

FUNTRONIX
SCORE-N-TIME™
ULTRA-LARGE PORTABLE
FOOTBALL
ELECTRONIC SCOREBOARD
Model SNT-800F

OPERATING MANUAL

Revised October 27, 2015

 **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. These components must be handled with adult supervision.



While the optional wall-mount power supply is UL approved, care must be taken when plugging the power supply into a standard wall outlet, as this is a source of dangerous high voltage.

ADDITIONAL WARNINGS:

1. Staring directly at the scoreboard display at close range for long periods of time may cause eye strain or eye damage.
2. Close proximity to the horn while it is sounding may cause hearing loss or damage. Make certain everyone maintains a safe distance whenever the horn is sounded.

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.

Thank you for purchasing a Funtronix Score-N-Time™ Portable Electronic Scoreboard. At Funtronix, our motto is "Electronic Fun for Everyone". By offering a line of affordable electronic scoreboards, our goal is to add a little fun to your sports and leisure activities.

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

1. *DO NOT* expose the scoreboard or keypad to rain or other condensed moisture.
2. *DO NOT* store the scoreboard or keypad in direct sunlight for extended periods of time.
3. *DO NOT* drop or hit the scoreboard, as this may result in injury and/or void the warranty.
4. *DO NOT* use abrasives or spray cleaning solutions onto the scoreboard or keypad. See **Section 10** for care and maintenance.
5. *DO* read the entire owner's manual so that you will utilize the full potential and versatility of your new scoreboard.

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Features of the SNT-800F Multisport Scoreboard

- 8-inch clock and score digits
- 6-inch quarter, downs, and yards-to-gain digits
- Wireless keypad with built-in rechargeable battery operates up to 300 feet from scoreboard*
- Compatible with our WK-100RM wireless wrist-mounted remote control
- Large, easy-to-read displays can be seen up to 400 feet away
- Loud 110 dB internal horn** for end-of-quarter and other alerts
- Long-life LED display with multiple brightness settings
- Game clock adjustable from 5 seconds to 99 minutes.
- 4 quarters plus adjustable halftime and overtime
- Adjustable Short and Long Timeouts
- Team possession arrows can be disabled if not used
- Displays team scores up to 199 points
- Save-game feature allows current game data to be saved and recalled at a later time
- Tenth-second game clock resolution when remaining time is less than 1 minute
- Fold-out support legs
- Power save feature turns display off when game has been idle for an extended period of time
- Powered by a rechargeable battery*** for portability or optional AC adapter (purchased separately)
- Black powder-coated aluminum frame construction

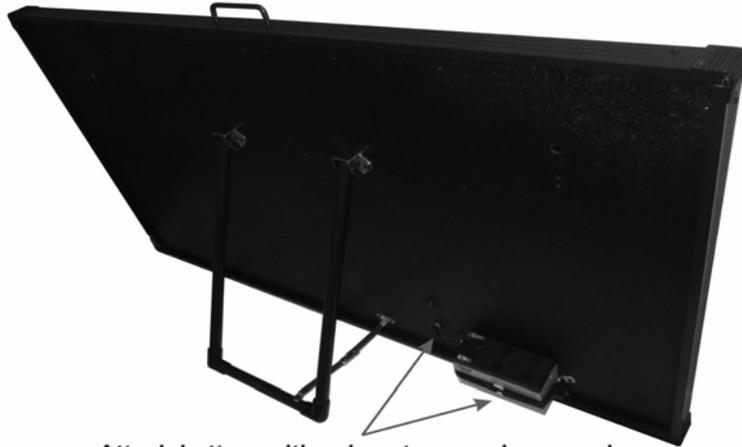
* *Outdoor open-field environment.*

** *Horn loudness will vary as the battery is discharged.*

*** *Includes one rechargeable sealed lead-acid battery and slow charger.*

SECTION 1: SCOREBOARD SETUP

1. Make sure the keypad is fully charge before using your scoreboard. Refer to **Section 7** for charging instructions.
2. If you are using the scoreboard with the rechargeable battery, attach the battery to the back of the scoreboard as shown below. Charge the battery prior to each use. Refer to **Section 8** for charging instructions.



Attach battery with velcro strap as shown and plug battery cable into power connector of scoreboard

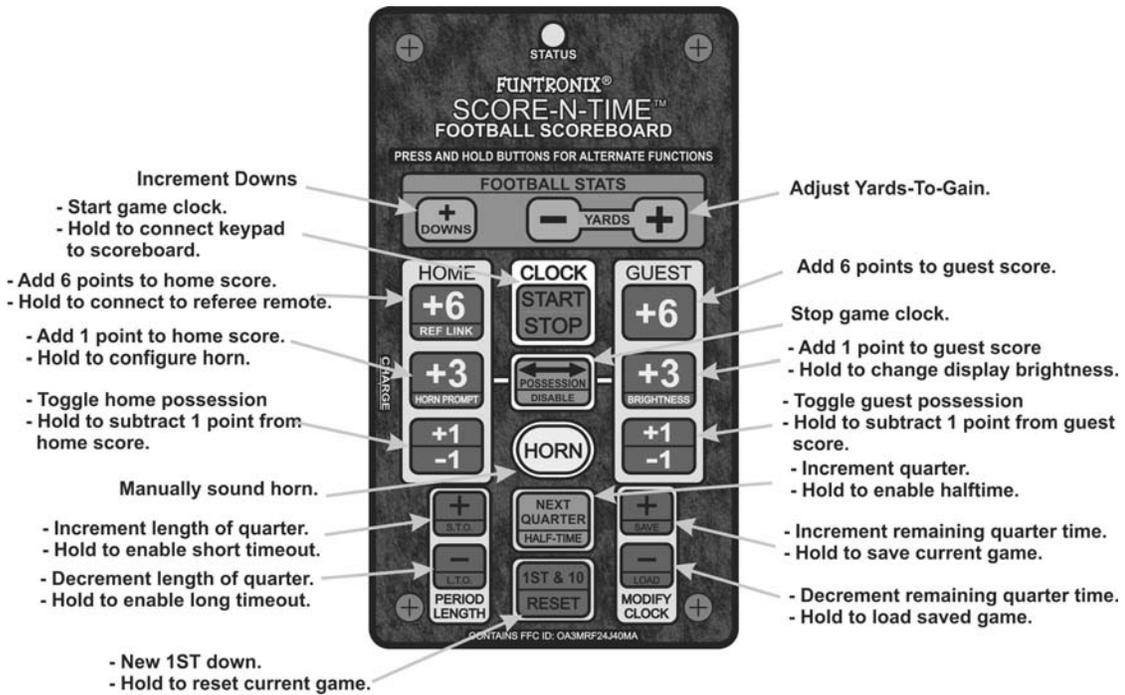
3. Extend the support leg as shown above:
4. Use the optional AC adapter if operating the scoreboard near an electrical outlet to conserve your battery.

NOTE: *If you are using the scoreboard outdoors, aim the display away from the sun for best visibility.*

5. Place the scoreboard in a desired location near your playing field. The best location is mid-court on the sidelines. This will provide the best view of the display. It can also be placed in the corner of the playing field, as long as everyone in the opposite corner of the field can view it and is within radio range of the keypad.
6. Select the display brightness by pressing and holding the GUEST  button for approximately 3 seconds. Each press and hold of this button will toggle between the low, mid, and high brightness levels.
7. You are now ready to use your scoreboard. Proceed to **Section 4** for details regarding the use of your scoreboard.

SECTION 2: KEYPAD LAYOUT

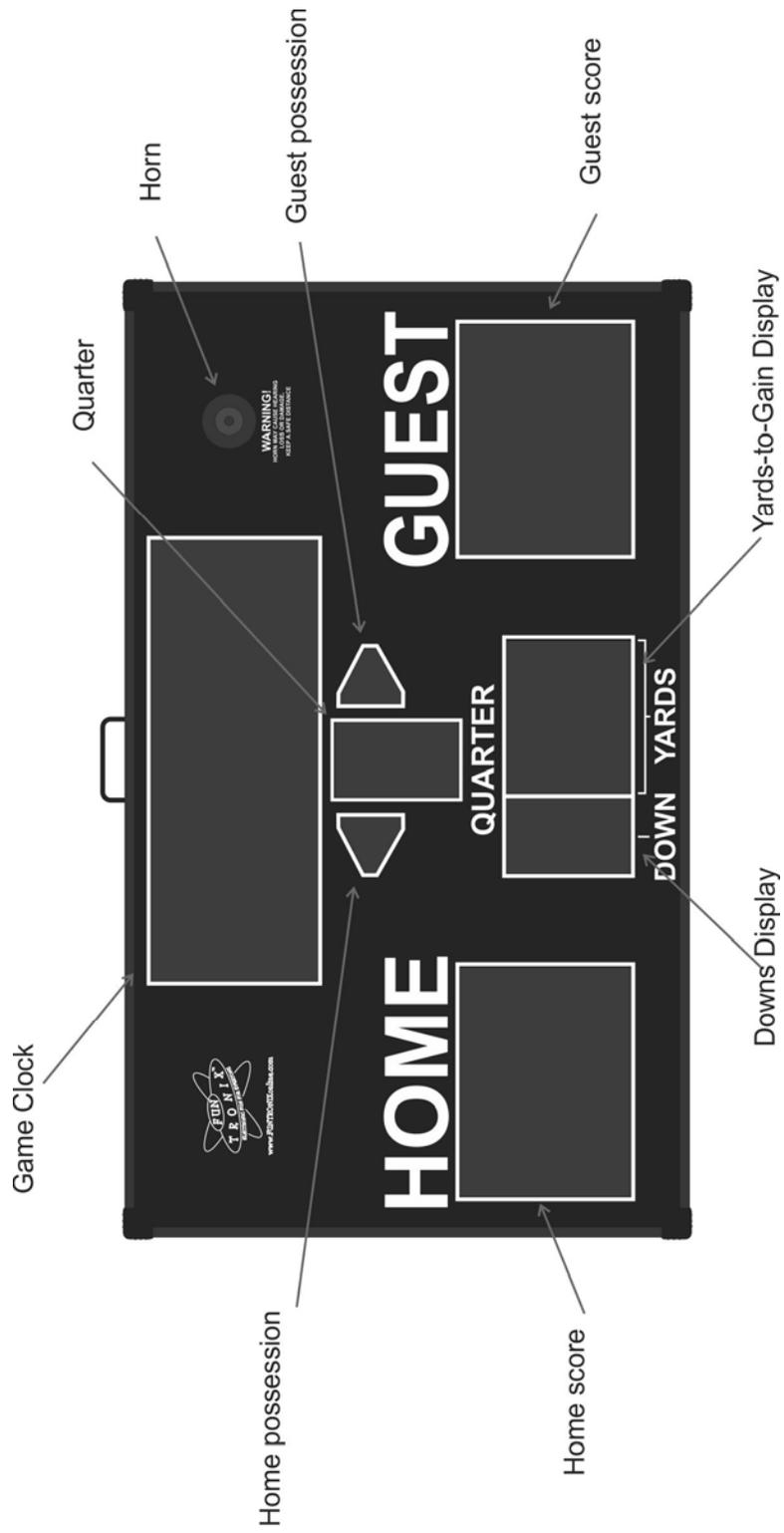
Shown below is a layout of all the buttons on the keypad and a brief description of their functions. Refer to Section 3 for more details regarding the use of each button.



Layout of the SNT-800F Standard Keypad

SECTION 3: SCOREBOARD DISPLAY LAYOUT

Refer to the illustration below for a description of the various displays on the SNT-800F scoreboard.



SECTION 4: USING THE SCOREBOARD

1. Set the length of the Quarter with the  and  buttons. The quarter length can be preset in 5 second intervals up to 1 minute, then 1 minute 30 seconds, and then in 1-minute increments from 2 to 99 minutes. All quarters (except overtime and halftime) will start with this time and will be stored in the scoreboard even after power is turned off. **The ability to set the length of the current quarter is disabled once the quarter has started.**
2. The possession arrows can be enabled or disabled at any time before or during a game. Hold the  button for approximately 3 seconds to disable the possession arrows. Press this button any time to re-enable them. With the arrows enabled, each press of this button will toggle the possession arrows.
3. The scoreboard horn can be configured to automatically sound for different conditions (aside from manually sounding it with the 'HORN' button). **The game clock must be enabled for the automatic horn sounding to be enabled:**

Press and hold the HOME  button for 3 seconds to cycle through each of the four modes described below.

HORN MODE	DESCRIPTION OF HORN MODE	INDICATED BY
1	Automatic horn sound disabled – no horn when quarter expires or when clock started/stopped	No beep
2	Horn sounds when quarter ends and shot clock expires (default setting)	Horn beeps once
3	Horn sounds when clock starts and stops, and when quarter ends	Horn beeps twice

NOTE: *The display may dim or go off while the horn is sounding when the scoreboard is powered with batteries. This is a sign that the batteries are near the end of their life.*

4. Each press of the  button will start and stop the game clock.
5. Use the HOME , , , and GUEST , , and  buttons to control the team scores.
6. The possession arrows can be enabled or disabled at any time before or during a game. Hold the  button for approximately 3 seconds to disable the possession arrows. Press this button any time to re-enable them. With the arrows enabled, each press of this button will toggle the possession arrows.
6. Use the  button to increment the Downs digit by one.
7. Use the  buttons to adjust the remaining yards to first down.
8. Press and release the  button for a new first down and 10 yards to gain.
9. After approximately 10 minutes of non-use (game clock stopped, no buttons pressed), the scoreboard display will shut off and the game clock decimal point will blink to indicate the scoreboard is still on and in power save mode. Pressing any button on the remote will re-awaken the scoreboard with the previous status of the game play information intact.

10. To adjust the remaining time in a quarter during game play (*i.e.*, disputed call requiring adding time back onto the game clock): stop the game clock and press the  and  buttons to add or subtract time from the game clock, respectively. Game play can resume by pressing the  button. This adjustment will not affect the length of the remaining quarters.
11. If your game goes into overtime, set the quarter digit to '0' by repeated presses of the  button and then set the length of the overtime period time using the  and  buttons. See **Section 5** for details on using the halftime and overtime periods.
12. Your scoreboard features a short and long timeout function that can be used in various play modes. Refer to **Section 6** for details on using the short and long timeout feature.
13. Hold the  button for approximately 3 seconds when you're ready to reset your current game. **The game clock must be stopped to perform this action.**

SECTION 5: HALFTIME AND OVERTIME PERIODS

The SNT-800F scoreboard features an adjustable halftime period and overtime period. The halftime period can be inserted between any of the quarters. It can be adjusted from 5 seconds to 99 minutes, and is independent of regulation quarter times. The overtime period can be called up when regulation play time has ended and an overtime period is required. It can be set for 5 seconds to 99 minutes and is independent of regulation quarter times.

To initiate a halftime period, follow these steps:

1. Wait until the current quarter of play comes to an end.
2. Press and hold the  button for 3 seconds. The quarter digit will change to an 'H'.
3. Use the  and  buttons to adjust the length of the halftime period.
4. Press the  button to start the halftime clock.
5. When halftime is over, press and release the  button to advance to the next regular quarter.

To initiate an overtime period, follow these steps:

1. Wait until the current quarter of play comes to an end.
2. Press the  button repeatedly until the quarter digit shows a 'O'.
3. Use the  and  buttons to adjust the length of the overtime period.
4. Press the  button to start the overtime clock.
5. When the overtime period ends and another overtime period is required, simply repeat Steps 4 and 5 to add time back to the clock and restart it. The game clock must be stopped in order to set the time.

SECTION 6: SHORT AND LONG TIMEOUTS

Your scoreboard features an adjustable short timeout and long timeout function. Follow the steps below to initiate a timeout.

1. Make sure the game clock has been stopped.

2. Press and hold either the  or  button for approximately 3 seconds to initiate a short timeout or a long timeout, respectively. The quarter digit will blink to indicate you are in a timeout.

3. Adjust the length of your timeout using the same  or  buttons (without holding them down).

4. Press the  to start or stop the timeout clock.

5. You can cancel your timeout by first stopping the timeout clock and then pressing either the  or  button. Pressing either of these buttons during a timeout will not reset your game or change the quarter.

Note: Your timeout settings will be saved in memory for the next time you use them.

SECTION 7: CHARGING THE SCOREBOARD BATTERY

Your scoreboard includes a sealed rechargeable lead-acid battery and charger. Follow these safety warnings before proceeding:

WARNING: Pursuant to California Proposition 65, the battery contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

1. Only charge the battery in a well-ventilated area.
2. Only use the charger with the battery that was included with your scoreboard.
3. Do NOT charge the battery if it has any physical damage to its casing, such as cracks or punctures, or other visible damage.
4. Do NOT use the charger if it has received a sharp blow, been dropped, or is otherwise damaged in any way.
5. Do NOT use an extension cord with the charger.
6. Operate the charger as far away from the battery as the charger's cable length permits.
7. Do NOT charge the battery near any flammable materials, such as carpets, upholstery, paper, cardboard, etc.
8. Do NOT smoke or allow sparks or flames in the vicinity of the battery.
9. Never charge a frozen battery.
10. Never set a battery on top of the charger.
11. Never place the charger above a battery being charged – gases from the battery may corrode and damage the charger.
12. Never short the battery contacts together.
13. Do NOT operate the charger with damaged cord or plug.
14. Keep out of reach of children.

Follow the steps below to charge your battery.

1. Do NOT plug the charger into the AC outlet just yet – leave it unplugged until step 4.
2. Disconnect the battery's power cable from the scoreboard.
3. Plug the battery's power cable into the charger's mating power connector.
4. Plug the charger's power cable into a standard 120VAC wall outlet.
5. When charging is complete, first unplug the charger from the wall outlet before unplugging the charger from the battery.

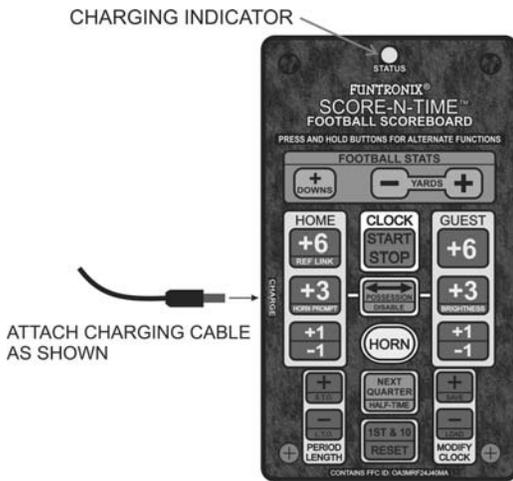
The charger's status lights will light up depending on various conditions. See details below:

Red light is flashing	Battery cable polarity is reversed. Correct the connection before continuing
Yellow/Orange light is lit	The battery is charging
Yellow/Orange light is flashing	The charging process has been aborted
Green light is lit/pulsing	The battery is fully charged and the charger is in 'maintain' mode to keep the battery fully charged until it is used.

SECTION 8: CHARGING THE WIRELESS KEYPAD

The wireless keypad contains a rechargeable battery. We recommend charging your keypad the night before each use of the scoreboard.

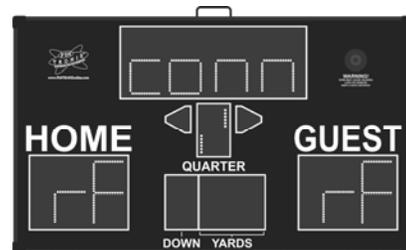
The charging indicator will light up orange to indicate the keypad is charging. The light will turn green once the keypad is fully charged.



Plug keypad charger into 120VAC wall outlet after plugging charger into keypad

SECTION 9: PAIRING THE WIRELESS KEYPAD AND SCOREBOARD

1. Cycle the scoreboard power off and on (waiting 3 seconds before each turn-on) until the scoreboard is displaying the keypad connection screen shown at right. Make certain only one scoreboard in the vicinity is showing this display at any given time, otherwise the pairing process will fail.



NOTE:

If the wireless keypad was previously paired to a scoreboard, you must first clear the keypad of any previous scoreboard connection data to allow it to connect to the scoreboard again. To

clear the keypad's previous connection information, press and hold the  and  buttons simultaneously until the keypad status light blinks 5 times.

2. Press and hold the  button on the keypad for up to 10 seconds (until the keypad emits a beep). The scoreboard will go through a process of reconnecting to the keypad and will respond after a few seconds by displaying the radio channel number. The keypad will beep twice if the connection is good, or 3 times if the connection failed. Repeat this step if necessary to establish a connection.
3. After a few seconds the scoreboard will show a normal display.
4. Refer to the wrist remote instruction manual for re-pairing the wrist remote to your scoreboard (if applicable).

SECTION 10: CARE AND MAINTENANCE

Keep your scoreboard clean for optimum viewing of the display.

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

To clean your scoreboard, spray the cleaner onto a clean cloth. Lightly wipe the scoreboard 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 11: PRODUCT SPECIFICATIONS

(Product specifications subject to change without notice)

FUNCTIONAL SPECIFICATIONS:

Score Digit Range:	0 to 199 points
Game Clock Range:	5 seconds to 99 minutes 55 seconds
Total Number of Quarters:	4, plus halftime and overtime
Total Number of Downs:	4
Total Number of Yards:	Adjustable from 0 to 99
Timeout Settings:	Short: 5 to 55 seconds, in 5-second increments Long: 1 to 99 minutes
Wireless Keypad Operating Range:	up to 300 feet

ELECTRICAL SPECIFICATIONS:

Operating Voltage:	12 Volts DC
Operating Current/Battery Life*:	
Low Brightness:	225 mA/33 hours
Mid Brightness:	470 mA/16 hours
High Brightness:	950 mA/7.9 hours
Power Cable Fuse rating:	250V 8Amp Fast-Blo Type

* As measured with included 12V 7500mA hour rechargeable battery

POWER ADAPTER SPECIFICATION:

Output Connector:	2.1mm x 5.5mm barrel, center-positive
Compatible AC Adapters:	Funtronix PN PS-12V-3000

MECHANICAL SPECIFICATIONS:

Approximate Dimensions:	49 inches wide, 30 inches tall, 2.5 inches deep
Weight:	28 pounds

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature:	0 C to 50 C
Storage Temperature:	-10 C to +55 C
Humidity:	0 to 95% non-condensing

2-YEAR LIMITED WARRANTY

Funtronix LLC warrants your product against defects in materials and workmanship for two (2) years from date of purchase to the original purchaser. Should any part of the scoreboard/timer, keypad, or AC adapter be proven defective in material or workmanship within this period, such defect(s) will be repaired or replaced (with new or rebuilt parts) at Funtronix's discretion, without charge for parts or labor directly related to the defect(s).

This Warranty extends only to consumers who purchase the scoreboard in the United States or Canada and is non-transferable or assignable.

This Warranty does not apply to:

- Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair, or improper storage.
- Product in which the serial number has been removed, altered, or defaced.
- Damage from exposure to moisture, humidity, excessive temperatures, or extreme environmental conditions.
- Damage resulting from connection to, or use of any accessory or other product not approved or authorized by Funtronix LLC.
- Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts.
- Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, theft, or improper usage of any electrical source.

To obtain repairs or replacement within the terms of this warranty, contact Funtronix either by phone (1-800-870-7040) or by email at support@funtronixonline.com. Your product must be re-packaged in all of its original packaging materials.

THE EXTENT OF FUNTRONIX LLC'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL FUNTRONIX LLC'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 120 DAYS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL FUNTRONIX LLC BE LIABLE FOR ANY SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. FUNTRONIX LLC SHALL NOT BE LIABLE FOR ANY DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for Funtronix LLC any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights and you may have other rights, which vary from state to state or province to province.

Write down your product serial number for your records.

SN: _____

Please visit our website for new products and accessories for your scoreboard:

www.funtronixonline.com



Funtronix LLC
29834 N. Cave Creek Rd
Suite 118-273
Cave Creek, AZ 85331
email: sales@funtronixonline.com