FUNTRONIX
SCORE-N-TIME™

T-240/T-260
Universal Up/Down
Clock/Timer

OPERATING MANUAL

Revision July 5, 2015

T-240 4-DIGIT TIMER   T-260 6-DIGIT TIMER

Thank you for purchasing a Funtronix SCORE-N-TIME™ Universal Event Timer. At Funtronix, our motto is "Electronic Fun for Everyone". Our goal is to add a little fun to your sports and leisure activities.

⚠ WARNING:

CHOKING HAZARD - Small Parts.

Not for children under 3 years.

The contents of the package may contain parts and packing materials that can be hazardous to children under 3 years old. Assembly of these components must to be performed with adult supervision.

While the AC adapter is UL approved, the input-side plugs into a standard high-voltage AC outlet. Care should be taken to not make physical contact with the power supply plug area.

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 or 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.

CAUTION

To satisfy FCC RF exposure requirements for mobile and base station transmission devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at closer than this distance is not recommended.

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

Before using your new timer, please read the following precautions. Doing so will reward you with many years of enjoyment with your new timer. Failure to follow them may cause bodily harm or may damage the timer beyond the terms of the warranty.

1. *DO NOT expose the timer or keypad to rain or other condensing moisture.*
2. *DO NOT store the timer or keypad in direct sunlight for extended periods of time.*
3. *DO NOT drop or hit the timer, as this may result in injury and/or void the warranty.*
4. *DO read the entire owner's manual so that you will utilize the full potential and versatility of your new timer.*

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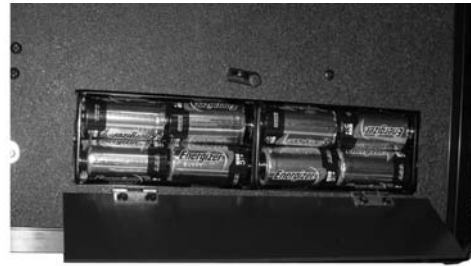## <u>CLOCK/TIMER FEATURES</u>

- Wireless RF remote control keypad
- Large 6-inch digits with three brightness settings for indoor/outdoor visibility
- Horn indicates when countdown clock has expired
- Count-down clock adjustable from 15 seconds up to 99 hours
- Dimensions:
  T-240: 24" x 12" x 2 ½"
  T-260: 30" x 12" x 2 ½"

SECTION 1: TIMER SETUP

1. Charge the wireless keypad as described in **Section 4**.

2. Swivel the support feet located under the bottom frame as shown to support the timer on the floor or tabletop. See figure below-left.

3. Install 8 C-size alkaline batteries in the timer as shown below (right). You may also use an AC adapter (sold separately) to conserve your batteries. Plug the adapter into the AC adapter jack located on the back of the timer unit.

Swivel support feet as shown
(T-240 timer shown for reference)

Open battery holder and insert 8 C-size batteries.

4. Turn the timer on using the power switch located on the back of the timer.

5. If the timer appears to operate erratically, it may be due to radio interference from a nearby signal. Try changing the radio channel of the timer by pressing and holding the CHANNEL button for approximately 3 seconds.

6. To change the display brightness, press and hold the BRIGHT button for approximately 3 seconds.

7. Set the timer on a sturdy surface, such as the floor or table. You may also purchase a floor stand from the Funtronixonline.com website to raise the timer above the ground.

8. You are now ready to use your timer. Proceed to Section 2 for details regarding configuration and use of your timer.

SECTION 2: USING YOUR CLOCK/TIMER

1. Press and hold the ⌊MODE / RESET⌋ button for approximately 3 seconds to reset the current timer mode. The timer's display will flash the currently-selected program mode for several seconds (Pr mode). While the program mode is flashing, each press and release of the ⌊MODE / RESET⌋ button will cycle the clock/timer through its different modes of operation. Once the program mode stops flashing, the timer is locked into the selected mode.

   You must first stop the clock by pressing and releasing the ⌊STOP / DISCONNECT⌋ button.

   Your T-240/T-260 event timer has 6 different modes of operation. The modes are defined in the tables below:

   T-240 4-Digit Event Timer Modes:

Operating Mode	Description
Pr 1	Count-down clock with display format MM:SS, where "MM" is minutes and "SS" is seconds
Pr 2	Count-up timer with display format MM:SS, where "MM" is minutes and "SS" is seconds
Pr 3	Count-down clock with display format HH:MM, where "HH" is hours and "MM" is minutes
Pr 4	Count-up timer with display format HH:MM, where "HH" is hours and "MM" is minutes
Pr 5	Count-down >> Count up, with display format MM:SS, where "MM" is minutes and "SS" is seconds
Pr 6	Count-down >> Count up, with display format HH:MM, where "HH" is hours and "MM" is minutes

   T-260 6-Digit Event Timer Modes:

Operating Mode	Description
Pr 1	Count-down clock with display format MM:SS:hh, where "MM" is minutes, "SS" is seconds, and "hh" is hundredths of seconds
Pr 2	Count-up timer, with display format MM:SS:hh, where "MM" is minutes, "SS" is seconds, and "hh" is hundredths of seconds
Pr 3	Count-down clock with display format HH:MM:SS, where "HH" is hours, "MM" is minutes, and "SS" is seconds
Pr 4	Count-up timer with display format HH:MM:SS, where "HH" is hours, "MM" is minutes, and "SS" is seconds
Pr 5	Count-down >> Count-up, with display format MM:SS:hh, where "MM" is minutes, "SS" is seconds, and "hh" is hundredths of seconds
Pr 6	Count-down >> Count-up, with display format HH:MM:SS, where "HH" is hours, "MM" is minutes, and "SS" is seconds

2. If the count down clock is used (PR 1, 3, 5, or 6), set the length of the count down time using the ⌊+⌋ and ⌊−⌋ buttons.

3. The horn can be configured to automatically sound for different conditions, or can be disabled. **The horn can always be sounded manually with the horn button when the clock/timer is not running.** Each press the "AUTO-HORN ENABLE" button will cycle through the three different horn alerts described in the table below:

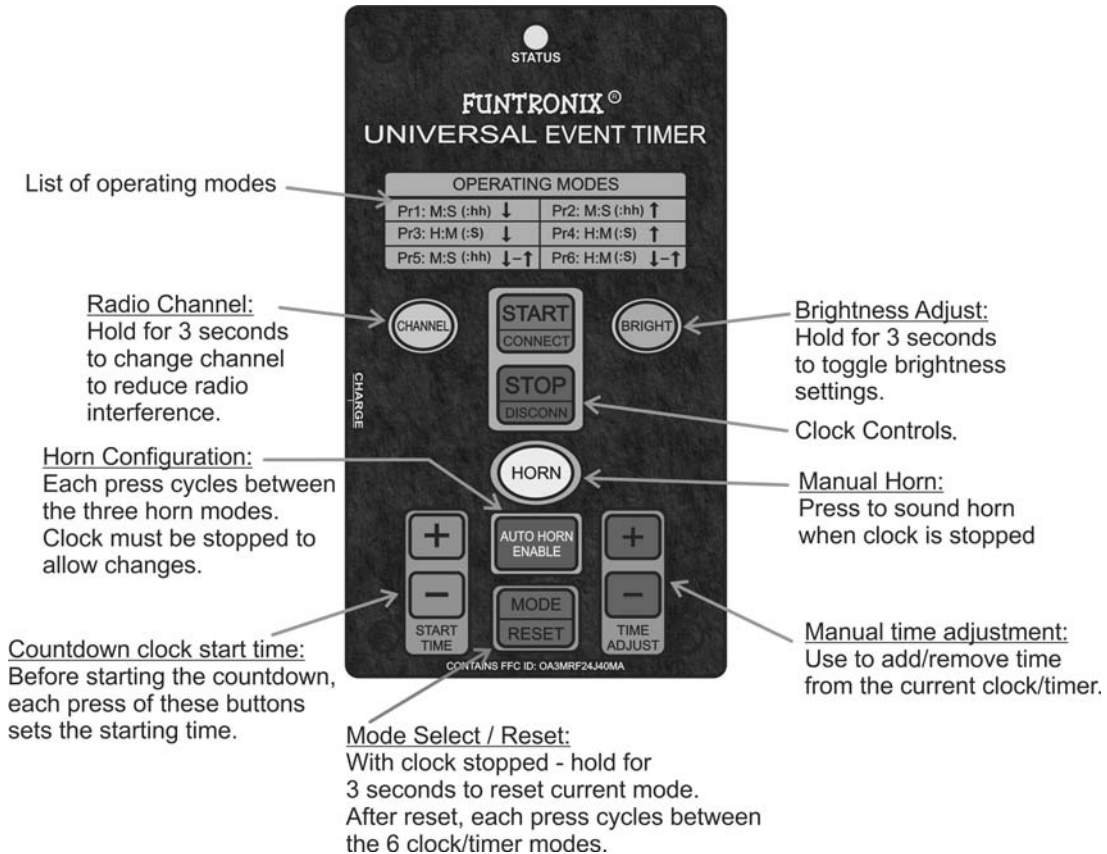| Horn Mode	Identified by	Description
1	1 beep	Horn sounds when the countdown clock hits 0:00 time
2	2 beeps	Horn sounds when the clock/timer is started and stopped, and when the countdown clock hits 0:00 time
3	Display blink	Disable all automatic horn sounds

4. Press the START [CONNECT] and STOP [DISCONNECT] buttons to control the clock/timer.

5. Time can be added or subtracted from the clock/timer at any time. To change the current clock/timer time, first stop the clock and then press the time-adjust [+] and [−] buttons in the lower-right area of the keypad. The time will change in the following increments:

5.1 If the clock/timer is displaying seconds and tenths of seconds, each press of the time-adjust buttons will add or subtract 1/10th of a second.
5.2 If the clock/timer is displaying minutes and seconds, each press of the time-adjust buttons will add or subtract 1 second.
5.3 If the clock timer is displaying hours and minutes, each press of the time-adjust buttons will add or subtract 1 minute.

SECTION 3: KEYPAD BUTTON DESCRIPTION

The keypad button functions are described in the figure below. The list of operating modes is shown near the top of the keypad decal. The symbols used in the mode descriptions are as follows:

M:S (:hh) is minutes, seconds, and hundredths of seconds (for the T-260 6-digit timer)
H:M (:S) is hours, minutes, and seconds (for the T-260 6-digit timer)

The down-arrows indicate it is a count-down mode. The up-arrows indicate it is a count-up mode. And the down-up arrows indicate the timer will count down to zero and then automatically start counting up.
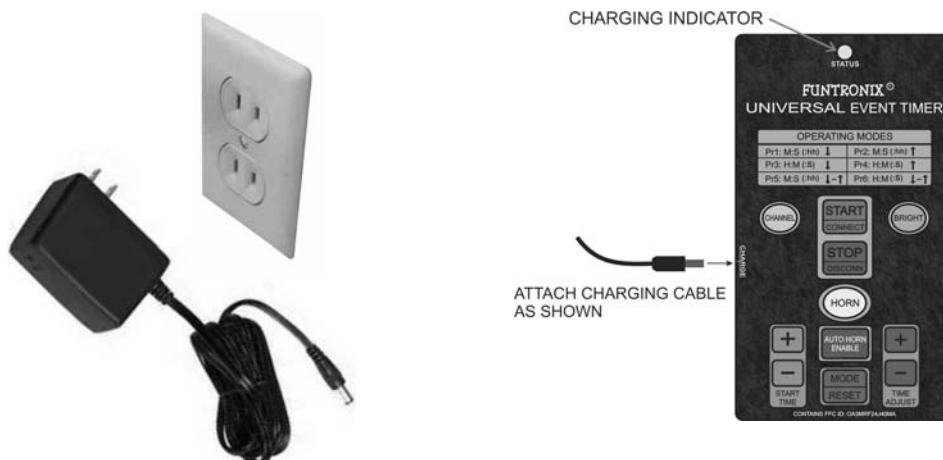
SECTION 4: CHARGING THE WIRELESS KEYPAD

The wireless keypad contains a rechargeable battery. While the charge of the keypad battery will typically last between 1 to 2 weeks (depending on usage), we recommend charging your keypad the night before each use of the scoreboard.
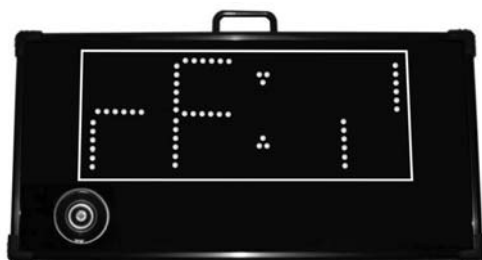
The charging indicator will light up orange to indicate the keypad is charging. The light will turn green once the keypad is fully charged.

Plug keypad charger into 120VAC wall outlet

SECTION 5: PAIRING THE KEYPAD AND SCOREBOARD

1. Cycle the power on the timer repeatedly until the timer shows the display seen below:

RF connection screen (T-240 timer shown) (T-240 timer shown)

NOTE:
If the wireless keypad was previously paired to a timer, you must first clear the keypad of any previous timer connection data to allow it to connect to the timer again. To clear the keypad's previous connection information, press and hold the **START CONNECT** and **STOP DISCONNECT** buttons simultaneously until the keypad status light blinks 5 times.

2. Press and hold the **START CONNECT** button for up to 8 seconds (until the keypad beeps) to initiate a connection between your keypad remote and the timer. After several seconds the timer will briefly display the radio channel followed by program mode PR 1. The connection process may take a couple attempts for a successful connection, depending on environmental noise.

SECTION 6: CARE AND MAINTENANCE

Keep your timer clean for optimum viewing of the display.

- Never spray cleaning solutions directly onto the timer or keypad.
- Use only ammonia-free window cleaning solution.

To clean your timer, spray the cleaner onto a clean cloth. Lightly wipe the timer or keypad with the damp cloth until clean. To eliminate fine scratches on the front panel – apply a small amount of carnuba car wax on a terry cloth and lightly wipe the front panel.

SECTION 7: TROUBLESHOOTING GUIDE

Symptom: Timer operates erratically.

Solution: Radio signals from nearby devices, such as Bluetooth and WiFi, may interfere with the operation of the Timer. Changing the radio channel of the timer should solve the problem. Refer to Section 1 Step 6 to perform this change.

Symptom: Keypad remote doesn't appear to work or the timer fails to connect to keypad.

Solutions: 1. Distance between timer and keypad is too far. Move the timer closer to the keypad.
2. Recharge the keypad. See Section 4 for details.
3. Re-establish radio connection between timer and keypad as described in Section 1 Steps 4 and 5.

Symptom: Timer won't turn on or display is dim.

Solutions: 1. Screen brightness is on low setting: Press and hold the (BRIGHT) button for 3 seconds to change brightness.
2. Replace the batteries in the timer.

Symptom: Display 'blinks' when a button is pressed on the keypad.

Solution: This is normal.

Symptom: Display flickers occasionally when no buttons are pressed on the keypad.

Solution: This may occur if another timer is being setup nearby. If the flicker persists, change the operating channel by pressing and holding the (CHANNEL) button on the keypad as described in Section 1 Step 6.

SECTION 8: PRODUCT SPECIFICATIONS

(Specifications subject to change without notice)

FUNCTIONAL SPECIFICATIONS

Operating Modes: Pr 1: Count down clock, up to 99 minute range
Pr 2: Count up timer, up to 99 minutes range
Pr 3: Count down clock, up to 99 hour range
Pr 4: Count up timer, up to 99 hour range
Pr 5: Count down-up combo, 99 minute range
Pr 6: Count down-up combo, 99 hour range

Keypad Operating Range: Up to 300 feet from timer unit.

ELECTRICAL SPECIFICATIONS

Operating Voltage: +12 volts DC.

Quantity & Type: 8 C-size alkaline

Timer Battery Life: 40 hours (low brightness)
(excluding horn sounding) 30 hours (medium brightness)
20 hours (high brightness)

Operating Current: 200 mA (low brightness)
300 mA (medium brightness)
400 mA (high brightness)

MECHANICAL SPECIFICATIONS

Dimensions:

T-240:	24" X 12" X 2 ½"
T-260:	30" X 12" X 2 ½"

Weight:

T-240:	approximately 6 pounds.
T-260:	approximately 8 pounds

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: +10 degrees C to +50 degrees C
Storage Temperature: 0 degrees C to 80 degrees C
Humidity: 0 to 95% non-condensing

Write down your product serial number for your records.

Serial Number: _____

Please visit our website for new products and accessories for your Funtronix Product:

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