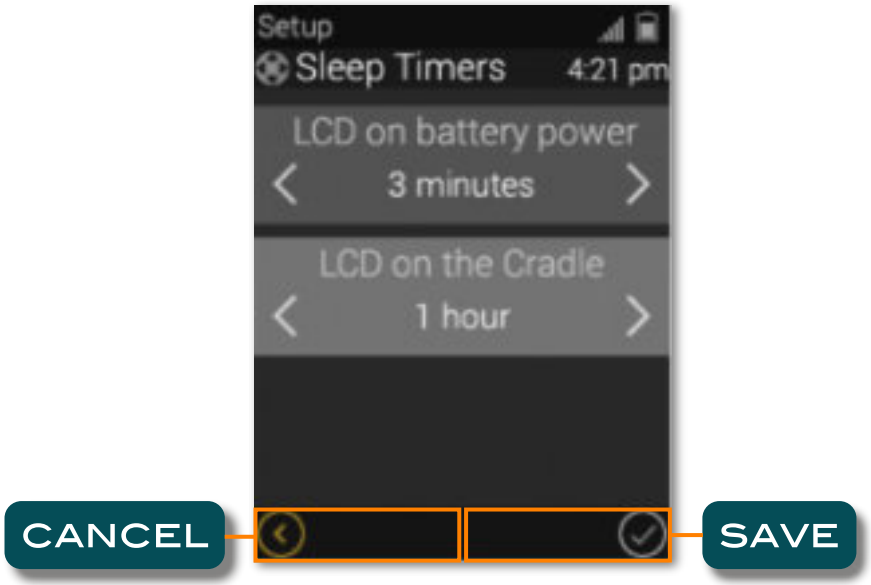


Image on display presents all the options available on the two (**2**) Settings Menu pages.

- Sleep Timers
- Network
- Voice Assistant
- Brightness
- System
- Button Light
- Power
- Date & Time
- Button Beep
- Pickup
- Software Update
- Factory Default

Sleep Timers
Adjust the amount of time the screen remains on when the remote is not in use. The time can be set independently based on whether the remote is using battery power or sitting on the charging cradle.

Once the settings are adjusted, press the **Save** button. Pressing **Cancel** reverts the remote to the last saved setting.

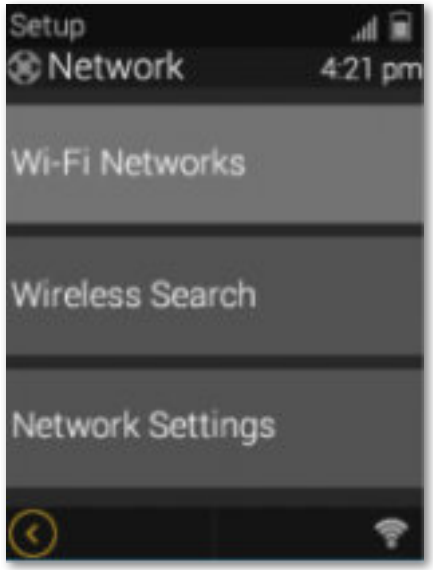


Leaving the remote's display on for long periods of time may reduce your device's battery life.

Network
The following options are displayed:

- **Wi-Fi Networks:** Displays all stored wireless networks. This option allows the user to connect to any network stored on the remote.
- **Wireless Search:** Select to connect to an available wireless network. SSID and Password may be required.
- **Network Settings:** Allows the user to configure the remote's network properties such as IP address, Gateway, DNS, and more.

WARNING! Only use this option when instructed by URC's Technical Support team or your custom install professional.



Do not make changes on this screen. Changing network settings may lead to issues controlling the

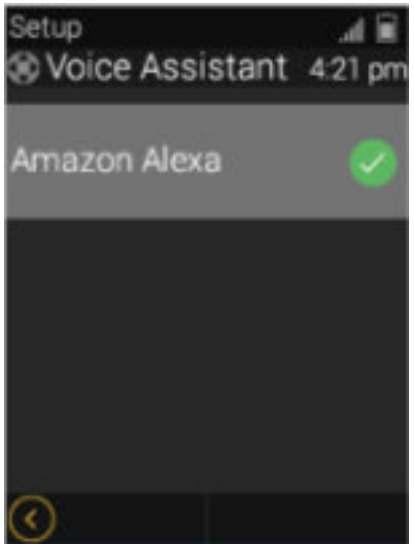
Voice Assistant
This Settings Menu option allows you to integrate your Total Control system with voice assistant services such as Amazon Alexa.

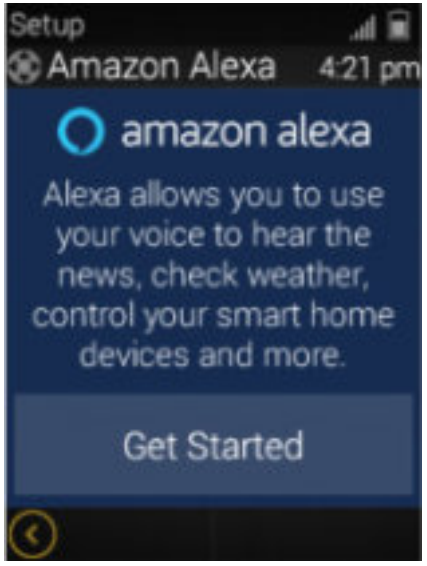
Choose the supported voice assistant service (Amazon Alexa) and follow the on-screen directions.

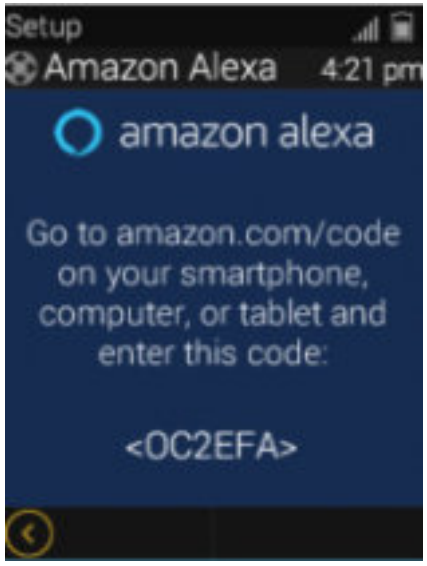
The Alexa setup menu provides a code that must be entered into the Amazon Alexa URL (displayed on the LCD screen of the TRC-1480).

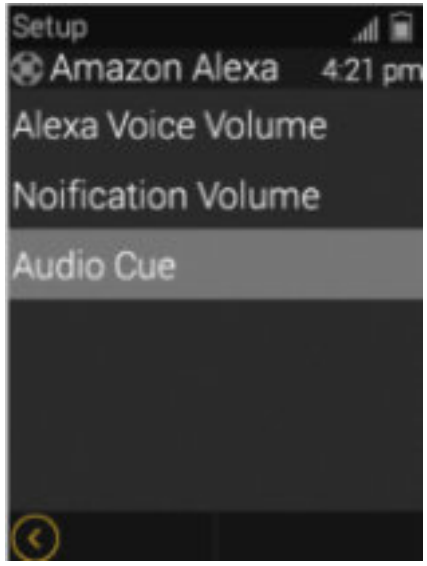
Once enabled, use the push-to-talk button to control the Total Control system or any other Alexa enabled device.

- **Alexa Voice Volume:** Adjust the volume of the Alexa service on the TRC-1480.
- **Notification Volume:** Adjust the volume for notification alerts.
- **Audio Cue:** Enable or disable the audio cue. It provides an audio "chime" that informs the user that the voice service is "listening".



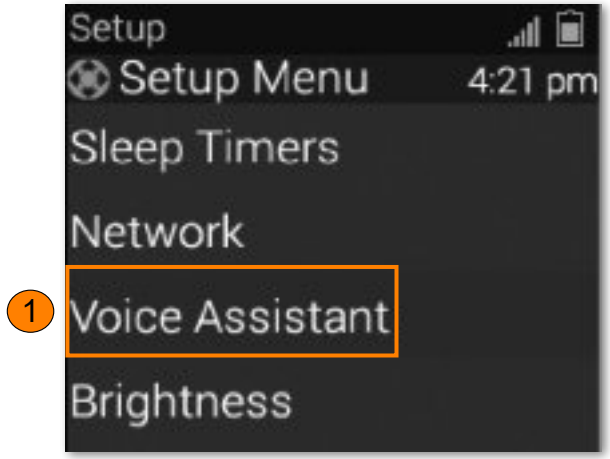




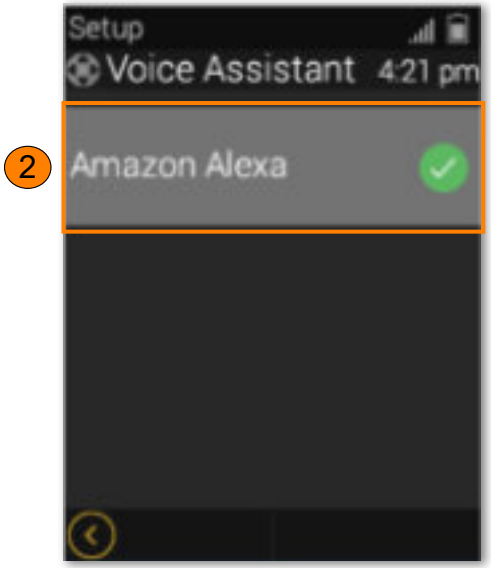


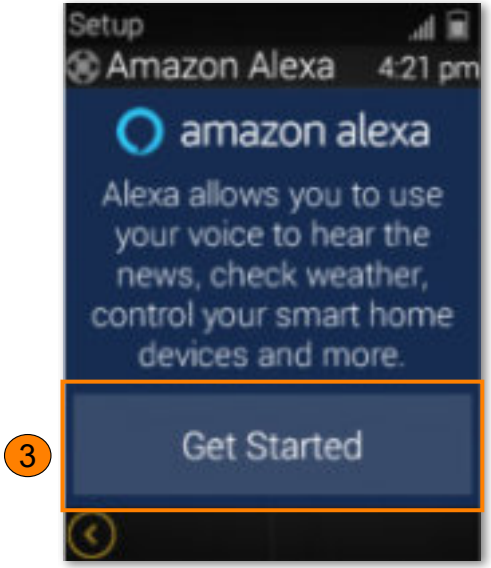
Enabling Alexa
Follow these instructions to enable the Alexa Voice Assistant Service:

1. From the **Settings Menu**, select **Voice Assistant**.

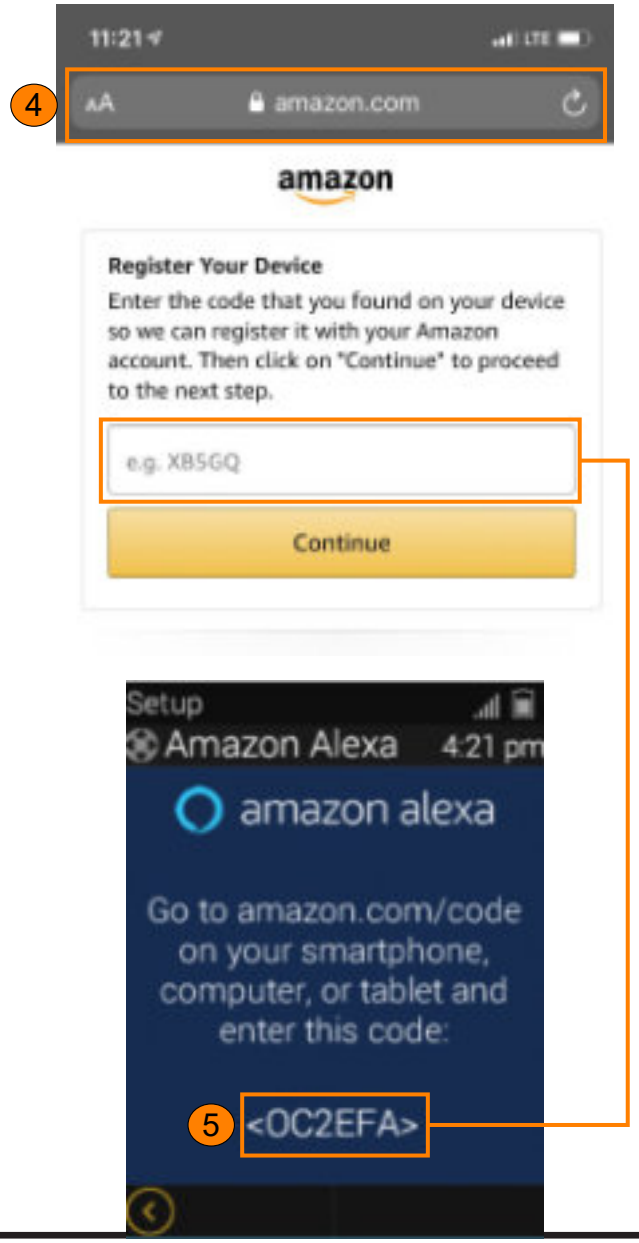


2. Select **Amazon Alexa**.
3. Select **Get Started**.



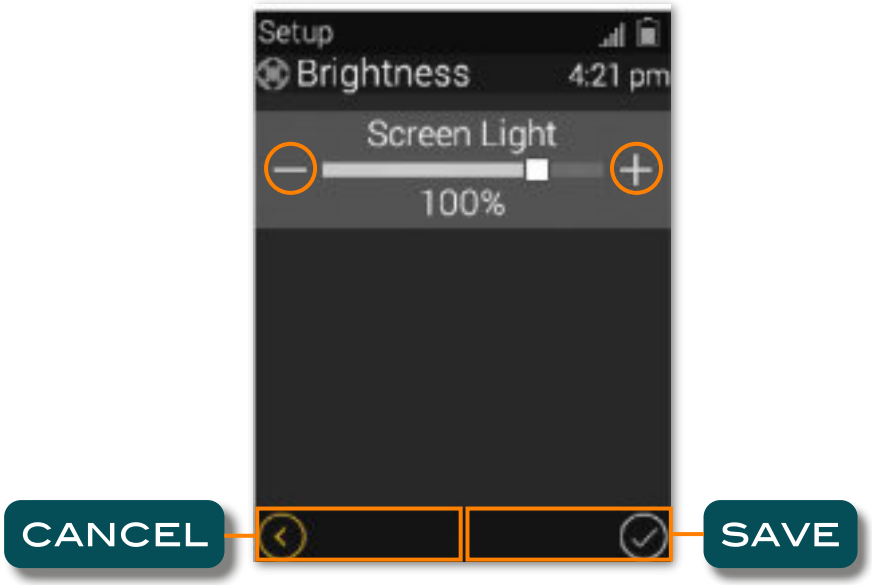


4. Open a web browser and navigate to amazon.com/code.
5. Enter the code **displayed** on the TRC-1480.



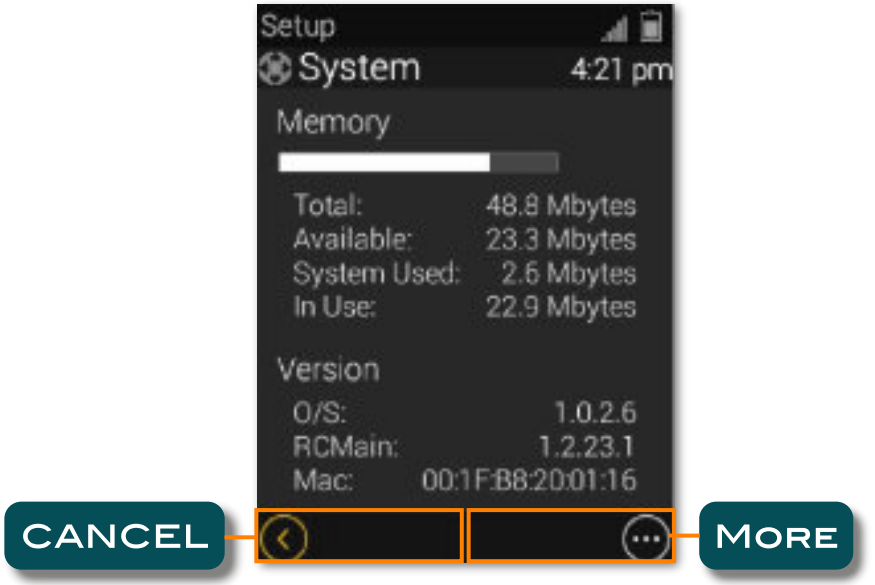
Brightness
Adjust the screen brightness by pressing the adjacent LCD buttons to increase or decrease the brightness level.

Once the brightness has been adjusted, press the **Save** button. Pressing **Cancel** reverts the remote to the last saved setting.



High brightness levels may reduce the TRC-1480's battery life.

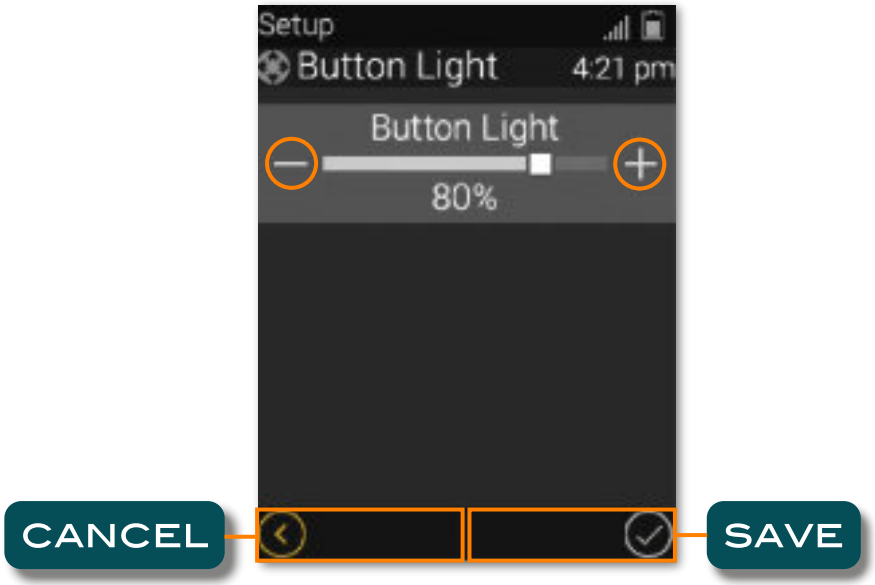
System
Displays information about the remote's operating system, memory, etc. Press the **More** button to view further system information. Pressing the **Cancel** button exits to the remote's Setup Menu.



Button Light
Adjust the brightness of the remote's button backlighting. Press the adjacent LCD buttons to increase or decrease the button backlighting.

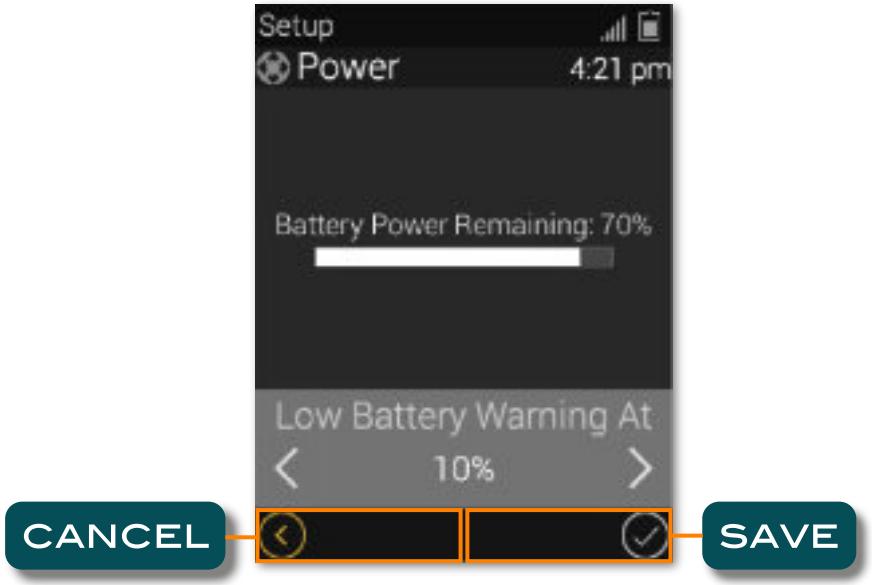
Once the button back light has been adjusted, press the **Save** button. Pressing **Cancel** reverts the remote to the last saved setting.

Brighter button light levels may reduce the TRC-1480's battery life.



Power
Displays the remote's remaining battery level. Adjust when the "Low Battery" warning screen appears.

Once the Power settings have been adjusted, press the **Save** button. Pressing **Cancel** reverts the remote to the last saved setting.

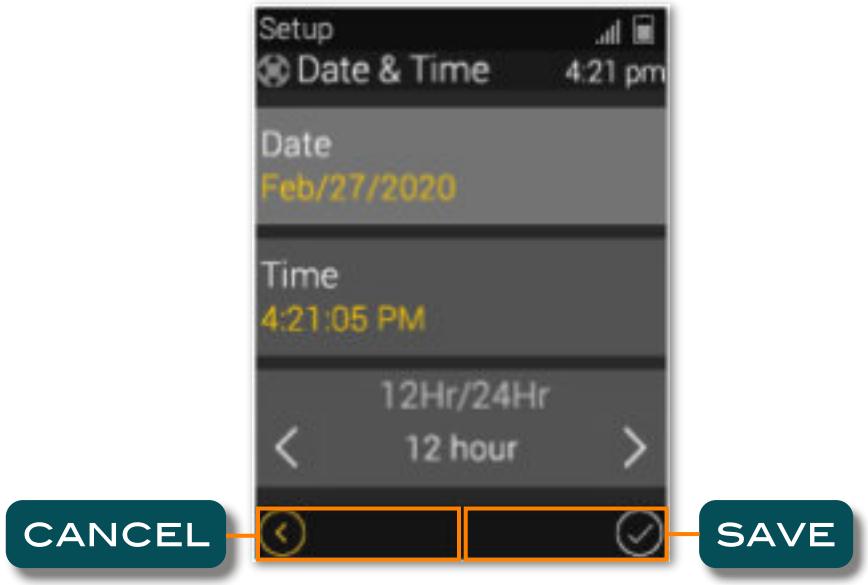


Date & Time
The remote's date and time settings have been set by your certified custom integrator. If needed, the date and time settings can be manually changed here.

If the system's date and time are adjusted, the Total Control system adopts the new date and time globally.

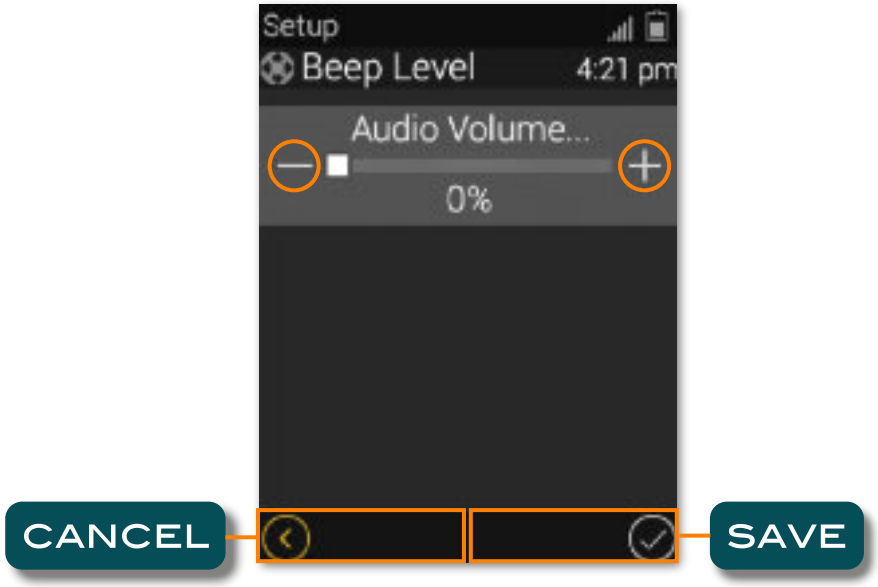
If the advanced system controller is reset, it defaults to the program's default location using the Internet. If Internet is not present, the date and time must be entered manually from a URC interface such as the TRC-1480.

Once the date and time settings have been adjusted, press the **Save** button. Pressing **Cancel** reverts the remote to the last saved setting.



Button Beep
Adjust the button "beep" of the remote. Press the adjacent LCD buttons to increase or decrease the volume level.

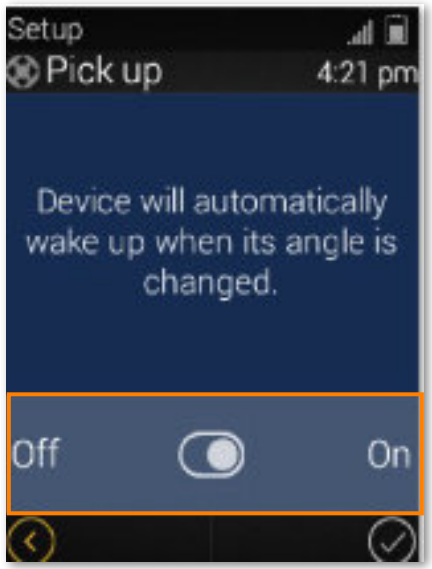
Once the sound has been adjusted, press the **Save** button. Pressing **Cancel** reverts the remote to the last saved setting.



Higher sound levels may reduce the TRC-1480's battery life.

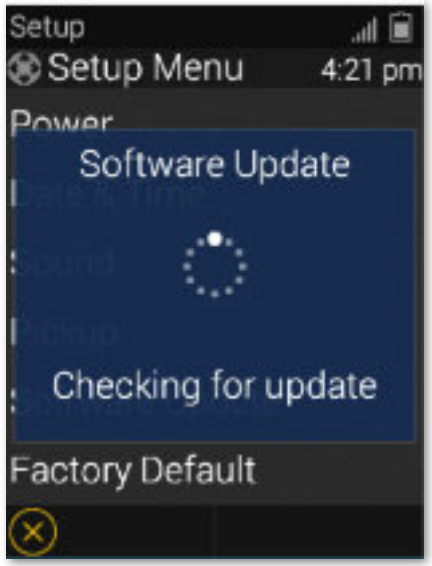
Pickup
Turn on or off the remote's pickup sensor. When enabled, the TRC-1480 turns on when the remote is picked up. Select **Yes** (turn on) or **No** (turn off).

Enabling the pickup sensor may reduce the TRC-1480's battery life.



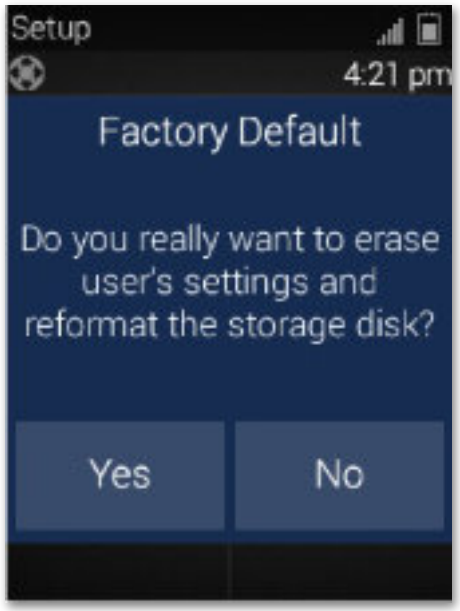
Software Update
URC's system has the ability to be programmed by a certified URC programmer remotely (after initial installation). There may be situations where the device may need to have the software update applied manually.

Select this option only when instructed by your certified URC integrator or URC's Technical Support Team.



Factory Default
Resets the memory of the TRC-1480 to the factory settings. All existing programming is erased. The device requires reconfiguration by your certified URC integrator.

WARNING! Only use this button when instructed by URC's Technical Support team.



Specifications

These are the technical specifications for the TRC-1480:

Microprocessor: ARM Cortex-A35 Core 1.5GHz x 4

RAM: 8GB eMMC, DDR3 256MB RAM

LCD: 2.4" TFT-LCD, 262K Colors, Backlight By LED

Touch Window: Capacitive Touch

Sound: Mono, Normal 1 watt

Devices: Supports up to 255 devices with text, less with heavy graphics

Usage Pages: Supports up to 255 pages on each devices with text, less with heavy graphics usage.

Macro Capability: Up to 255 steps each; however, nesting is supported.

Wi-Fi: IEEE 802.11a/b/g/n/ac

RF Output Power: 2.4 GHz band - 10 dBm, 5 GHz band - 11 dBm

Frequency Range: 2412 MHz ~ 2462MHz, 5150 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz

Battery: Lithium Polymer, 3.7V, 2100mAh, 7.77Wh

Battery Charging Time: 3 Hours

Power: 5.0V - 2.0A

Operating Temperature: 0~40°C

Size: 9.05in x 1.97in x 1.06in

Weight (with battery loaded): 7.2oz

Limited Warranty Statement

https://www.urc-automation.com/legal/warranty-statement/

End User Agreement

The terms and conditions of the End User Agreement available at https://www.urc-automation.com/legal/end-user-agreement/ shall apply.

Federal Communication Commission Interference Statement

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 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 or an experienced radio/TV technician for help.



Notified Body
TÜV Rheinland
LGA Products GmbH
Tillystraße 2
90431 Nürnberg
notified by the
Bundesnetzagentur für Elektrizität, Gas,
Telekommunikation, Post und Eisenbahnen
under No. 0197
herewith issues an
EU-Type Examination Certificate
within the meaning of Annex III Module B of the 2014/53/EU Radio Equipment Directive (RED)
for compliance with the essential requirements of this directive

Registration Number: RT 60142699 0001
Evaluation Report Nr.: 50286386 001

Manufacturer: Summit Technology, Inc
612 130, Digital-ro, Geumcheon-gu,
Seoul 08589
Republic of Korea

Product: Radio Equipment
(Remote Controller)

Type Identification: TRC-1480

Essential requirements: 2014/53/EU (RED)
Article 3.1a Electrical Safety
Article 3.1a Health
Article 3.1b EMC
Article 3.2 Radio spectrum

The technical design of the assessed type has been verified based on the technical documentation presented by the manufacturer according to Annex III Module B of the Directive. As far as the essential requirements indicated, the Notified Body of TÜV Rheinland LGA Products GmbH confirms, that the technical design of the apparatus meets the essential requirements of the Directive 2014/53/EU Article 3.
This certificate consists of this page and Annex I.
Validity of the certificate is specified in the Annex I.

Date 10.09.2019

Notified Body
Tagdem Park

Warning!

The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Regulatory Information to the User

- CE conformity Notice Products with "CE" marking comply EMC Directive 2014/30/EU issued by the commission of the European Community.
  1. EMC Directive
     - Emission
     - Immunity
     - Power
- Declaration of Conformity

"Hereby, Universal Remote Control Inc. declares that this TRC-1480 is in compliance with the Essential requirements."