



**APPENDIX H**  
**: USER'S MANUAL**

# TDC-7100 Owner's Manual



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## Introducing the TDC-7100

Thank you for purchasing the TDC-7100 table top networking keypad. Its easy intuitive design helps to simplify your life while adding control of more things than you thought possible.

Enjoy some key features like:

### Audio Video Intercom



Easily communicate throughout your home using the Audio Video Intercom feature amongst all Intercom enabled devices, including Total Control Mobile devices (iOS and Android), on the network. You can also make sure the baby is safe and sound by viewing the baby monitor right on the TDC-7100.

### Proximity Sensor



The TDC-7100 comes to life and is ready for action as it automatically senses how close you are to the keypad. Utilizing its proximity sensor, it can detect distances from up to 100cm away, this setting can be adjusted from within the Settings menu.

### Inductive Charging



Readily charge the TDC-7100 with its sleek, easy to place charging dock. This quickly charges the keypad in approximately five (hours) and holds a charge for up to three (3) days.

## Wi-Fi Ready



Connecting to the network is made easy with built in Wi-Fi on the TDC-7100. It seamlessly connects to your network with the Quick Wi-Fi feature and can be used anywhere in the home, where wireless signal is available.

## Parts List

Included with the TDC-7100:

1x - TDC-7100

1x - TDC-7100 Inductive Charging Dock



**TDC-7100**



**Charging Dock**

## Main Menu Navigation

Although specific screen design and certain options are dictated by the custom integrator that programmed the Total Control system, the general layout remains the same. Actual navigation is performed through screen swipes (*Up/Down, Left/Right*) while selecting any item is as simple as pressing the icon/text to be selected.



*The MAIN menu screen may be programmed any number of ways; however, the general layout remains the same throughout*

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## Title Bar

The **Title Bar** is present on all TDC-7100 screens and contains valuable information during normal use. Easily find out the time, weather, now playing and the room that the keypad is controlling.



## Time & Weather

This data, found on the left-hand side of the Title bar shows the current time, date, and weather information. Pressing this area of the **Title Bar** opens the **Time & Weather Module**. For information about this module, refer to the Time & Weather Module section, later in this manual.



Time & Date / Weather

## Current Room

The current room portion of the **Title Bar** shows the room that the TDC-7100 is controlling. Remember, in a Total Control system, although each room's keypad defaults to control the room in which it is placed, using the Rooms Menu allows it to control any other room in the system.



Current Room

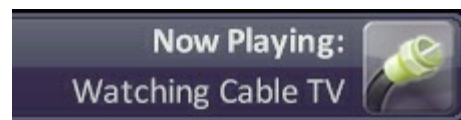
## Now Playing

Appearing on the right-hand side of the Title Bar, this displays the source that is currently being used in the room that the keypad is controlling.

- The Now Playing display shows the device that is being used (in this case, William's iPod), associated artwork, and metadata information is displayed since it is a URC media device. *The metadata changes every five (5) seconds rotating between song, artist, and album.*



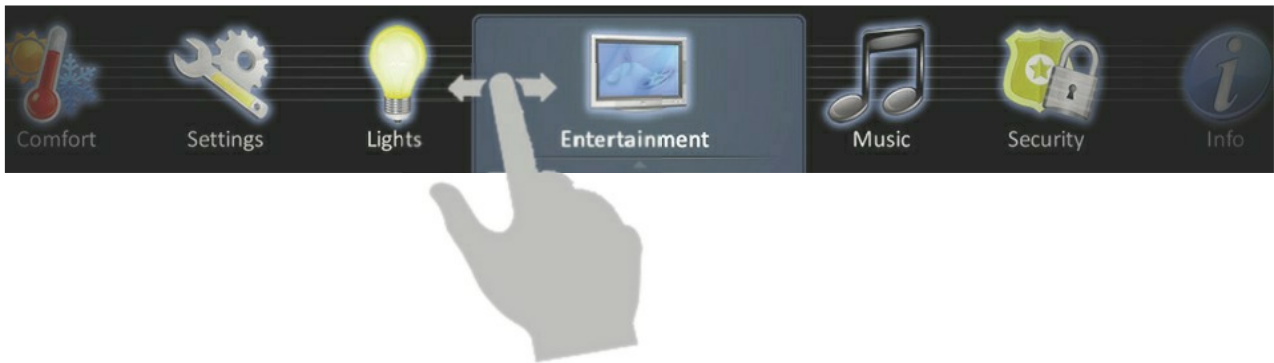
- If an activity is being performed (like DVD or cable) in the selected room, the Now Playing section displays the activity:



*If an activity is being performed in the selected room, the Now Playing bar describes the activity.*

## Category/Device Ribbon

This ribbon shows the various categories of control that are available to the selected room. The quantity of categories is determined by the system setup and can vary from one to however many categories were programmed by the system designer.



Although only seven categories can fit on the screen at any moment, navigate to other categories (*if available*) by swiping left or right.

Select a **category** by pressing the appropriate icon; this reveals the devices/activities available for that category (*submenus*).

### Device List

Submenus contain the devices/activities that were placed in the chosen category by the system programmer.

**Scroll up or down** through the list by swiping upwards or downwards, select a device/activity by pressing its icon.





## Vol-, Vol+, & Mute

These audio controls affect the volume for the room to which the TDC-7100 is assigned. See the **Rooms Menu** section of this manual for more details.



## Main

Selecting this button always returns the user to the **Main** screen.



## Shortcuts

These user-configurable shortcuts allow the end-user to store up to six (6) favorite activities. For more information about using short cuts, refer to the **Using Shortcuts** section of this manual.



## Rooms

This button opens the Rooms menu which allows you to take control of any room programmed into your Total Control system. For more information on the Rooms menu, please refer to the Rooms Menu section.



## Power Menu

This button opens the Power menu which gives you the ability turn off the entire home, a single room, and more. Refer to the Power Menu section for more information.

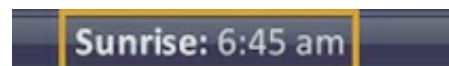


## Status Bar

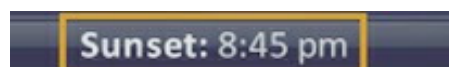
The Status Bar, located directly above the **Core Buttons**, provides valuable status and feedback of the Total Control System. The four sections of the Status Bar are determined by the system programmer and are customizable per keypad. It is not possible to explain how your keypad looks; however, after reviewing the following possibilities, there should be no need for further explanation.



**Sunrise Time:** Updated at midnight every day, this shows the sunrise time for the next day.



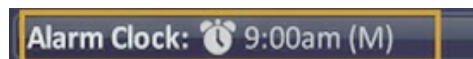
**Sunset Time:** Updated at midnight every day, this shows the sunset time for the next day.



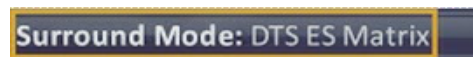
**URC Thermostat Temperature:** If a THZ-100 (URC's thermostat) is included in the home, this shows the current temperature status based upon the internal sensor, additional sensor, or the mean temperature of both.



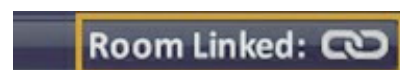
**Alarm Clock:** If the room being controlled has an Alarm that is set to activate for that room, the status bar displays an alarm clock icon and the next scheduled time/day.



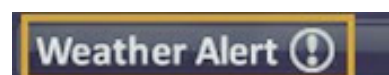
**Surround Mode:** When used with URC's DMS-AV Surround Processor, this displays the current surround mode of the processor.



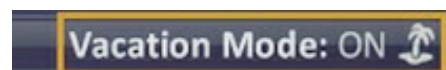
**Room Linked Status:** Whenever the chosen room/area is "linked" to other rooms, this shows a link acknowledgement and icon.



**Weather Alerts:** Based on the current location entered by the system programmer, the words "weather alert" appear if an automatic alert is received via Internet.



**Vacation Mode:** Whenever the Vacation Mode is activated for the Total Control system, the status bar displays "Vacation Mode: ON".



## Audio Video Intercom Menu

The Intercom module communicates with other installed TDC-7100's via audio, audio & video, or a baby monitor. In order to use the intercom it must first be enabled within the Settings screen.

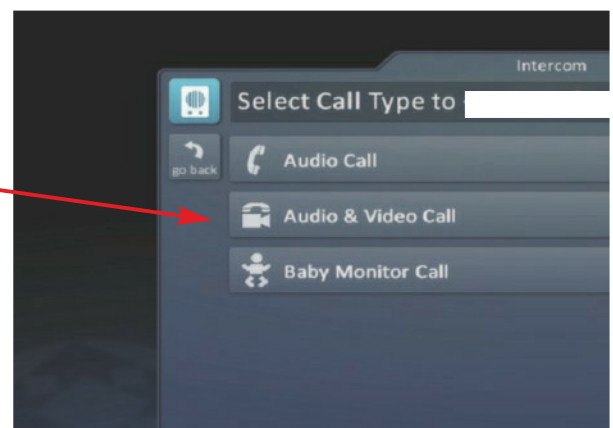
### Using the Intercom

1. Touch the screen and navigate through the Category ribbon (scroll left or right) to locate the **Intercom** icon.
2. Press the Intercom icon.
3. A list of available client (other TDC-7100 clients) are shown. Select an available client. *To call multiple client, refer to the **Audio Broadcast** section.*



4. When an available client is selected, you have the option to select from audio only, audio and video, or a baby monitor. *Ensure audio and video is enabled within the Settings menu.*

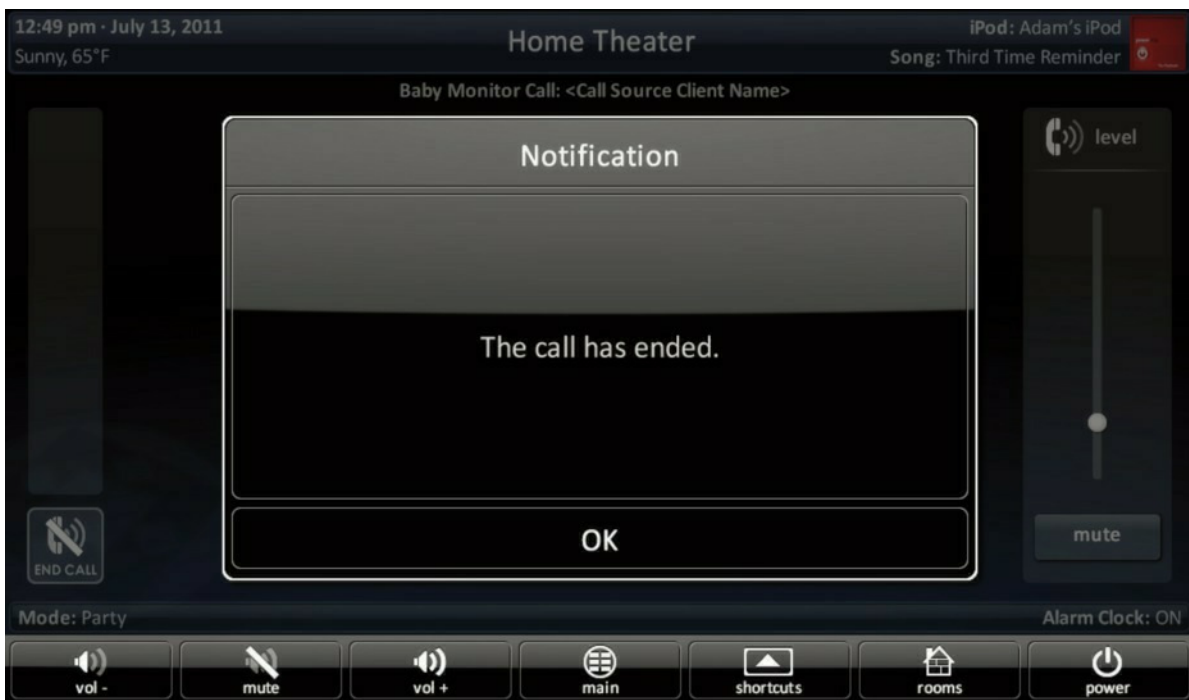
- Audio: Two-way communication between clients and via audio only.
- Audio and Video: Two-way communication between clients via audio and video.
- Baby Monitor: One-way communication to view and listen to a room where the secondary client cannot hear or see you.



5. After selecting an option, the TDC-7100 turns the unit's camera **ON** (*audio & video or baby monitor ONLY*) displaying an onscreen image of the selected client. *Image below displays the audio/video intercom feature.*



6. Pressing the **End Call** button displays an onscreen message concluding the call.



## Using Audio Broadcast

Simultaneously communicate to two or more TDC-7100 clients.

1. Touch the screen and navigate through the Category ribbon (scroll left or right) to locate the **Intercom** icon.
2. Press the **Intercom** icon.
3. Select **Audio Broadcast**.



4. Select **available clients** from the Audio Broadcast call list and press **Ok** to begin the intercom call.



5. The call broadcast to all selected clients.
6. Press **End Call** to conclude the intercom session.





## Using Do Not Disturb

### Turning ON Do Not Disturb

Setting the TDC-7100 to do not disturb renders the client unavailable for intercom communication with other clients. (Note: This option is always at the bottom of the Intercom list.)



1. Touch the screen and navigate through the Category ribbon (*scroll left or right*) to locate the **Intercom** Icon.
2. Press the **Intercom** icon.
3. Press Set **Do Not Disturb Mode**.
4. Now this TDC-7100 is unable to receive communication (*àudio, audio and video, baby monitor or audio broadcast*) from other clients.

### Turning OFF Do Not Disturb

Turning off the do not disturb feature re-enables the client to receive audio and video communication. (Note: this option is always at the bottom of the intercom list.)



1. Touch the screen and navigate through the Category ribbon (*scroll left or right*) to locate the **Intercom** icon.
2. Press the **Intercom** icon.
3. Press **Turn Off Do Not Disturb Mode**.

## Power Menu

When pressed, this performs the **Room Off** function programmed by the custom integrator.

If this button is pressed for greater than three (3) seconds, the **Power Menu** appears.



In this menu, it is possible to:

- Turn Off the ROOM (*this is the same as tapping the Power button*).
- Issue the House Off command, as programmed by the custom integrator.

Custom commands, programmed by the custom integrator, may also appear in this menu.

## Rooms Menu

The **Rooms Menu** is the “landing” screen for the TDC-7100. This menu (see picture below) displays whenever the keypad reboots, loses/regains power, or is rest. The most common choice would be to select the room where the TDC-7100 is physically located; however, this is up to the user.

The Rooms Menu is used to:

- **Temporarily Link** rooms in a Total Control DMS system. This allows all of the linked rooms to listen to the same audio source and join the volume commands into a single interface.
- **Monitor** the status of other rooms in the Total Control project.
- **Control** any other room in the Total Control projects as if it were a keypad in that room. This is dependent upon the programming done by the custom integrator.



## Room List Buttons

- Each room listing has an associated box and action buttons.
- The **Exit** button returns the user to the last screen used.
- Selecting the room name allows for control of that room (*see Selecting a Room*)



## Initial View (Room Monitoring)

When the **Rooms Menu** opens up, the room list populates with all of the rooms in the Total Control project. Each room displays its **status** so the user can visually see what is “going on” in that room.



The Exit button returns the user to the previous screen.

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## Selecting a Room (Room Control)

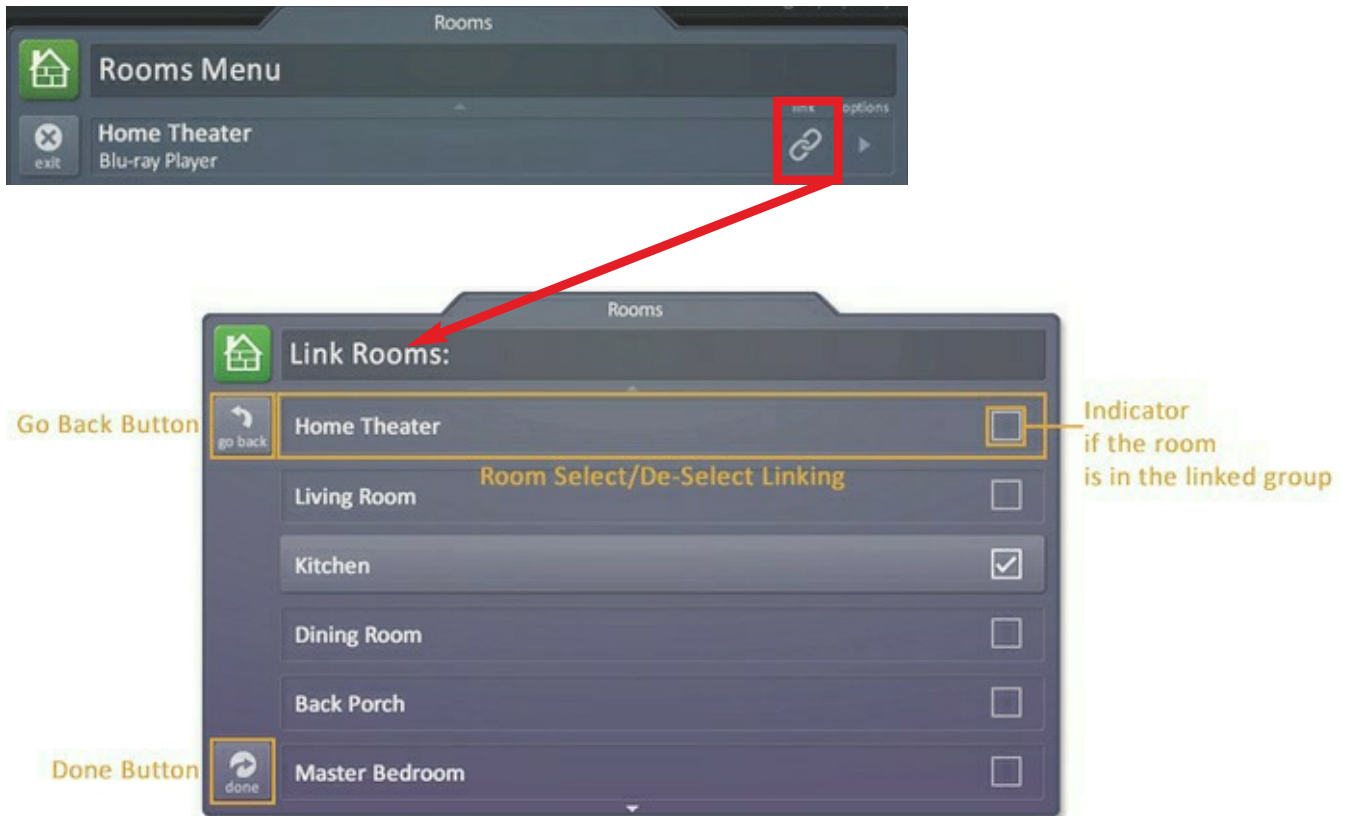
To select a room, simply tap the room name on the pre-programmed list. This allows the TDC-7100 to control that room as if it were physically there.



Returning the keypad to control the room where it is physically located requires accessing the **Rooms Menu** and selecting the appropriate room.

## Linking Rooms (DMS Audio Only)

Selecting the **Link Rooms** button opens up the **Link Rooms** screen with the current room already selected. **Only** rooms/areas that are part of the **DMS family** of products appear on this menu.



- Select, using the **check boxes**, the rooms that you would like to LINK. Pressing the check box alternately "check" and "uncheck" it.
- The **Go Back** button cause the screen to revert to the Rooms Menu without making any changes.
- The **Done** button temporarily saves the checked rooms as a **linked group** that can be controlled from any of the linked rooms.

Linked Rooms are saved until the power is turned OFF, or the user manually de-links the room(s)

## Using Linked Rooms

Once a room is linked, pressing the volume or mute buttons for that room causes the Linked Rooms Volume Pop-Up to display.



*This menu displays the volume levels for all room in the temporary group.*

- Selecting **All Linked Rooms** results in the volume and mute commands to operate ALL rooms (e.g. *Volume Up* causes the volume in all linked rooms to rise simultaneously, and at the same rate.)
- Selecting an individual room in the **Linked Room List** allows the volume and mute buttons to adjust sound **ONLY** for the room chosen.

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## Room Options

Selecting the Room Options button for a room causes the menu to expand and offer the user various options to control the room.



- **Lights Off:** If the URC controlled lights are located in the selected room, the Options menu displays a light bulb icon. Selecting this icon issues a "lights off" command for the chosen room.
- **Power Off:** Selecting the power icon issues a "room off" command for the selected room. The default for this command is to turn off all audio and video device in that room; however, this may have been altered by the system programmer.

## Shortcuts Pop-Up

The **Shortcuts Pop-Up** menu is designed to give the user the ability to select their most frequently used devices/activities and place them within an easy to reach menu.



There are a maximum of six (6) shortcuts per room location.

Remember, regardless of the physical location of the TDC-7100 it may still access, via the **Rooms Menu**, any of the other rooms in the Total Control system (dependent upon programming). Each room can be assigned up to 6 shortcuts in this menu.

Only items that appear in the currently selected room are available to be added to the Shortcuts Pop-Up.

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## Using the Shortcuts Pop-Up

Select the **Shortcuts Pop-Up** by pressing the **Shortcuts** icon in the Core Menu.

Using Shortcuts is easy, simply press on the Shortcut icon you want to open and the TDC-7100 opens that device.



If the screen is not touched, after 60 seconds the **Shortcut Popup** will close and the TKP-7500 will revert to its previous screen.

Selecting a shortcut is the same as navigating to that same icon (*within the submenu*) and selecting it.

## Add/Edit Button

To add devices/activities to this menu by selecting the **Add/Edit** button in the **Shortcut Popup**.



This opens the **Shortcuts Add/Edit** screen, which will allow the user to scroll through all of the devices/activities available to that room.

Select up to six (6) devices/activities by selecting the check box shown for each possibility. Once all are chosen, the remaining devices/activities are grayed out to show there are no more choices to be made.

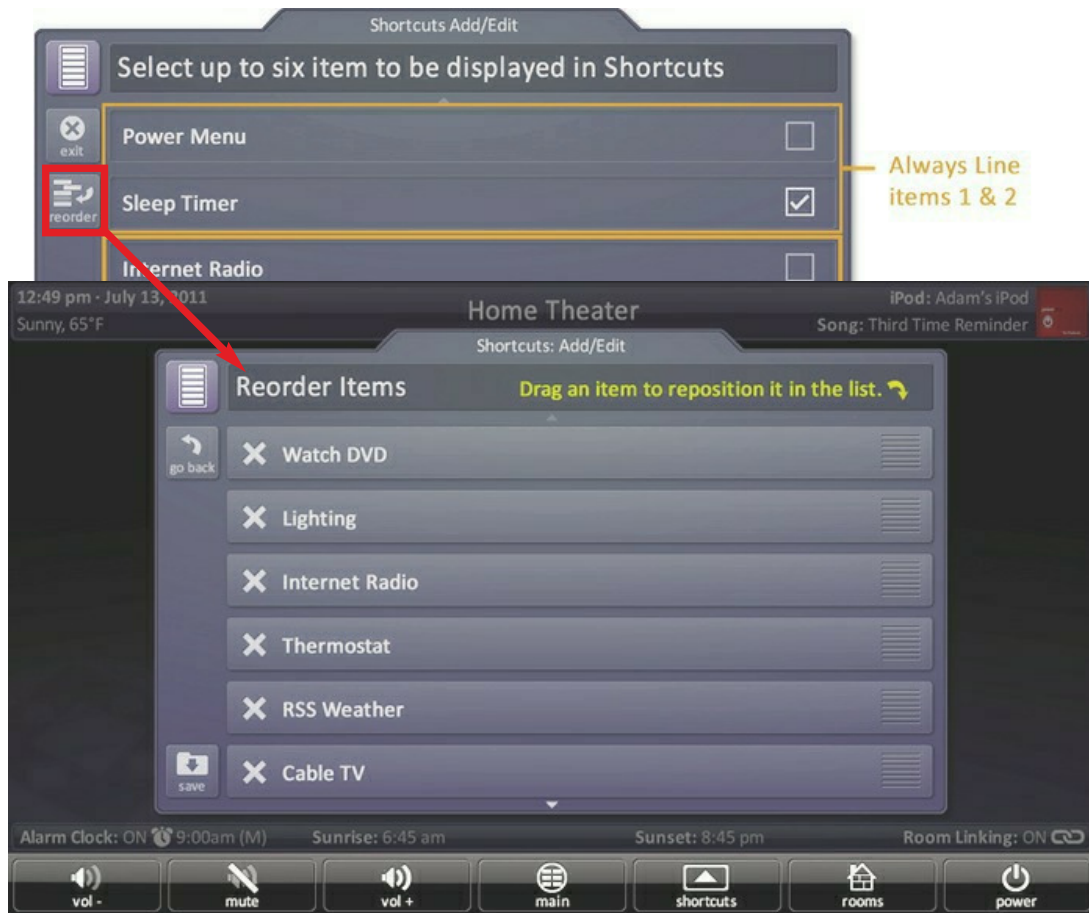


- A. **Select** the **check box** to have that item appear on the Shortcuts Pop-Up menu.
- B. Once all six items have been selected, press **Save** to keep the changes.
- C. Pressing **exit** returns you to the Main Menu.



## Reordering Shortcuts

Reorder devices by selecting the reorder icon at the top of the Add/Edit window; this opens the reorder Items list.



If you would like to change the order in which the activities/devices appear, drag the items, using the "grabber" on the right side of the boxes to rearrange them.

If you would like to remove an item from the list, select the X (*delete*) icon to the left of the device/activity name.

Selecting the Go Back option will revert to the Add/Edit screen without making any changes.

Selecting the Save option will make the requested changes and revert back to the Add/Edit screen.

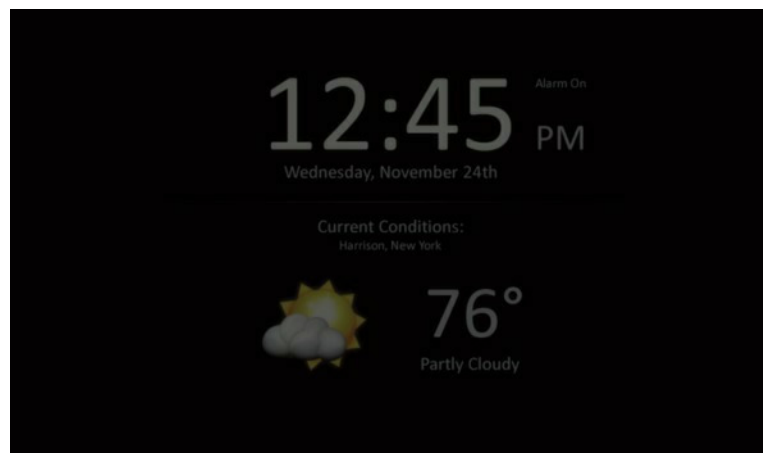
## Time & Weather Module

This module displays information about the time, date, and local weather.



Pressing the **Time, Date & Weather** display in the **Title Bar** of the TDC-7100 opens the **Time & Weather Module**.

- Selecting Exit returns the TDC-7100 to the previous screen.
- The Night Mode option displays the most essential information, date, time, and weather, while reducing the screen's brightness to not over power a dark room. This mode disables any photo slideshow or screen time-out.



*Night Mode*

- Once touched, the screen reverts to its normal mode of operation, including displaying a photo slide show and turning off after the amount of time determined by the **Settings** menu.

## Inductive Charging

The TDC-7100 features an easy way of charging its battery. Simply place the TDC-7100 on the charging dock to begin charging the battery (see image below). Obtain a full charge in approximately five (5) hours and a full battery last about three (3) days. This simple design is made to ensure the best performance out of your TDC-7100.



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## Wi-Fi

Once connected to your local network, the TDC-7100 automatically connects and communicates to your Total Control system. It utilizes the Quick Wi-Fi feature to instantly connect when it has been awoken to be ready for use.



## Adjusting User Settings on the TDC-7100

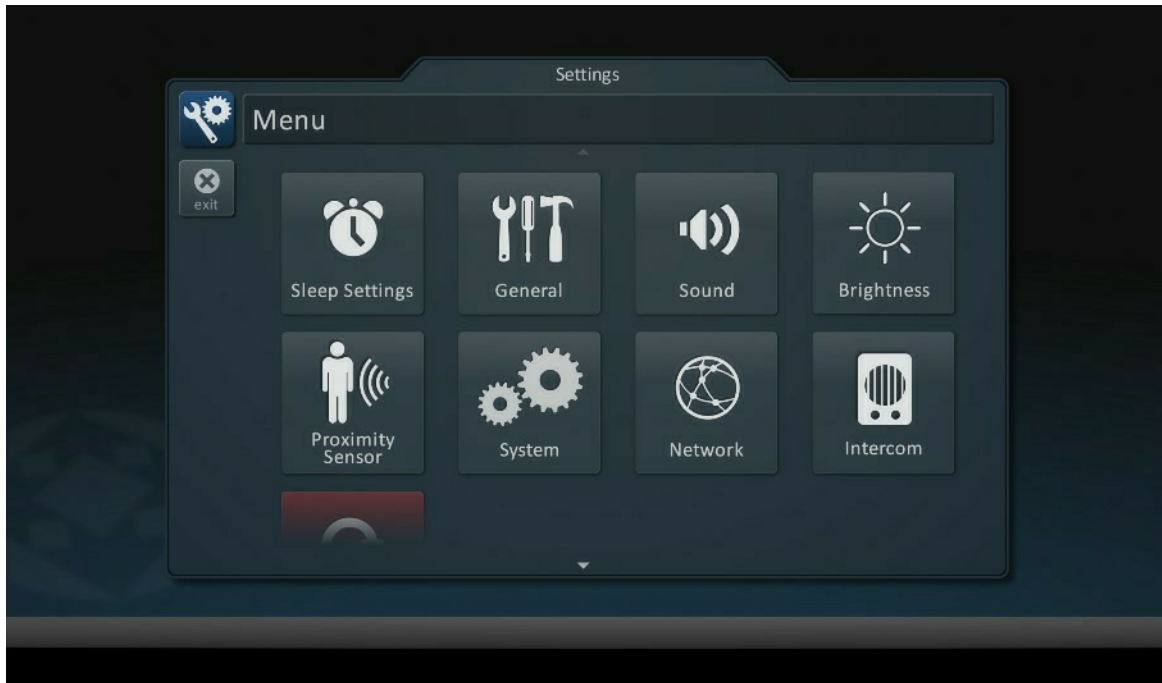
By pressing and holding the **Main** and **Mute** buttons for 5 seconds (*found in the **Core Menu***) simultaneously the TDC-7100 **Settings Menu** appears.



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 TDC-7100 keypad.



Select these options by pressing the appropriate icon. If no icon/button is pressed for 45 seconds, the unit reverts 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. **System:** Quickly view the Memory Usage, Firmware Version and other details about the TDC-7100. **Network:** View information about the current network as well as set a Dynamic or static IP address for the TDC-7100.

**Wi-Fi Setup:**

**Intercom:** Enable audio-video intercom settings to communicate with other installed TDC-7100's.

**Proximity Sensor:** Allows for sensitivity adjustment of the proximity sensor.

**Factory Default:** Reset the TDC-7100 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 adjusts the time frame up or down accordingly.



### LCD Screen will display a screen saver

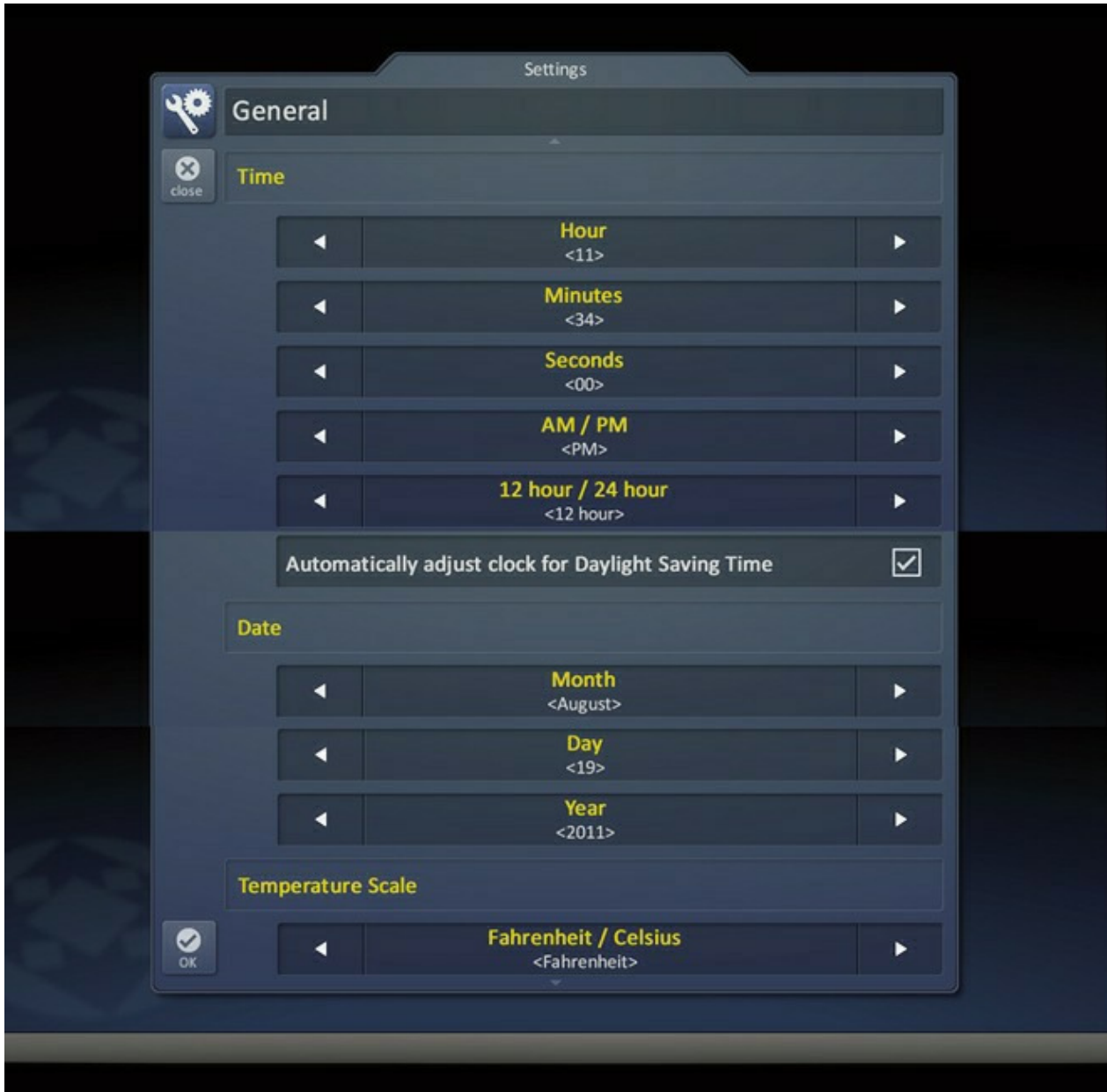
This option will display a screen saver of the photos found on the online website, Google +. This starts to display after the time frame selected in the **Start After box**, and continues for the amount of time dictated in the **Duration** box.

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

## Sound

By default, the TDC-7100 emits a low volume beep as a confirmation tone for screen presses. Use this menu to adjust the sound to your liking.

Use the + /- buttons or drag the slider to raise or lower the volume.



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

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## Brightness

Determine the overall brightness of the TDC-7100's display, or incorporate a **light sensor** that adjusts the brightness of the unit based upon ambient room lighting.

Use the + /- buttons or **drag** the slider to raise or lower the 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** accepts any changes made and returns to the **Main** menu, as well as selecting **Cancel** returns 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 TDC-7100. These pages should only be needed by a custom install professional, or technical support.

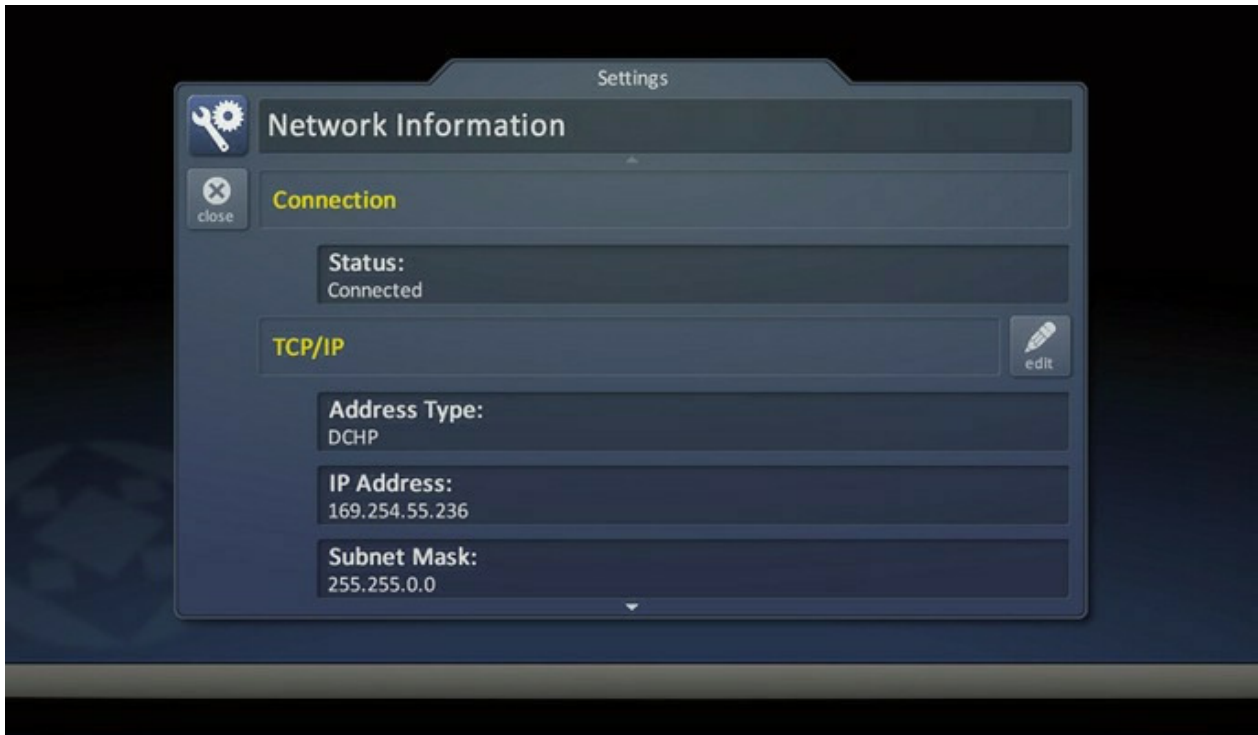


## Network

This option shows important information about the current network, its settings and give the ability to edit the IP address of the TDC-7100.

Be careful, these settings should only be edited by a professional. Entering values without specific information or instruction could easily result in the TDC-7100 failing to function correctly.

The **Network Information** screen displays 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 TDC-7100

## Audio-Video Intercom

The Audio-Video Intercom Settings screen allows you to set the Intercom function. You can enable or disable your video, select from a list of notification sounds and adjust the volume. You can also check if your baby is safe through one-way video communication by enabling the Baby Monitor.

**Enable Intercom:** Enables the audio intercom function. Once enabled the Intercom icon is displayed on the category/device ribbon to communicate with other TDC-7100s. To also turn on video, see enable intercom video below.

**Set Intercom Name:** Use up to 10 characters to label the TDC-7100 to easily identify and communicate between multiple TDC-7100s.

**Enable Intercom Video:** When enabled, turns on the TDC-7100 camera for other TDC-7100 devices to view you and your surroundings.

**Set Intercom Notification Sound:** Select from a list of different notification sounds and adjust the TDC-7100 volume.

**Enable Baby Monitor:** Turns on one-way communication to check on the safety of your baby, directly from the baby monitor.





## Proximity Sensor

Built into the TDC-7100 the Proximity Sensor automatically detects the distance a user is from the keypad to illuminate and be ready for control.

The sensitivity of this sensor can be easily adjusted from the Settings menu.



- Sensor sensitivity can be adjusted between 5cm to 100cm
- Night Mode can be deactivated by the proximity sensor. When triggered, the proximity sensor closes night mode and returns the TDC-7100 to normal mode. The sensor can also stop a Photo Slide show, returning the keypad to its default operations.

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## 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 TDC-7100 to factory default and the unit **WILL NOT** work until reprogrammed!





## Specifications

**Microprocessor:** Coretex-A9 dual 1GHz

**Memory:** 4GB eMMC, 1GB RAM **Devices:**

Supports up to 255 devices

**Pages:** Supports up to 255 pages on each device

**Macro Capability:** Up to 255 steps

**Network:** 802.11b/g/n Wi-Fi

**LCD:** 7 inch (1280x800)

**Weight:** 10.51 oz/16.86oz with battery

**Size:** 7.91" x 5.04" x 2.48"

**Power:** Wireless power or USB power

## 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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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 Page 36 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**

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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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## **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)

## **Federal Communications 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.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **Federal Communications Commission (FCC) Radiation Exposure Statement**

This remote device is approved as a hand-held and hand-operated only portable (relative to hand) device which is normally operated at 5 cm from a person's body.

# Declaration of Conformity

Company Name : Universal Remote Control Inc.  
Company Address : 500 Mamaroneck Avenue, Harrison, NY 10528, U.S.A  
www.universalremote.com  
Contact Information : Phone: (914)835-4484, Fax: (914)835-4532  
Brand Name : UNIVERSAL remote control  
Product Name : RF Remote Controller  
Model Name : TDC-7100

This product herewith complies with the requirements of R&TTE Directive(1995/5/EC) issued by the Commission of the European Community

Compliance with these directives implies conformity to the following European Community

R &TTE Directive

- EN 60950-1(2016)+A11(2009)+A1(2010)+A12(2011) + A2(2013)
- ETSI EN 301 489-1 V1.9.2(2011)
- ETSI EN 301 489-3 V1.6.1(2013)
- ETSI EN 301 489-17 V2.1.1(2012)
  
- ETSI EN 300 328 V1.9.1(2015)
- ETSI EN 300 330-1 V1.8.1(2015)
- ETSI EN 300 330-2 V1.6.1(2015)
- EN 62311

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

R&TTE Directive

- Report No.: GETEC-
- Testing Laboratory : GUMI UNIVERSITY EMC CENTER

Date of issue : Aug. 28, 2016

Name and signature of authorized person : James Novak  
Director of Product  
Universal Remote Control