

TRC-1080

Owner's Manual

Total Control™

Total Control

TRC-1080
Owner's Manual

Introducing the TRC-1080

Thank you for purchasing URC's TRC-1080 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-1080 Wi-Fi remote control for your Total Control system. The TRC-1080 connects to the local wireless network to control devices throughout your home/business automation system.

Use the TRC-1080 to navigate through Total Control's menus to control your system's audio/video devices, climate, lighting, and more.

The Total Control Rooms Menu makes controlling devices in other areas (up to 32 zones) easy and intuitive!

Features & Benefits

- **Quick Connect Wi-Fi:** When woken up, the remote connects to the wireless network (**2.4 GHz** only) almost instantly for control of your system and devices.
- **Two-way Metadata Feedback:** Experience feedback directly on the TRC-1080's display when used with an ever expanding line of 3rd Party modules (HEOS, Ecobee, Sonos and many more).

  Consult with your certified URC integrator to learn more about 3rd party integration.
- **Pick-up Sensor:** Lifting the TRC-1080 immediately wakes it up, turns on the button backlight, and quickly connects the device to the local wireless network.
- **Rechargeable Lithium Polymer Battery & Charging Cradle:** Save money and protect the environment by using the included charging cradle and rechargeable lithium polymer battery.



Requirements & Compatibility

- Total Control: When used with an MRX Advanced System Controller, the TRC-1080 is capable of controlling devices around the home/business without being within "line-of- sight" of the equipment. The TRC-1080 sends commands over the system's local area network (Wi-Fi).

Parts

- TRC-1080 Wi-Fi Remote Control
- Rechargeable Battery
- Charging Cradle
- AC Power Adapter for Charging Cradle (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.



TRC-1080



Rechargeable Battery



AC Power Adapter



Charging Cradle

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-1080'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-1080 into the cradle, so that the remote automatically aligns itself to the contacts on the charging cradle. The status light immediately illuminates.

There are two (**2**) status light conditions:

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

Two-way via Wi-Fi (2.4 GHz)
The TRC-1080 has the capability of providing two-way control on supported devices directly on the 2" LCD display. These devices must be configured into the Total Control program file, consult your custom integrator for additional details.



Using the TRC-1080

The Main Menu pages display the activities and devices in the system. 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-1080 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. **LCD Buttons:** The specific function of each button is linked to the screen icon associated to the LCD button. 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:** Comprised of up, down, left, right, and select. These buttons are used to navigate through the menus of a device.

There are four (4) buttons available that serve different functions for different devices:

- **Menu:** Displays the on-screen menu of the active device.
- **Guide:** Displays the channel guide for the device's on-screen display.
- **Info:** Displays channel information for the device's on-screen display.
- **Select:** Center button of directional keypad, used to confirm selections displayed on a viewing device.
- **Exit:** Closes out any open menus or guides on the display or return to the previous menu.

I. **Transport Buttons:** Primarily used with video or audio activities (Blu-ray, Netflix, Pandora, etc.):

- Play
- Pause
- Stop
- Record
- Skip+
- Skip-
- Rew
- Fwd

J. **Color Keys:** Can provide additional functionality to specific devices such as cable boxes and/or satellite boxes:

- Red
- Green
- Yellow
- Blue

K. **Numerical Keypad:** Numbered buttons to change channels.



Displaying the Setup Menu

The Setup Menu allows users to configure or change certain behaviors of the TRC-1080.

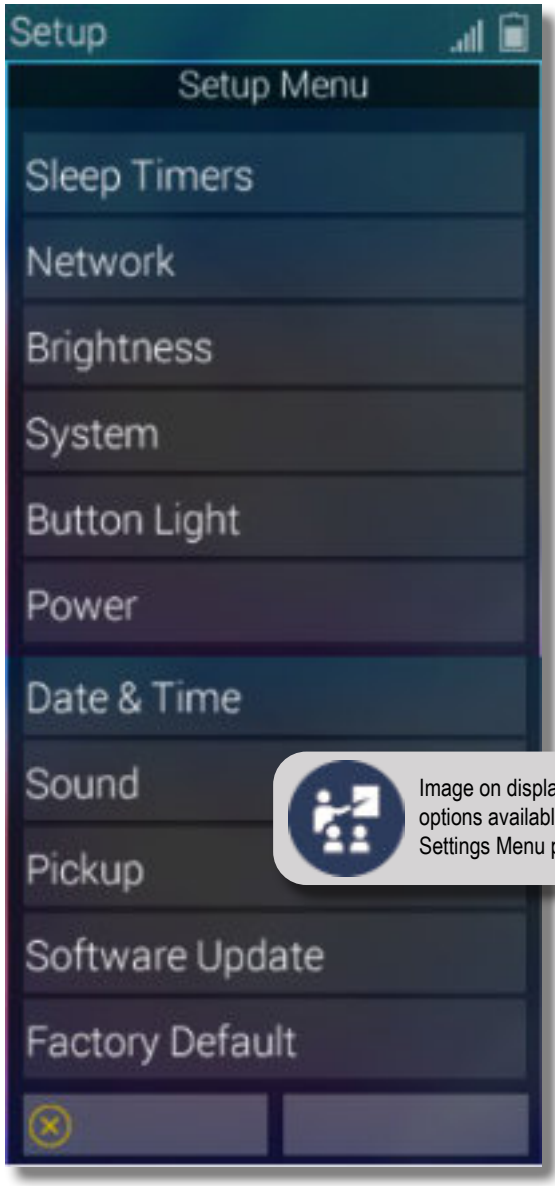
Enter the Setup Menu by pressing and holding the **Main and Enter** (see image at the right) buttons for greater than five (**5**) seconds.

The Setup Menu times out after sixty (**60**) seconds and returns the TRC-1080 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.

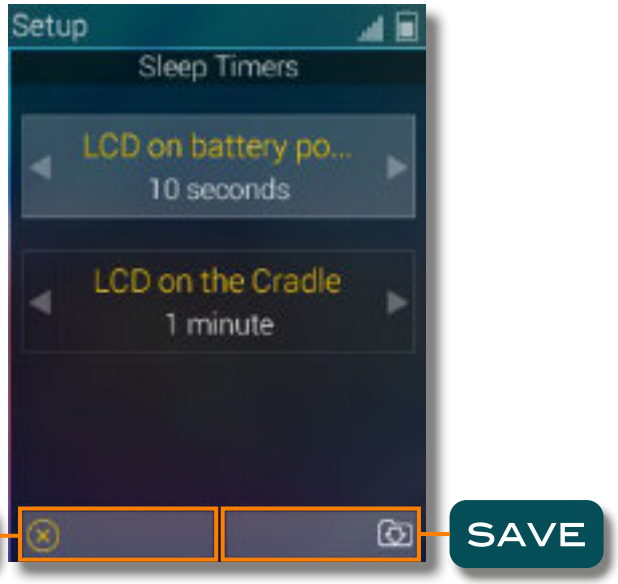




- Sleep Timers
- Network
- Brightness
- System
- Button Light
- Power
- Date & Time
- Sound
- Pickup
- Software Update
- Factory Default

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.

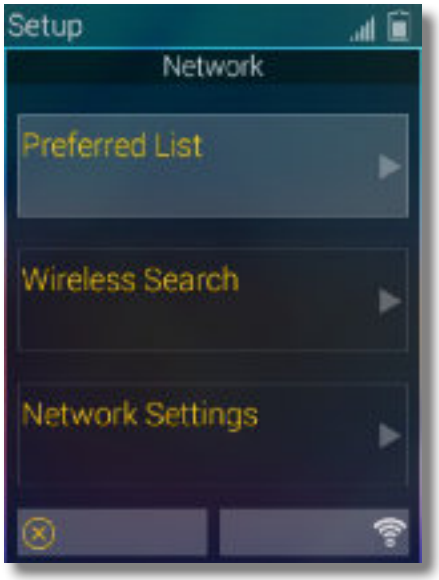


Leaving the remote's display on for long periods of time may reduce your device's battery life.

Network
The following options are displayed:

- **Preferred List:** 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.

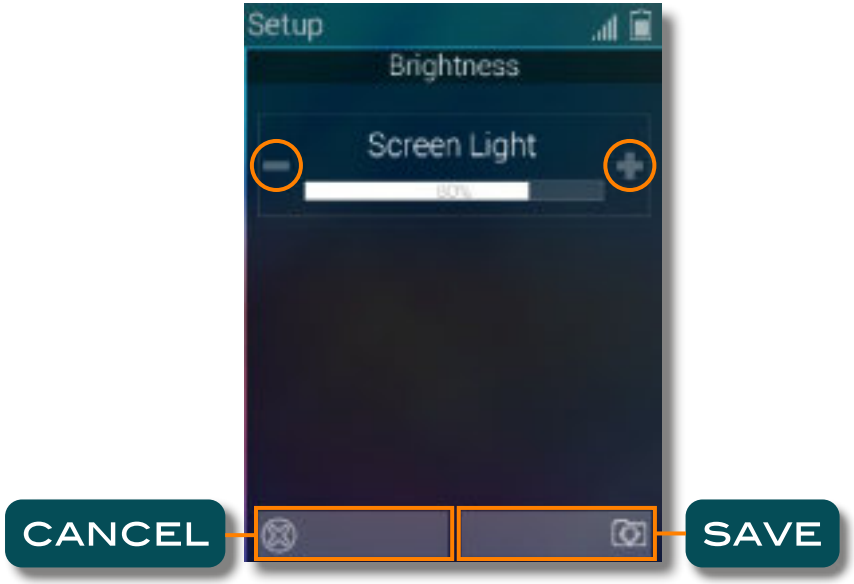
WARNING! Only use this option when instructed by URC's Technical Support team or your custom install professional.



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

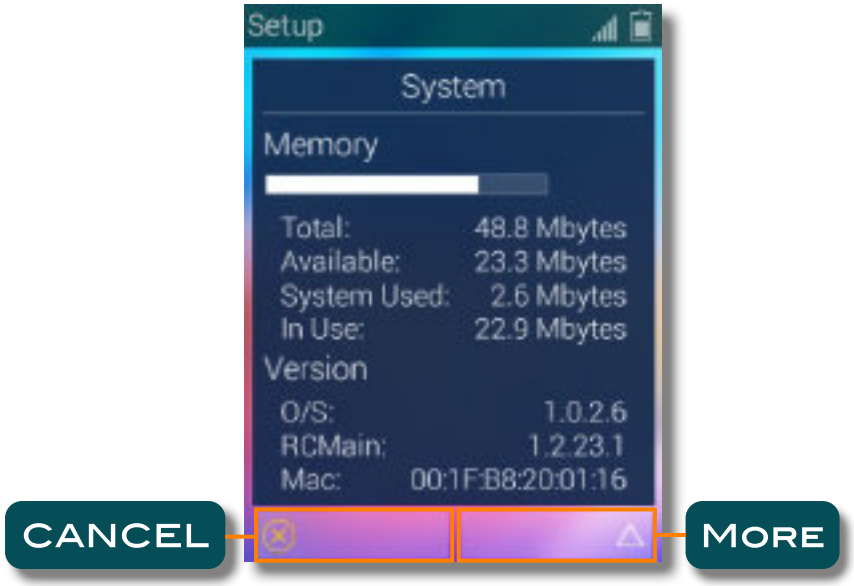
Brightness
Adjust the screen brightness by pressing the adjacent LCD buttons to increase or decrease the brightness level.

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.

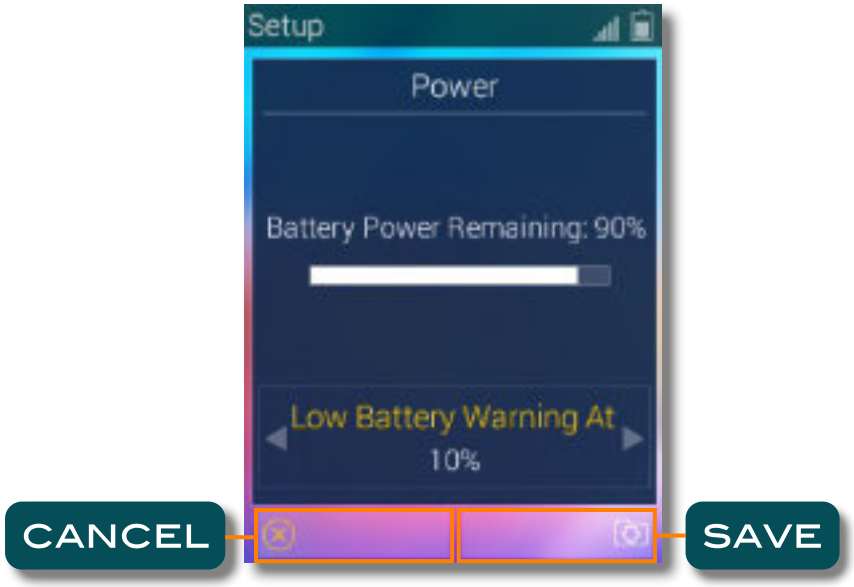
Once the button back light has been adjusted, press the **Save** button. Pressing **Cancel** reverts the remote to the last saved setting.

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.

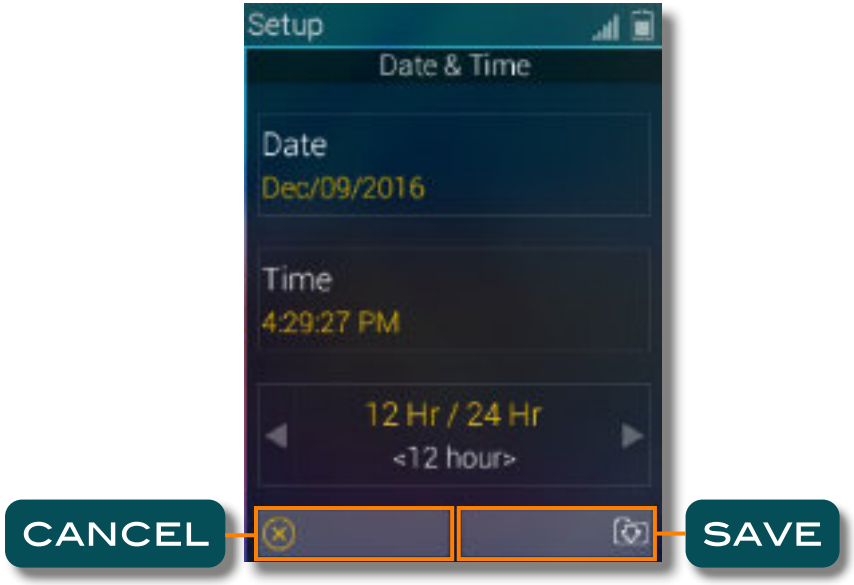


Date & Time
The remote's date and time settings have been set by your certified custom integrator. If needed, the date and time settings can be manually changed here.

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-1080.

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



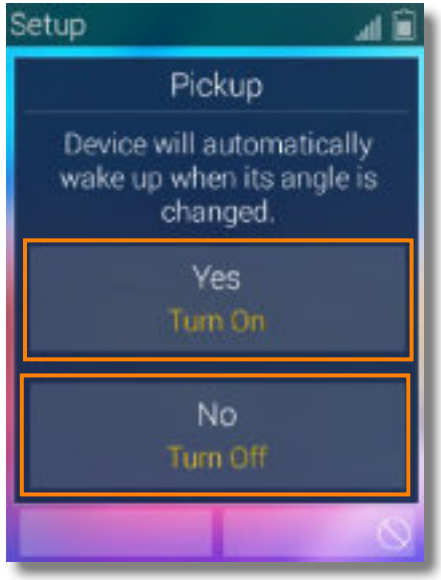
Sound
Adjust the button "beep" of the remote. Press the adjacent LCD buttons to increase or decrease the volume level.

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.

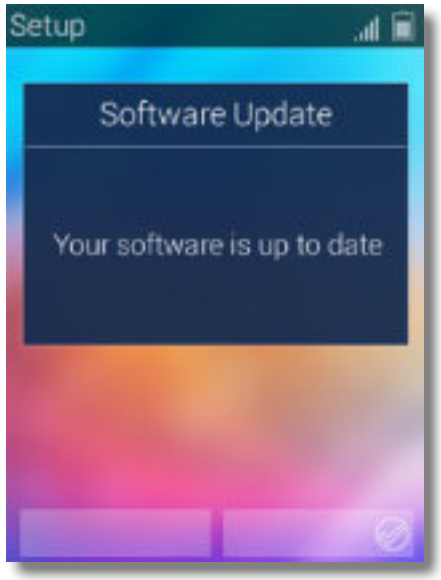
Pickup
Turn on or off the remote's pickup sensor. When enabled, the TRC-1080 turns on when the remote is picked up. Select **Yes** (turn on) or **No** (turn off).



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

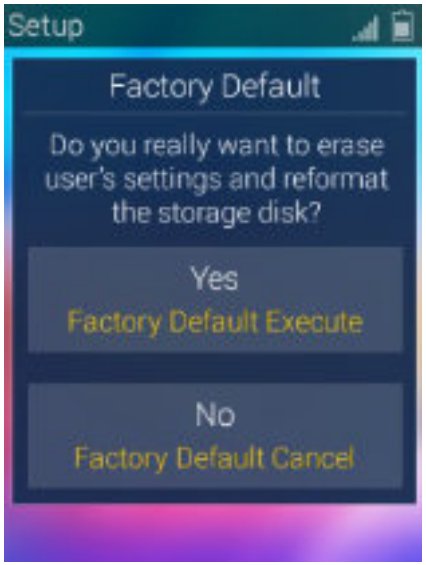
Software Update
URC's system has the ability to be programmed by a certified URC programmer remotely (after initial installation). There may be situations where the device may need to have the software update applied manually.

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-1080 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-1080:

Microprocessor: ARM9 454MHz

RAM: 64MB Mobile DDR

NAND: 128MB

LCD: 2" display (240 x 320) LCD, backlighting by LED

Sound: Mono 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

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

Wi-Fi: IEEE 802.11 b/g/n

Battery: Lithium polymer, 1,960mAh

Battery Charging Time: 5 hours

Size: 8.46" H x 2.04" W x 1.02" D

Weight (with battery loaded): 6.04oz

Limited Warranty Statement

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

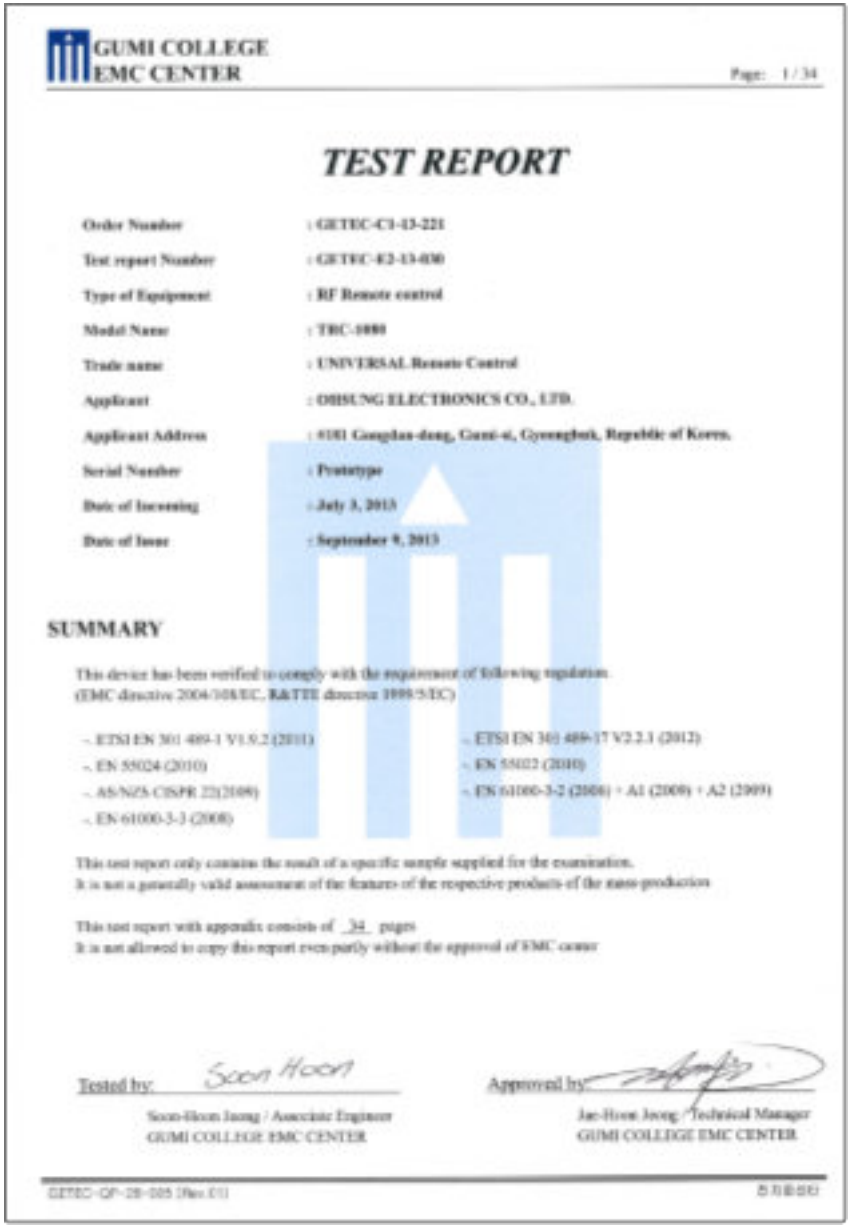
End User Agreement

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.



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TEST REPORT

Order Number	: GETEC-C3-13-221
Test report Number	: GETEC-E2-13-030
Type of Equipment	: RF Remote control
Model Name	: TRC-1080
Trade name	: UNIVERSAL Remote Control
Applicant	: OHSUNG ELECTRONICS CO., LTD.
Applicant Address	: 6181 Gongdan-dong, Gumi-si, Gyeongbuk, Republic of Korea.
Serial Number	: Prototype
Date of Incoming	: July 3, 2013
Date of Issue	: September 9, 2013

SUMMARY

This device has been verified to comply with the requirement of following regulation.
(EMC directive 2004/108/EC, R&TTE directive 1999/5/EC)

- ETSI EN 301 489-1 V1.9.2 (2011)
- EN 55024 (2010)
- AS/NZS CISPR 22(2009)
- EN 61000-3-3 (2008)
- ETSI EN 301 489-17 V2.2.1 (2012)
- EN 55022 (2010)
- EN 61000-3-2 (2006) + A1 (2009) + A2 (2009)

This test report only contains the result of a specific sample supplied for the examination.
It is not a generally valid assessment of the features of the respective products of the mass production.

This test report with appendix consists of 34 pages
It is not allowed to copy this report even partly without the approval of EMC center.

Tested by: Soon Hoon
Soon-Hoon Jeong / Associate Engineer
GUMI COLLEGE EMC CENTER

Approved by:
Jae-Hyun Jeong / Technical Manager
GUMI COLLEGE EMC CENTER

GETEC-QP-28-005 [Rev.01]

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-1080 is in compliance with the Essential requirements."