



Sky-Fi Wireless Adapter (WA-1) User Instructions

The Sky-Fi wireless adapter is easy to set up and requires no user intervention once set up.

One adapter will be connected to your CTS timer (System 6, for example), or Pace Clock Controller (UPC-C). It will transmit scoreboard data (which includes shot clock data) to CTS wireless pace clocks/shot clocks or to another wireless adapter that is connected to a CTS LED numeric scoreboard, or to the DisplayLink computer for a video or matrix board.



Setting the Switches for Specific Applications

The configuration switches are labeled CONFIG. With the power off, set switches 1 and 2 according to what you want the wireless adapter to do:

Connected to	Function	Via	Switch 1	Switch 2
CTS timer or Pace Clock Controller	Transmitting	RS232	Down	Down
LED Scoreboard, Pace Clock or Shot Clock	Receiving	RS485	Up	Up
DisplayLink computer	Receiving	RS232	Up	Down
LED numeric scoreboard without RS485 jacks	Receiving	RS232	Up	Down

Setting the Channel

The wireless adapter connected to your timer must be set to the same wireless channel as the receiving device (which can be a wireless pace clock/shot clock, a wireless scoreboard, or another wireless adapter).

Using Multiple Wireless Adapters on Different Channels

If you are sending different data from two or more timers to separate scoreboards (for example, a water polo tournament with multiple games going on at once or a swim meet with multiple courses), choose channels that are as far apart as possible, and at least two apart.

With the power off, select the channel on a wireless adapter by setting switches 3, 4 and 5:

Channel	Switch 3	Switch 4	Switch 5
1	Down	Down	Down
2	Up	Down	Down
3	Down	Up	Down
4	Up	Up	Down
5	Down	Down	Up
6	Up	Down	Up
7	Down	Up	Up
8	Up	Up	Up

To select the channel on another product, such as a wireless pace clock/shot clock, see the manual for that product.

Antenna

Screw the antenna into the wireless adapter, and position it so that it is pointing up.

Plugging in

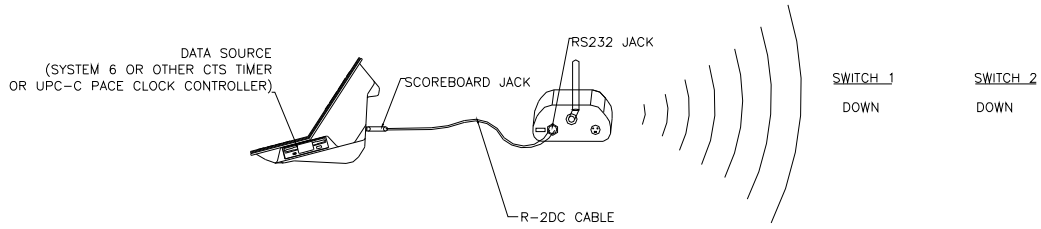
For each wireless adapter you are using, connect the power adapter to the wireless adapter and to AC power. Use the correct data cable to connect the wireless adapter to the product you are using it with:

To send data from the System 6, other CTS timer, or Pace Clock Controller, use the R-2DC cable

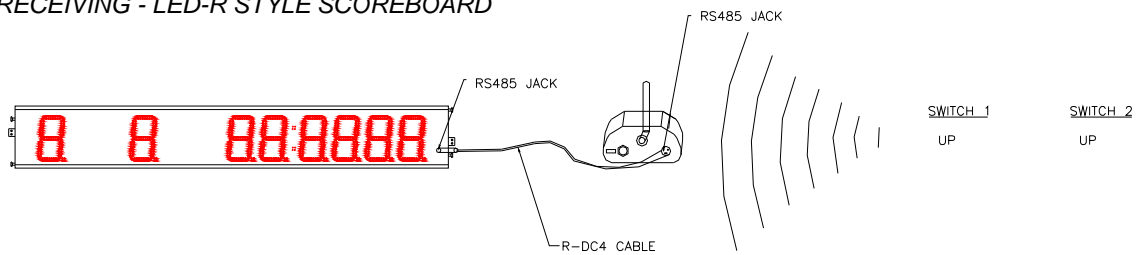
To receive data with:

- LED Scoreboard, Pace Clock or Shot Clock, use R-DC4 cable
- LED Numeric Scoreboard without RS485 jacks, use R-2DC cable
- Video board or matrix display, connect the DisplayLink computer to the wireless adapter using R-0002-0428 cable. This cable must be ordered separately.

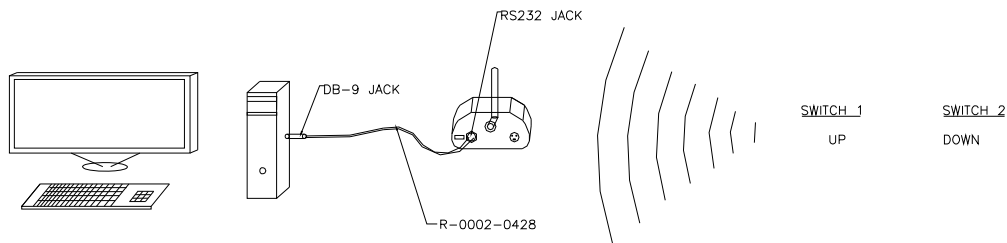
TRANSMITTING



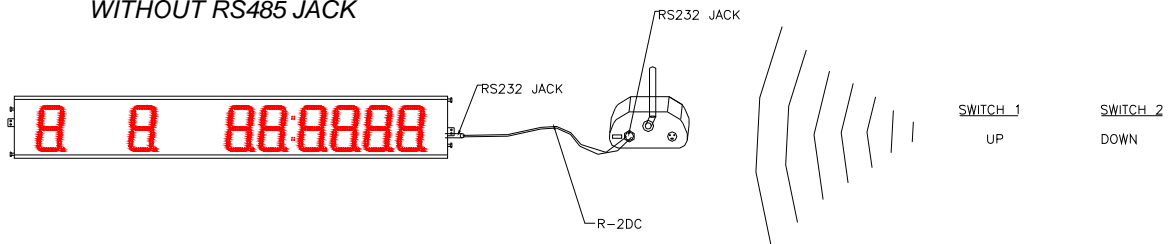
RECEIVING - LED-R STYLE SCOREBOARD



RECEIVING - DISPLAY LINK COMPUTER



**RECEIVING - NUMERIC SCOREBOARD
WITHOUT RS485 JACK**



FCC Compliance Statement for WA-1 Wireless Adapter

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Unauthorized modifications or changes made to this device not expressly approved by the party responsible for compliance voids the user's authority to operate the equipment.