



DIGITAL SCOREBOARD INSTRUCTION MANUAL



LED SCOREBOARD WITH 2 X 3 TEAM NAME & CLOCK

1) Scoreboard connections:



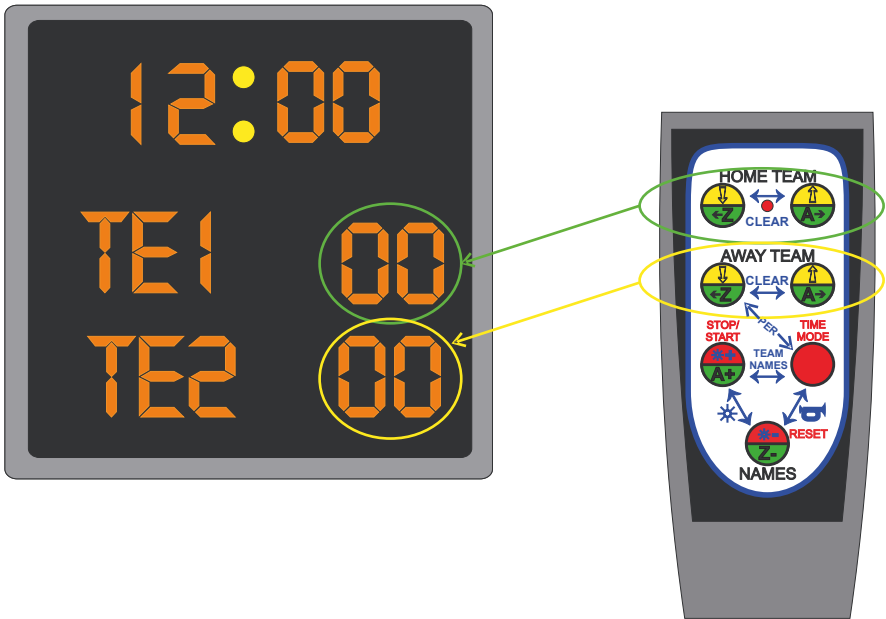
- The scoreboard should be supplied with a 230V mains supply.
- The mains supply should be fed through 5 amp circuit breaker and it is highly recommended that the supply should be fed through a Residual Current Device (RCD)
- If the scoreboard has been supplied with a separate aerial this should be mounted as high as possible





2) Normal Operation:



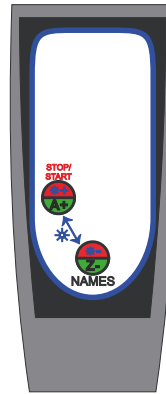
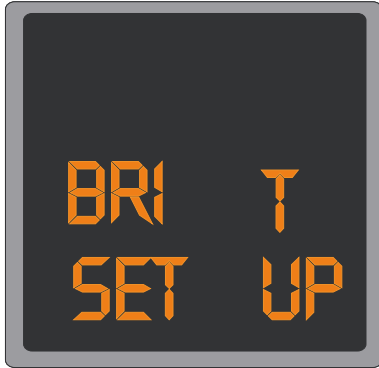
- When the scoreboard is switched on it will display a “code” number stored in memory. This is displayed for five seconds. The scoreboard will revert to normal score display. Note the clock display is blanked at startup
- There are five possible codes that may be used. This allows a number of scoreboards to be operated in close proximity of each other
- Further details on programming the code can be found at the end of the manual



3) Normal Scores Operation:




- 1) To increase the score press the  button
- 2) To decrease the score press the  button
- 3) To clear the score press the  &  buttons together

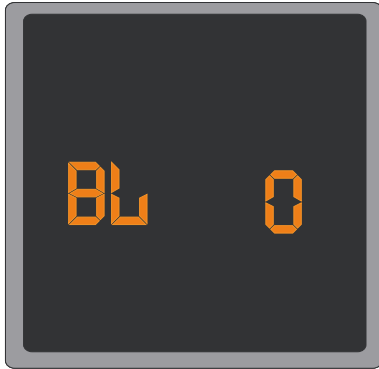
4) Brightness Operation:




To set scoreboard into brightness mode, press the  &  buttons on handset together. The scoreboard will display the above message for two seconds and will then display brightness level as below.



To “Increase” the brightness of the display press the  button and display brightness will increase. The level will increase to “BL = 7” This is the highest brightness. There is also an automatic brightness setting “BL=A”





To “decrease” the brightness of the display press the  button and display brightness will increase. The level will decrease to “BL = 0” This is the lowest brightness.

To return to normal scoreboard display press the  &  buttons together

5) Scoreboard blank:



To blank the scoreboard display, press the  &  The score will be restored if any score button is pressed

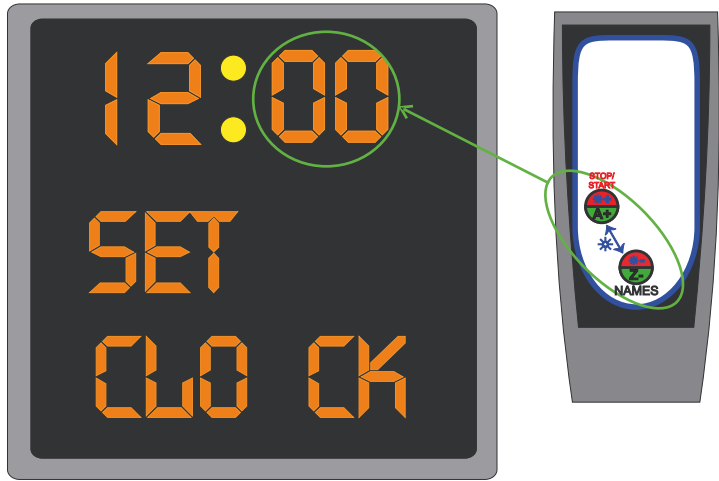
6) Clock mode:



There are three modes on the scoreboard to display:

- Time Clock Display
- Minute & seconds countup
- Minute & seconds countdown



To activate the various modes of the clock counter display push & hold the “Time Mode” button until the display changes to “CLOC



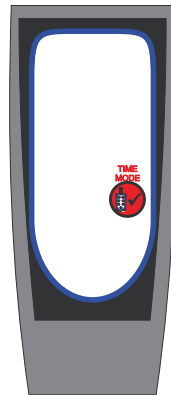
The display will now show “Set Clock” mode. Press  to increase the time. The minute value will increase to 59 then the hour will be increased. Press  button to decrease the clock to the correct time. To store time or move on to the next timer mode press the




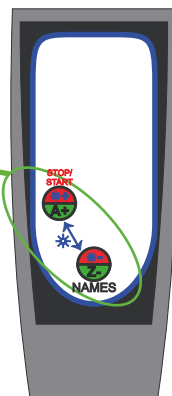
The display will now display “STORE” temporarily and after two seconds show the actual time.




Note if the time value is not adjusted then the scoreboard will use the clock value that is already running in the background. This means that the clock does not need to be adjusted each time the clock or countdown display is used

7) Countup mode:

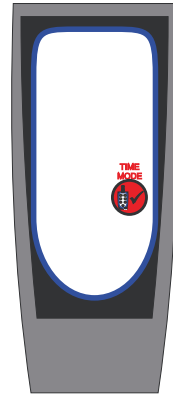



To activate countdown mode. Push & hold the “Time Mode” button  until the display changes to “CLOC SETUP”

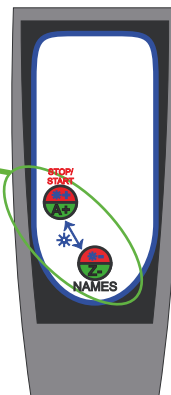





The display will now show “COUNT UP” mode. Press  to increase the time. The minute value will increase to 99. Press  button to decrease the counter to the desired time. To store time or move on to the next timer mode press the  button.

8) Countdown mode:



To activate countdown mode. Push & hold the “Time Mode” button  until the display changes to “CLOC SETUP”

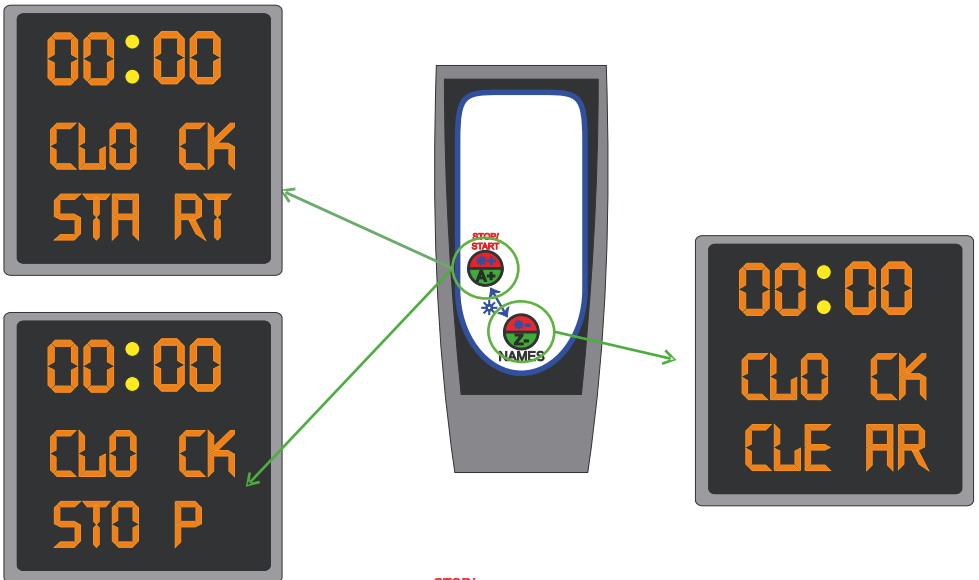




The display will now show “COUNT DWN” mode. Press  to increase the time. The minute value will increase to 99. Press  button to decrease the counter to the desired time. To store time or move on to the next timer mode press the  button.



The display will now display “STORE” temporarily and after two seconds show the actual time.

Note if the time value is not adjusted then the scoreboard will use the clock value that is already running in the background. This means that the clock does not need to be adjusted each time the clock or countdown display is used



To start and stop the counter press  To clear the counter press  hold until “CLEAR” is displayed. Release the button.

Note: The counter must be stopped before it can be reset

9) Team name setup using remote handset:

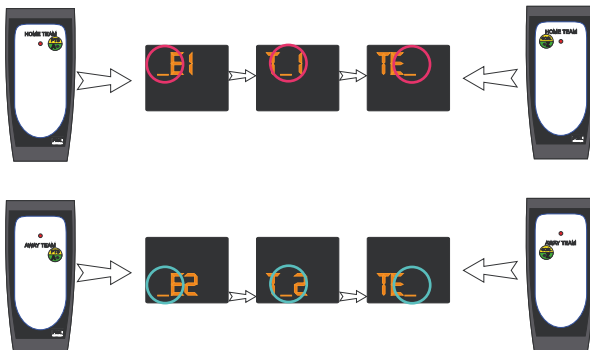
The team names can be programmed into scoreboard using the remote transmitter.

The team names will be stored into memory and will be displayed each time the scoreboard is switched on.




To enter team name setup
press  &  switches together

To change the letter to be adjusted press the appropriate button on the transmitter to move the flashing underscore to the right or left
e.g. “T_1” to “TE_” There are separate buttons for the home & away teams




The letter to be changed in the team name will start to flash between the current stored letter and an underscore
e.g. “S” then “_” then “S”





⇒ To increase the letter press the  button
e.g. “A” then “B” then “C”



⇒ To decrease the letter press the  button
e.g. “C” then “B” then “A”

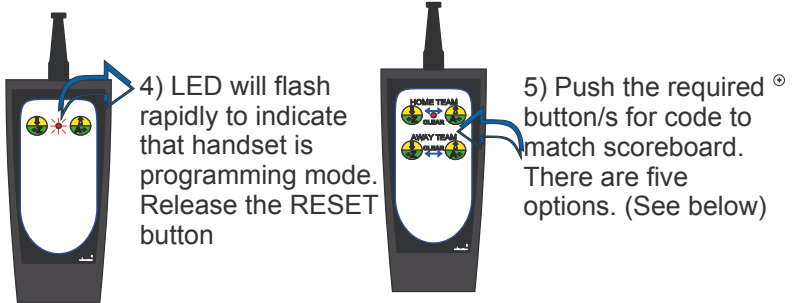
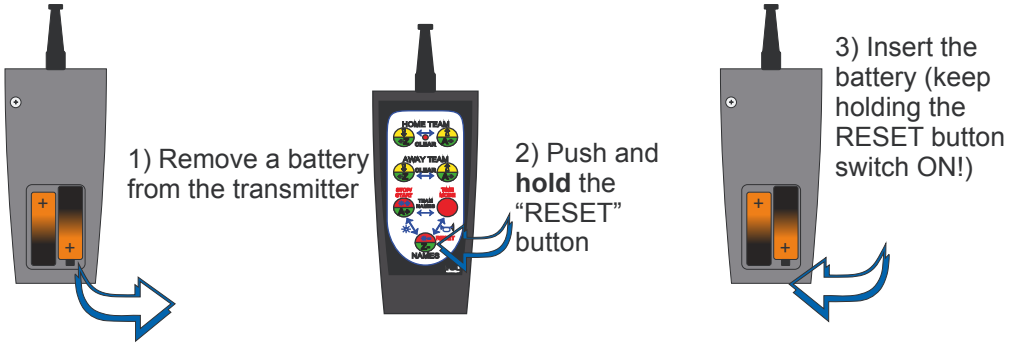


⇒ To store the team names into memory and resume normal operation press  &  switches together

The display will show all colons as above and then return to normal scoring display

Appendix A

Minigrip Remote Handset Code Change



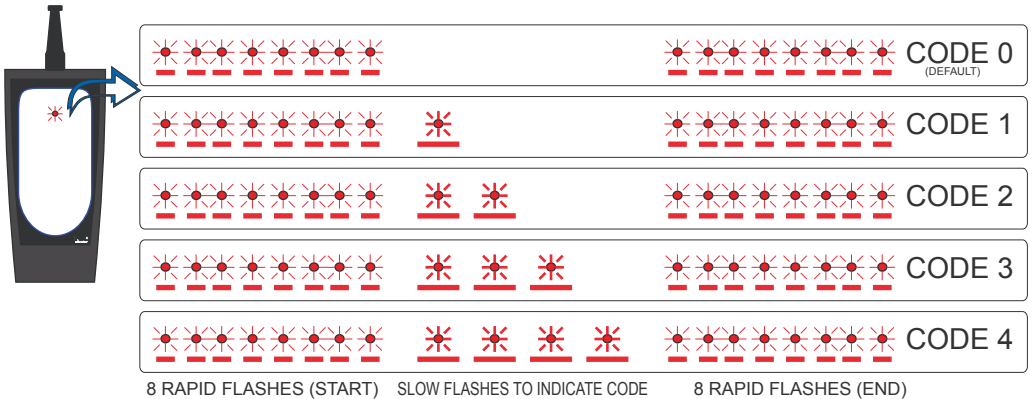
CODE 0 (DEFAULT) CODE 1 CODE 2 CODE 3 CODE 4

6) Handset is now programmed to new code

Appendix B

Minigrip Remote Handset Code Checking

The transmitter unit has a programmed address code stored internally. This allows a number of scoreboards to be operated in close proximity of each other.



Appendix C

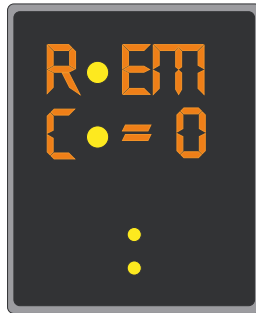
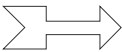
Learning handset code into scoreboard

- 1) Switch off power to scoreboard
- 2) Set handset to desired code (*Appendix A*)
- 3) Press and hold any of the scoring buttons on the transmitter
- 4) Switch on power to scoreboard
- 5) Scoreboard will learn new code during startup



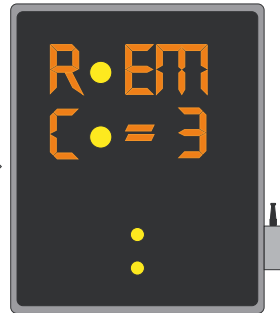
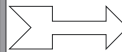
Set desired code on transmitter (*Appendix A*)

Push & hold score button



Switch on power to scoreboard

Scoreboard will display old code



Scoreboard will learn and store new code

New code will be display.
Scoreboard will resume normal operation

Appendix D

Trouble shooting guide

Scoreboard is not displaying any information check the following points:

- 1) Make sure the power is switched on and that **all** isolator switches are switched on
- 2) Press score buttons to make sure that the scoreboard has not been blanked
- 3) Check that the LED brightness has not been set too low
- 4) Check the LEDs controller box on the side of the scoreboard. There should be two green LEDs illuminated

5) Check the plug in fuses in the side of the scoreboard

Scores are displayed but the remote handset is not operating:

- 6) Replace batteries in remote control transmitter
- 7) Move closer to scoreboard. Typical range is 100 metres but this can be effected by surroundings and external interference
- 8) Check that the red LED lights on the transmitter when a button is pressed. Check if the receive LED on the scoreboard controller lights when pressing the remote control transmitter
- 9) Check that the scoreboard and transmitter are on the same code (Appendix A & B) **Note:** The receive LED on the scoreboard controller will flash slowly if it detects a transmitter on a different code

IF IN DOUBT CONTACT:

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