



Owner's Manual

TKP-7500

In-Wall Network

Color Touchscreen



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Control the Experience.

Universal Remote Control, Inc.

500 Mamaroneck Avenue, Harrison, NY 10528

Phone: (914) 835-4484 Fax: (914) 835-4532

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Introducing the TKP-7500

Thank you for purchasing URC's TKP-7500 In-Wall Network Color Touch-screen keypad. Its easy intuitive use will help simplify your life while adding control of more things than you thought possible.

Enjoy some key features like:

Rooms Menu



With the touch of a single button, take control of your domain.

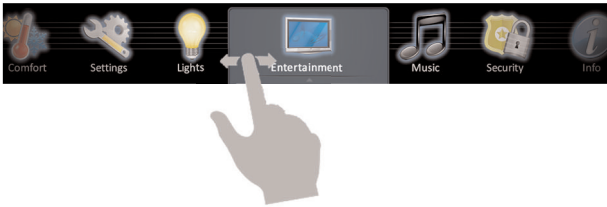
Besides the ability to temporarily link the different rooms/areas of your system for music listening, the **Rooms Menu** offers a snapshot of “what’s going on” in every room of your Total Control system. Better yet, tapping on a room will convert your keypad into a controller for THAT room. See how easy it is to keep track of what’s happening in your world... and control it!

Shortcuts Pop-Up



With all of the different options to choose from, the **Shortcut Pop-Up** allows you to save some of the most common devices/activities for easy selection. Keep up to 6 different activities at your fingertips with the **Shortcuts Pop-Up** menu.

Capacitive Touch screen



Navigation just became easier; it's as simple as a "swipe" or "flick". By incorporating gesture control, every screen can be explored by simple finger swipes while the on-board accelerometer supports flicking.

Time & Weather Module



A simple button press opens the **Time & Weather Module**; a full screen display keeping you "up to date" with today's time, date and weather conditions.

Parts List

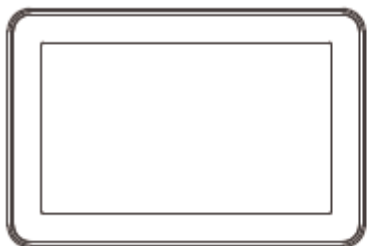
The TKP-7500 Network Keypad includes:

1 - TKP-7500

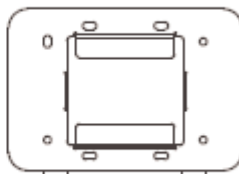
4 - Mounting Screws

1 - Mounting Ring

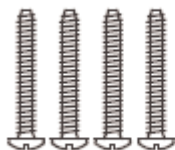
1 - Owner's Manual



TKP-7500



Mounting Ring



4 Mounting Screws



Owner's Manual

Installing the TKP-7500

The TKP-7500 is wall-mountable and fits easily into a dual-gang opening. Prior to installation, make sure power is available at the preferred location.

Power can be supplied to the TKP-7500 through an Ethernet cable connected to a PoE (power over ethernet), in either of the following ways:

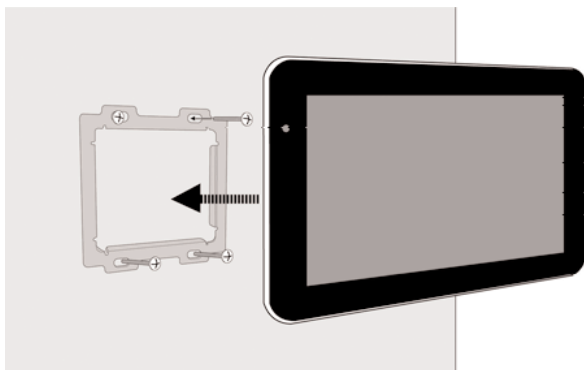
- Router/Switch
- Injector

Power over Ethernet or PoE technology describes a system to pass electrical power safely, along with data, on Ethernet cabling. The IEEE standard for PoE requires Category 5 cable or higher for high power levels.

Installation

Follow the diagram below for installation:

1. Make sure the dual-gang opening is fitted with a standard two-gang trim box (available from the local electrical supplier/store)
2. Connect the Ethernet cable to the rear of the supplied TKP-7500 wall-plate.
3. Mount the wall-plate to the two-gang retro-box
4. The TKP-7500 easily snaps into place to the wall-plate.



Adjusting User Settings on the TKP-7500

By pressing and holding the **Main** and **Mute** buttons for 5 seconds (found in the **Core Menu**) simultaneously the TKP-7500 **Settings Menu** will appear.



Simultaneously press both the **Main** and **Mute** buttons to activate the **Settings Menu**.

Settings Menu

The **Settings Menu** allows you to adjust some basic parameters of the TKP-7500 keypad.



Select these options by pressing the appropriate icon. If no icon/button is pressed for 45 seconds, the unit will revert back to the **Main** screen.

The **Settings Menu** is broken down into the following categories:

Sleep Settings: Manages how long the LCD remains ON after usage.

General: Contains settings for Time, Date and Temperature Scale

Sound: Allows control of any confirmation beeps, or the ability to disable these tones.

Brightness: Easily adjust the LCD screen's brightness level, and enable/disable the light sensor.

Vibration: Adjust the touch screen's vibration sensitivity.

System: Quickly view the Memory Usage, Firmware Version and other details about the TKP-7500.

Network: View information about the current network as well as set a Dynamic or static IP address for the TKP-7500.

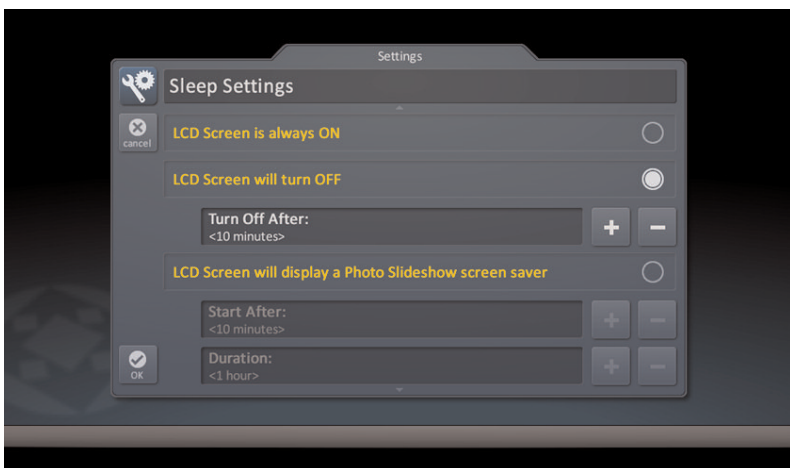
Factory Default: Reset the TKP-7500 to factory settings.

Sleep Settings

Decide upon the option that best fits the current needs.

LCD Screen is always ON: This option keeps the LCD screen illuminated at all times

LCD Screen will turn OFF: This option allows the user to decide on the amount of time that the LCD screen will remain illuminated after it is last used. The + and – buttons will adjust the time frame up or down accordingly.



LCD Screen will display a screen saver

This option will display a screen saver of the photos found on the online website, Picassa. This will start display after the time frame selected in the **Start After** box, and will continue for the amount of time dictated in the **Duration** box.

Selecting **OK** will accept any changes made and return to the **Main** menu, as well as selecting **Cancel** will return the user to the **Main** menu, without incorporating any changes.

General

The **General** settings screen allows for setting the Time, Date and decide on the scale used to display the temperature(Fahrenheit/Celsius). To view the rest of the **General** settings menu, be sure to scroll up/down.

Using the arrow found at the left and right sides of each property (hour, minutes, month, etc.) adjusts the value up, or down, respectively.

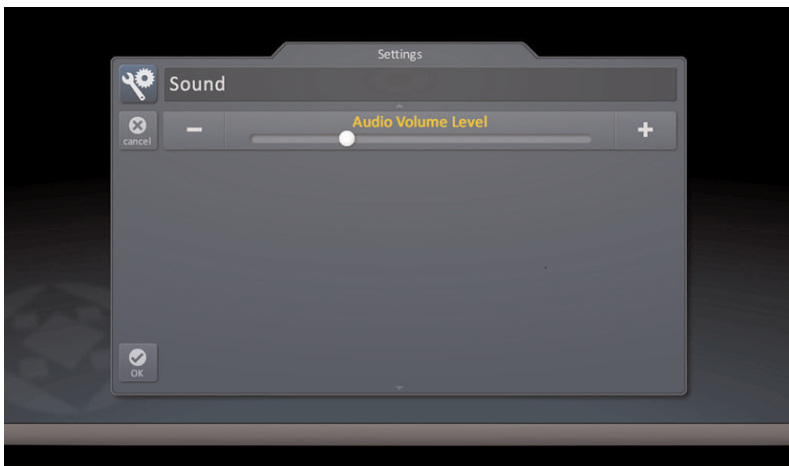


Selecting **OK** will accept any changes made and return to the **Main** menu, as well as selecting **Cancel** will return the user to the **Main** menu, without incorporating any changes.

Sound

By default, the TKP-7500 emits a low volume beep as a confirmation tone for screen presses. Use this menu to adjust the sound to your liking.

Use the + or – buttons to raise or lower the volume of the confirmation beep.



Selecting **OK** will accept any changes made and return to the **Main** menu, as well as selecting **Cancel** will return the user to the **Main** menu, without incorporating any changes.

Brightness

Determine the overall brightness of the TKP-7500's display, or incorporate a **light sensor** that will adjust the brightness of the unit based upon ambient room lighting.

Use the + or – buttons to raise or lower the level of brightness.



Selecting **Enable Light Sensor** disables the **Brightness Level** selection and dynamically adjust the LCD brightness based upon the ambient room lighting detected by the light sensor.

Selecting **OK** will accept any changes made and return to the **Main** menu, as well as selecting **Cancel** will return the user to the **Main** menu, without incorporating any changes.

Vibration

Use this menu to adjust the TKP-7500's touch screen sensitivity level.

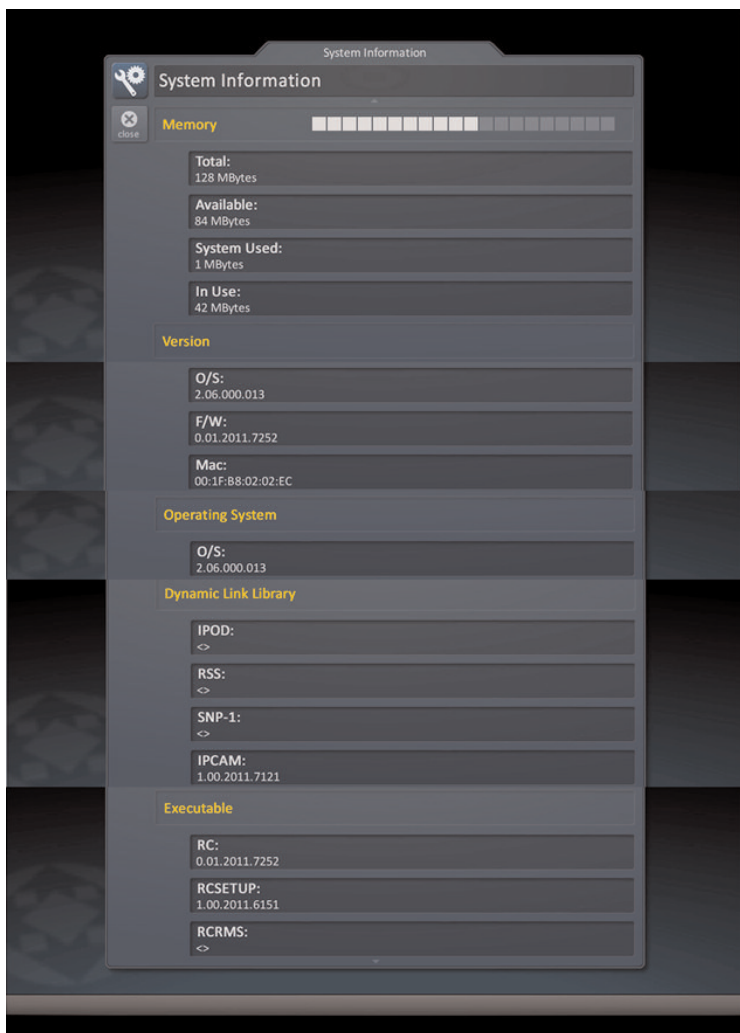
Use the + or – buttons to raise or lower the sensitivity level.



Selecting **OK** will accept any changes made and return to the **Main** menu, as well as selecting **Cancel** will return the user to the **Main** menu, without incorporating any changes.

System

Although none of the information can be modified, these **System Pages** will show important information about your TKP-7500. These pages should only be needed by a custom install professional, or technical support.

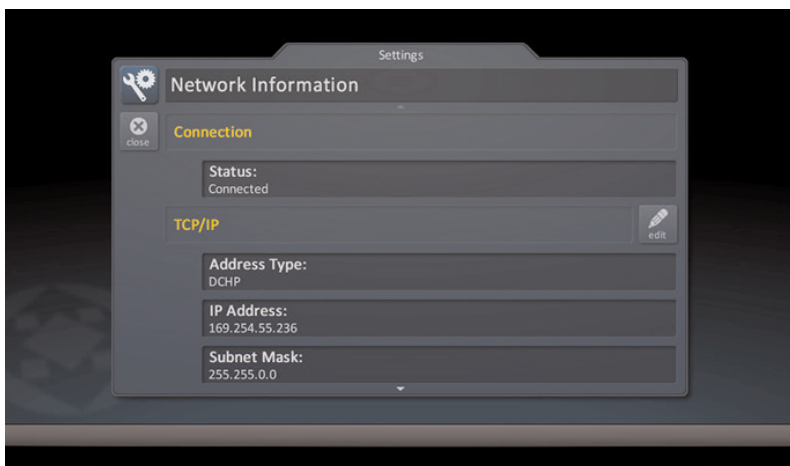


Network

This option will show important information about the current network, its settings and give the ability to edit the IP address of the TKP-7500.

Be careful, these settings should only be edited by a professional. Entering values without specific information or instruction could easily result in the TKP-7500 failing to function correctly.

The **Network Information** screen will display the **status** of the network connection (connected, not connected) as well as the current **address type** (DHCP or Static), **IP address** and **Subnet Mask**. Selecting the **EDIT** icon reveals a screen that allows for changing of the method for assigning an IP address to the keypad.



- **Obtain an IP address automatically:** this uses the DHCP method of IP addressing
- **Use the following address:** this option requires that the Static address of the keypad, as well as other network information be entered. *This is the recommended method to connect the TKP-7500*

Factory Default

This should only be attempted by a custom install professional that is familiar with Total Control, or under instruction from the manufacturer. Selecting this option will reset the TKP-7500 to factory default and the unit WILL NOT work until reprogrammed!



Specifications

Microphone: built-in type

Speaker (Mono or Stereo): Stereo (0.5W x 2)

Camera (Mega Pixel / Video Quality): 0.3Mega pixel /VGA

Microprocessor: Double of ARM Cortex-A9 Core

Memory: 4Gbytes of Flash, 512Mbyte of DDR2 SDRAM

Devices: Supports up to 255 Devices

Pages: Supports up to 255 Pages on each Device

Macro Capability: Up to 255 steps

Network: One 10/100 Ethernet port (PoE)

LCD: 7 inch (1280x800)

Weight: 12.37 oz

Size: 7.53" x 5.02" x 0.92"

Power: Standard PoE Injector or PoE Switch (Purchased separately)

Limited Warranty Statement

1. Limited Warranty and Disclaimers

Universal Remote Control, Inc. ("URC") warrants that the URC equipment shall be free from defects in material and workmanship under normal usage for one (1) year from purchase when such is purchased from URC. **This limited warranty is valid only in the United States of America.** URC warrants that the software will substantially conform in any material respect to its functional specifications at the time of delivery. URC SHALL NOT BE LIABLE FOR OPERATIONAL, TECHNICAL OR EDITORIAL ERRORS AND/OR OMISSIONS MADE IN THE URC DOCUMENTATION. URC DOES NOT WARRANT THAT THE URC SOFTWARE IS BUG-FREE OR ERROR FREE OR THAT THERE ARE NO ERRORS/BUGS IN THE URC SOFTWARE.

URC warrants that at the time of purchase the URC equipment and the URC software complied with all applicable regulations and policies of the Federal Communications Commissions ("FCC") regarding electromagnetic interference caused by electronic/computing devices and to the extent that the URC equipment and/or the URC software fails to so comply, URC shall, at its own expense, take all reasonable measures to promptly cause such to comply.

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The warranty limitations and warranty disclaimers may not apply to end user in whole or in part, where such are restricted or excluded by applicable law and such shall apply to the maximum extent permitted by applicable law.

In the event of any warranty claim, URC will, at its sole option, repair the URC equipment using new or comparable rebuilt parts, or exchange the URC equipment for new or rebuilt equipment. **In the event of a defect, these are the end user's exclusive remedies.**

All the URC equipment returned for service, exchange or repair require an RGA number. To obtain an RGA number, you must complete a Return Request Form which you may obtain by calling (914) 835-4484 or contacting URC at returnrequest@universalremote.com. To obtain warranty service, end user must deliver the URC equipment, freight prepaid, in its original packaging or packaging affording adequate protection to URC at 420 Columbus Avenue, Valhalla, NY 10595. It is end user's responsibility to backup any macro programming, artwork, software or other materials that may have been programmed into the unit. It is likely that such data, software, or other materials will be lost during service and URC will not be responsible for any such damage or loss. A dated purchase receipt, bill of sale, installation contract or other verifiable proof of purchase is required. For the URC equipment support and other important information, please visit URC's website available at www.universalremote.com or call the Customer Service Center at (914) 835-4484.

This limited warranty only covers the URC equipment issues caused by defects in material or workmanship during ordinary consumer use. It does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, third-party installation, misuse, limitations of technology, or modification of or to any part of the URC equipment. This limited warranty does not cover the URC equipment sold as used, as is, refurbished, so called "B stock" or consumables (such as batteries). This limited warranty is invalid if the factory applied serial number has been altered or removed from the URC equipment. **This limited warranty specifically excludes the URC equipment sold by unauthorized resellers.**

With the exception of URC's IR-only, broad-based consumer remotes, none of

URC's PC programmable remotes or any of our Total Control® whole-house equipment are authorized for online internet sales. Buying URC's PC programmable remotes or any of our Total Control® whole-house equipment online means buying equipment that does not have a URC's limited warranty. Such equipment is not eligible for URC tech support or software support, either.

2. URC'S Limitations of Liability

IN NO EVENT SHALL URC BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, EXEMPLARY, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY KIND OR LOSS OF PROFITS OR BUSINESS OPPORTUNITY, EVEN IF URC IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

IN NO EVENT SHALL URC BE LIABLE FOR LOSS OF OR DAMAGE TO DATA, COMPUTER SYSTEMS OR COMPUTER PROGRAMS. URC'S LIABILITY, IF ANY, FOR DIRECT DAMAGES OF ANY FORM SHALL BE LIMITED TO ACTUAL DAMAGES, NOT IN EXCESS OF AMOUNTS PAID BY END USER FOR THE URC EQUIPMENT.

IN NO EVENT SHALL URC BE LIABLE FOR ANY EVENTS BEYOND ITS CONTROL, INCLUDING ANY INSTANCE OF FORCE MAJEURE. IN NO EVENT SHALL URC BE LIABLE FOR THE ACTS OR OMISSIONS OF END USER OR ANY THIRD PARTY.

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URC SHALL NOT BE HELD RESPONSIBLE FOR THE STATEMENTS MADE BY OTHERS.

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End User Agreement

The terms and conditions of the End User Agreement available at www.universalremote.com/eua.php 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.

Warning!

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

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC Caution

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.