



Operations and installation Manual for the WRC-8T Wireless Remote Control

Scan the QR code below for a demonstration video!





WRC-8T Wireless Remote Control Installation Manual

Description

Country of Origin	Proudly made in the U.S.A
Environment	Indoor or outdoor use
Display	8 sealed membrane push buttons
Function	Controls multi-function UTW type DC-Digital displays
Mounting	Hand held or belt clip-on
Case	Black polycarbonate textured
Weight	> 1lbs
Control Type	900 MHz radio
Power	9-volt alkaline battery
Range	350ft +
Dimensions	4.1 inches high x 2.6 inches wide x 1.5 inches deep



Introduction

The WRC-8T is a wireless controller designed to work where a RF controller is needed. It is compatible with the multi-function UTW style displays that can show time of day and can be used as a count up or count down timer. This device is capable of projecting signals from 350 plus feet away to the display. This device runs on a 9v alkaline battery that is easily replaceable through the battery slot on the back of the controller. The controller case is made out of a tough black polycarbonate textured plastic with a handy belt clip for your convenience. The buttons are membrane style push buttons that are water resistant.





Configuration

The WRC-8T wireless controller will be pre-configured before shipment. Each controller purchased comes with a battery preinstalled. Whether it is purchased with a display or bought by itself, this device will come ready to go out of the box. If you lose this controller or need to purchase a new one, you can acquire one through our website (<https://dc-digital.com/>). You must know the channel number that the previous controller was using before purchasing a new one. The channel number is located on both the back and top of the controller (refer to the pictures below). You will be prompted by the website asking what channel you need. By default, when sold with a display, every controller will go out set as channel 53. If you have bought multiple displays and controllers this will not be the case.





How to Use

Before attempting to use your WRC-8T, please make sure the remote and remote operator have good line of sight with the display. Make sure the display is powered on and working as intended. Be sure to change the battery of your controllers annually.





Clock Mode

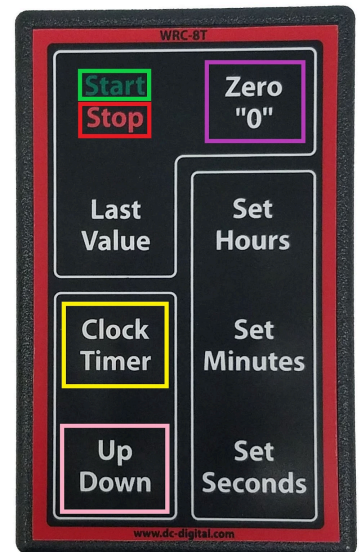
To use the clock function, check to see if your display is already in clock mode. Your display should not show any dots in either corner of your display (refer to picture below). If there are dots lit up in either corner of your display, press the **Clock/Timer** button highlighted in yellow to switch to clock mode. Use the set hours, and set minutes buttons, in orange, to set the current time. Press the Hours button once and let the display count until you reach the correct time. When you have, press the Hours button once again to stop the count. Perform the previous steps again, but with the Minutes button. After that is all completed, the clock is all set up and will start to count on its own.





Time-Up Mode

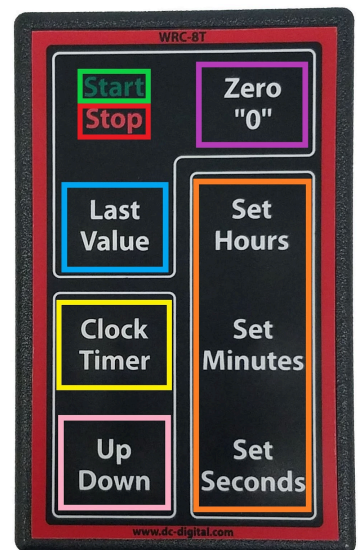
Switch to the timer function using the **Clock/Timer** button in yellow. By default, when switching from clock to timer, your display will be set to time-up. Your display will have a lit red dot in the upper left hand corner if Time-Up Mode has been selected. (refer to the images below). Otherwise toggle the pink Up/Down button to access Timer Up Mode. Press the **Start** button marked in green. Press the **Stop** button marked in red to pause. If you want to reset the timer, you must first pause the count, then click the Zero “0” button marked in purple.





Time-Down Mode

Switch to the timer function using the **Clock/Timer** button in yellow. Use the timer **Up/Down** button, in pink, to switch to the timer down function. Your display will have a lit red dot in the lower right hand corner (*refer to picture below*). Use the **Set Hours**, **Set Minutes**, and **Set Seconds** buttons, in orange, to set count down time. Press the Minutes button once and let the display count until you reach the preferred amount. When you have, press the Minutes button once again to stop the count. Perform the previous steps again, but with the Seconds or Hours button. Press **Start** to start the countdown and **Stop** to pause. If you would like to restart the countdown, press the **Last Value** button in blue to reset to the previous value. If you would like to input a new count down time, press the **Zero "0"** button highlighted in purple to reset the countdown to zero.





How to Use Advanced

In the previous How to Use section of this manual, you learned how to successfully use your UTW and WRC-8T to control Time of Day, set up countdowns, and set up count ups. What we will be going over in this section is the more advanced features that are hard to notice.

The UTW style clocks have many functions, including the ability to toggle between modes as they are actively being used. If you want to run the up timer for a meeting to count how long it takes, while also using the countdown feature to time speeches, you can do that. This clock is often used in council meetings where they need a timer to countdown from 5-10 minutes per speech, while also keeping track of the full meeting length. This also applies to the time of day function as well. Let's say you are in the Timer-Up Mode and you press start. Without pausing the count up, you can toggle over to the Clock Mode and keep track of the time. You will be able to see a red dot blinking in the upper left corner of your display indicating the count up timer is in use. The same applies to the Timer-Down Mode as well. If you are using the Timer-Down Mode and switch to the Clock Mode, you will be able to see a blinking red dot on the bottom right corner of your display.



We have also incorporated our shift digit technology into these displays. This means if you were to set a 4 digit display to HH:MM it would shift to MM:SS and then to SS:TH.

Keep in mind when setting the countdown time. If you have a 4 digit display and set the hours and minutes, you can still set the seconds, you just can't see it. The 4 digit display will always show the highest denominator. If you have a 6 digit display it will present as HH:MM:SS to MM:SS:TH.



Contact Us!

Feel free to contact us at our home office.

We are open Monday - Friday, 7:00am to 4:00pm Eastern Standard Time

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