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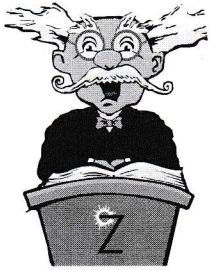


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2515 Tucker Road • New Woodstock, NY 13122  
1-800-662-7475 Fax: 1-888-858-7149

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# Scoreboard Users Guide

*Congratulations* on the purchase of your ZeeCraft Scoreboard.-

## Contents:

You should have received the following items: Scoreboard Display(s). If purchasing 2 or more Scoreboard Displays, one remote transmitter is included.

## Introduction

The scoreboard can display an individual team's score between -999 and +999.

The scoreboard is remotely controlled using a H-ITT TX3100 handheld remote.

If you ordered only two scoreboard displays, the remote and scoreboards will arrive set for 2 teams in secure mode. To begin using your scoreboards, plug them into a power strip or electrical outlet, then go directly to the last page, Section 2 for simplified control of two scoreboards.

On initial set up, follow the Getting Started instructions on the following page to set the remote control to operate the display's in your system.

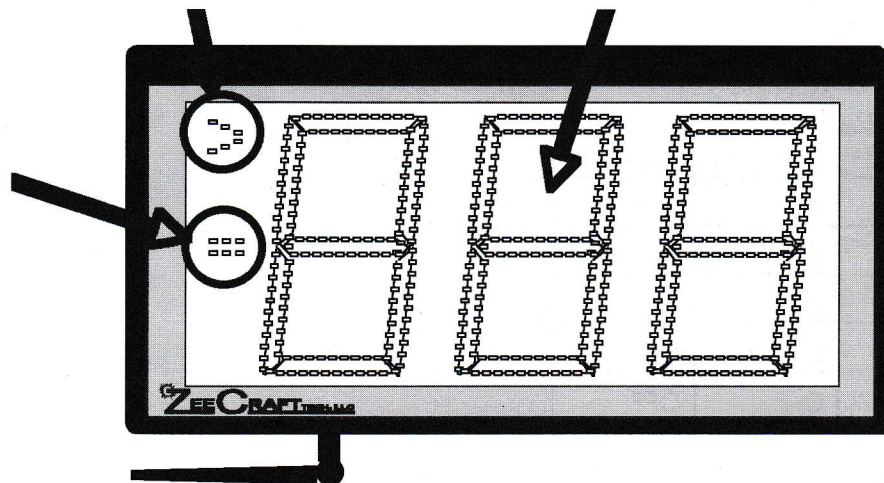
**Figure 1: General description of the Scoreboard features.**

Change indicator flashes  
when this display is  
selected to score.

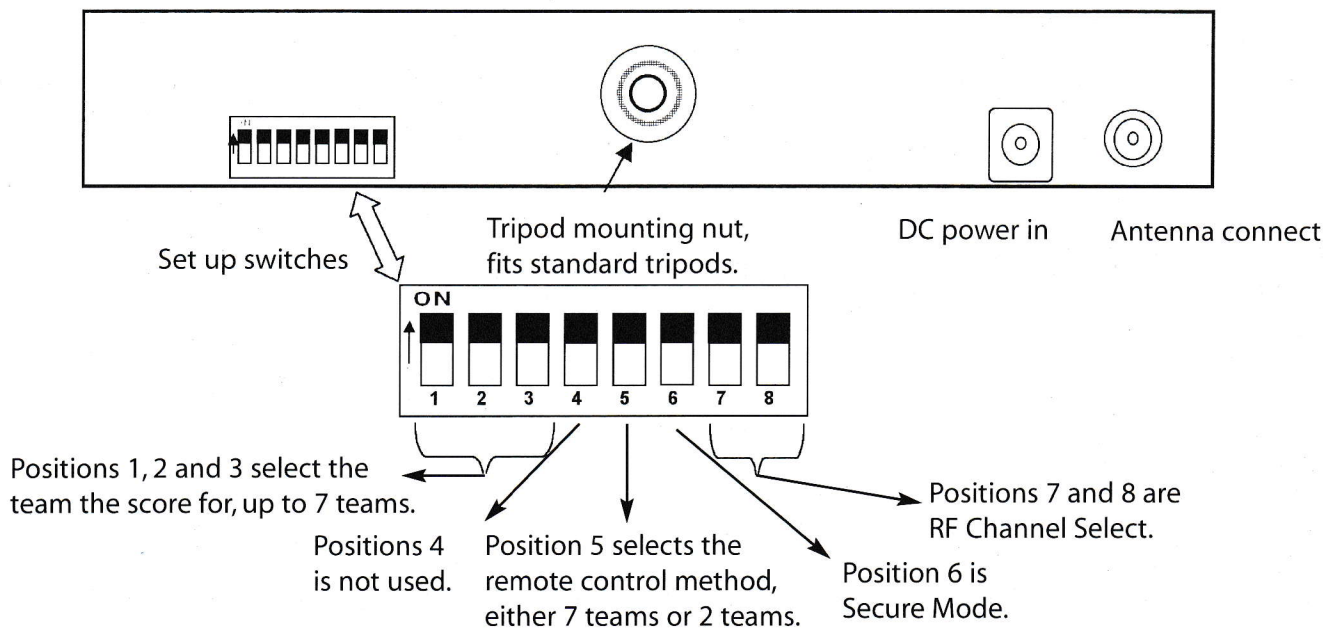
Team score

Two hangers are  
provided on the  
back that can be  
used to wall-mount  
the Scoreboard.

Negative sign, turns  
on when the score is  
negative.



**Figure 2: Bottom panel of the Scoreboard.**



## Getting Started

On the bottom of the scoreboard (reference figure 2) there are 8 switches used to set up the scoreboard for your application.

There are four options that you need to set up, these are:

1. Select and set up an RF channel (one time set-up).
2. Assign a remote to control the scoreboard (needed each time the scoreboards are powered up).
3. Set up the scoreboard for the team (one time set up).
4. Choose the remote control method, either 2 teams, or up to 7 team control.

### 1. Select and set an RF channel for your scoreboards to operate on

#### A. The Scoreboard:

Switches 7 and 8 on the Scoreboards select one of four RF channels your scoreboards can operate on. All Scoreboards in your competition must be set to the same RF channel.

The scoreboards are factory set to Channel 1 (both #7 and #8 switches ON).

**NOTE:** If you use the secure mode for the displays (switch #6 in the ON position) in your set up you do not need to change the RF channel, adjacent Quiz Bowl competitions will not cause interference. However, if you are not using the secure mode, and there are Quiz Bowl competition(s) running in the same room, or in close proximity (i.e. within less than 300 feet), you can change the RF channel to eliminate any interference from adjacent systems.

Use the following set-up table to select the channel on the scoreboards.

	Switch Positions	
RF Channel	7	8
CH 1	ON	ON
CH 1	ON	OFF
CH 1	OFF	ON
CH 1	OFF	OFF

#### B. The Remote:

Set the H-ITT TX3100 remote control for the RF channel the scoreboards are set to.

Here is how: (First, make sure a scoreboard is powered up, so the remote can "find it" during step 4 below.)

1. Press and hold the “down arrow key” until the light on the remote turns from green to red (about 3 seconds), then release the down arrow.
2. Press the J/0 key on the remote (the light blinks green).
3. Press the A/1 key on the remote (the light blinks green). This selects channel 01. If you have changed the scoreboards to operate on a different channel, then for this step, press the B/2 key for channel 2, the C/3 key for channel 3, and the D/4 key for channel 4.
4. Press the down arrow key again. If channel is selected correctly the red light on the remote may slow blink a few times then fast blink green. This fast green blinking indicates the remote has found the display, and the channel is set properly.

If you do not see the fast green blinks, the RF channel is not selected properly. Make sure the scoreboard is powered up, and the channel you are selecting in Step 3 above is the same as the scoreboard.

NOTE: The remote will remember the last RF channel selected until you change it, unless the batteries have been removed/replaced. If the batteries have been changed you will need to re-select the RF channel on the remote.

## 2. Assign a remote to control the displays (secure mode)

The scoreboard is controlled using a H-ITT TX3100 hand held remote. When you power up the scoreboard you can “teach” the scoreboard which H-ITT remote that you want to use, this is called the secure mode. The secure mode is selected when Switch 6 is in the ON position (this is the default factory setting). When the secure mode is selected only the remote you assign can be used to change scores on the team scoreboard(s). If secure mode is not selected, any remote can be used to change scores on the display(s).

How to assign the remote to the scoreboard(s) in your system:

1. Apply power to the scoreboard with the external power supply.
2. The display will initial count up, then the hundreds, tens, and ones digit will sequence. During this sequencing you can press the 1 key on the remote you want to use to control the display and the sequencing will stop with just the ones digit showing “0”.

NOTE: you can power multiple scoreboards at the same time, and when all displays are sequencing as described above, press the 1 key on the remote, and all scoreboards can be taught at once. This makes it easy when setting up a new competition, just power up all the scoreboards, then press the 1 key on the remote control.

## 3. Set up the scoreboard for the team

Each team should have a unique scoreboard. Switch positions #1, #2 and #3 are used to select which team (up to 7 teams) that the scoreboard will be used for.

Use the following table to set up which team the scoreboard is for:

	Switch Positions		
Team Selected	1	2	3
Team 1*	ON	ON	ON
Team 2	ON	ON	OFF
Team 3	ON	OFF	ON
Team 4	ON	OFF	OFF
Team 5	OFF	ON	ON
Team 6	OFF	ON	OFF
Team 7	OFF	OFF	ON
Team 1*	OFF	OFF	OFF

\* Team 1 is selected when all DIP switches (1,2, and 3) are set to ON or all are set to OFF.

Once a scoreboard is set up for a particular team, you can put a label on that display, i.e. TEAM 1, and always use that scoreboard for Team 1 scoring.

#### 4. Select the remote control method

Switch 5 selects how your remote control works with the scoreboard:

- The ON position allows the remote to control up to seven scoreboards.
- The OFF position provides simplified control for only two scoreboards.

See below for using the remote control in both Seven Team and Two Team Modes.

#### Seven Team mode - For controlling up to 7 scoreboards: (Switch 5 is ON)

##### First select the team you want to score:

To select a team, press the corresponding team number on the remote. The seven keys, A/1 through G/7 correspond to the team numbers.

When you select a team, the score change indicator in the top left of the display will blink on and off. (Reference figure 1)

You can change the score only when this indicator is blinking.

##### Adding or subtracting points from the selected team:

Keys H/8, I/9 and J/0 add to or subtract from the score in multiples of:

- H/8 adds or subtracts 1 to the current display score
- I/9 adds or subtracts 5 to the current display score
- J/0 adds or subtracts 10 to the current display score

When a team is selected you can increase the score.

Example: Select a team then:

- To add 1 point, press the H/8 key on the remote.
- To add 2 points, press H/8 two times (wait at least 1 second between key presses).
- To add 5 points, press the I/9.
- To add 10 points press the J/0 key.

To subtract points from the team score, press the << (left arrow key) first, then use the score change keys.

Example: To subtract 15 points, press the << key, then the J/0 (which subtracts 10), then the I/9 which subtracts 5 more.

After you have changed a team score, press that team's number again to deselect that scoreboard (the score change indicator will stop blinking).

Alternately selecting any other team (by pressing a different team number key) will de-select the current team and select the new team, noted by the blinking score change indicator.

#### Two Team Mode - For simplified control of two scoreboards: (Switch 5 is OFF)

NOTE: The two scoreboards must be set to Team 1 and Team 2.

Team 1 control keys

Team 2 control keys

#### Warranty:

The Scoreboard is guaranteed and will be fixed or replaced free of charge within one year from the date of purchase if it is a system error, not operator damage or loss. For warranty service or other repair, ship defective units or parts prepaid to Zeecraft Tech., LLC.

