



## Owner's Manual

### TKP-100 Keypad



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## Introduction

Congratulations on your purchase of the TKP-100 In-wall keypad! The TKP-100 is an elegant, single-gang network keypad that blends simplicity and one touch control of your URC Lighting system or URC Whole House Music system.

## Features and Benefits

Decora Style In-wall network Keypad:

- Decora Style in-wall keypad accepts all standard Decora style cover plate (not included).

Backlit Buttons with Status Indication for URC Music Control:

- Five standard backlit buttons change to amber, when pressed. If the TKP-100 is configured to control a URC Music System, the "Source Selection" buttons will remain amber to indicate which music source is selected. When the room is turned off, the source button will return to the default state (white).
- One rocker style backlit button changes to amber when pressed, and then returns to its default state when released.

URC Lighting Control and URC Music Control button Two sets included:

- Two sets of buttons are included in the TKP-100 box, to accommodate either URC Lighting applications or URC Music System applications.

Custom Buttons available:

- Custom buttons are available from URC.  
Consult your URC Certified Dealer for more information.

Available in White, Black and Almond

## Parts Guide

The TKP-100 Keypad includes:

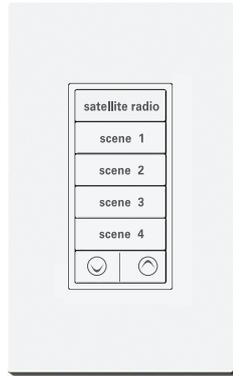
- |   |  |
|---|--|
| 1 - TKP-100 In-wall Keypad  | 2- 6/32 Device Mounting Screws                   |
| 12 - Interchangeable Buttons for URC Lighting Control and URC Music Control | 1 - Owner's Manual<br>(Cover Plate not included) |

## TKP-100 Button Descriptions

The front panel consists of 6 rows of replaceable buttons. Your whole house custom installer can customize the keypad layout for either music or lighting control.



Music



Lighting

### Music Control

To listen to music, simply press the "On" button or a music source, such as Pandora, internet radio or iPod.

To increase or decrease the volume, press the up or down arrow.

Turn off the whole house music by pressing "Off".

When a button is pressed it blinks orange for as long as the button is held.

### Lighting Control

Select one of the scenes. The scene lights up in orange until the room has been brightened or dimmed, or the scene is changed.

Press the up or down arrow to "adjust" the brightness or dimness of the selected room light.

## Frequently Asked Questions

### **Can I change the button layout of my TKP-100 myself?**

No, the buttons correspond to the programming done by your URC Certified Dealer. To make any changes to your TKP-100 button layout contact your URC dealer to discuss your request. There may be an additional charge associated with changing button layouts after a TKP-100 has been installed in your system.

### **I decided I would like to have different button labels added to my TKP-100 keypad, how do I make that happen?**

Contact your URC Certified Dealer who can order and install buttons with different labels. There may be an additional charge associated with changing out buttons after a TKP-100 has been installed in your system.

### **Are "Blank" buttons available for the TKP-100 keypad?**

Yes, "Blank" buttons are available through a Certified URC Dealer.

### **My TKP-100 is not working, or has locked up, what do I do?**

You can reset the TKP-100 keypad by pressing and holding the top button and the button at the lower left for five seconds. If resetting the TKP-100 does not solve your problem, contact your Certified URC Dealer for assistance.

## Specifications

**Microprocessor:** 55MHz RISC

**Memory:** 4 Megabits of Serial Flash, 512KB Flash, 128KB SRAM

**Macro Capability:** Unlimited via the MRX-10

**Network:** One 10/100 Ethernet port (Indicator 2 LED, PoE)

**Indicator:** On/Off LED 7 Button (Orange/White)

**Power:** PoE

**Size:** 4.12" x 1.75 x 1.25" (H x W x D)

**Weight:** 0.18 lbs. (0.082Kg)

# Limited Warranty Statement

## 1. LIMITED WARRANTY AND DISCLAIMERS

Universal Remote Control, Inc. ("URC") warrants that URC equipment purchased directly from URC or from an authorized URC dealer or distributor shall be free from defects in material and workmanship under normal usage for a period of one (1) year from the date of purchase of the product by the end-user, but no longer than thirty-six (36) months from the date of shipment of the URC equipment by URC to an authorized URC dealer or distributor, except that with respect to Total Control® whole-house products, the warranty extends for two (2) years from the date of purchase by the end-user, but no longer than forty-eight (48) months from the date of shipment of the URC equipment by URC to an authorized URC dealer or distributor.

**This limited warranty is valid only in the United States of America.**

**URC equipment purchased from other than an authorized URC dealer or distributor is without warranty.**

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 Commission ("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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WITHOUT IN ANY WAY LIMITING THE GENERALITY OF THE OTHER PROVISIONS HEREIN, THIS LIMITED WARRANTY DOES NOT COVER: (I) DAMAGE FROM MISUSE, NEGLIGENCE OR ACTS OF NATURE, (II) MODIFICATIONS, (III) INTEGRATION WITH THIRD PARTY CONTENT, OR (IV) BEYOND THE WARRANTY PERIOD AND/ OR FAILURE TO FOLLOW URC WARRANTY CLAIM PROCEDURE.

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](mailto: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](http://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 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.

THE LIMITATIONS OF LIABILITY MAY NOT APPLY TO END USER IN WHOLE OR IN PART, WHERE SUCH ARE RESTRICTED LIMITED OR EXCLUDED BY APPLICABLE LAW AND SUCH SHALL APPLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW.

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

SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO END USER. THIS LIMITED WARRANTY GIVES END USER SPECIFIC LEGAL RIGHTS AND END USER MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR JURISDICTION TO JURISDICTION.

## End User Agreement

The terms and conditions of the End User Agreement available at [www.universalremote.com/eua.php](http://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.

## Regulatory Information to the user

### ■ CE conformity Notice

Products with “CE” marking comply EMC Directive 2004/108/EC issued by the commission of the European Community.

#### 1) EMC Directive

- Emission : EN 55022
- Immunity : EN 55024
- Power : EN-61000-3-2, 3

### ■ Declaration of Conformity

“Hereby, Universal Remote Control Inc. declares that this TKP-100 is in compliance with the Essential requirements and other relevant provisions of Directive 1999/5/EC.”



Certification	CE
Type No.(Model No.)	TKP-100
Batch/Serial No.	-
Power Rating	48.0V  .32A

# Declaration of Conformity

Company Name : Universal Remote Control Inc.  
Company Address : 500Mamaroneck Avenue, Harrison, NY 10528, U.S.A  
Contact Info rmation : [www.universalremote.com](http://www.universalremote.com)  
Phone: (914)835-4484 Fax: (914)835-4532  
Brand Name : UNIVERSAL remote control  
Product Name : In-Wall Keypad  
Model Name : TKP-100

This product herewith complies with the requirements of EMC Directive (2004/108/EC) issued by the Commission of the European Community

Compliance with these directives implies conformity to the following European Community

- EMC Directive
  - EN 55022
  - EN 55024
  - EN 61000-3-2
  - EN 61000-3-3

List of test reports and/or certificate verified compliance with the standards above

- EMC Directive
  - Report No.
  - Testing Laboratory : Gumi College EMC Center

Date of issue : November 30, 2010

Name and signature of authorized person : James Novak  
Senior Product Manager  
Universal Remote Control Inc.







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