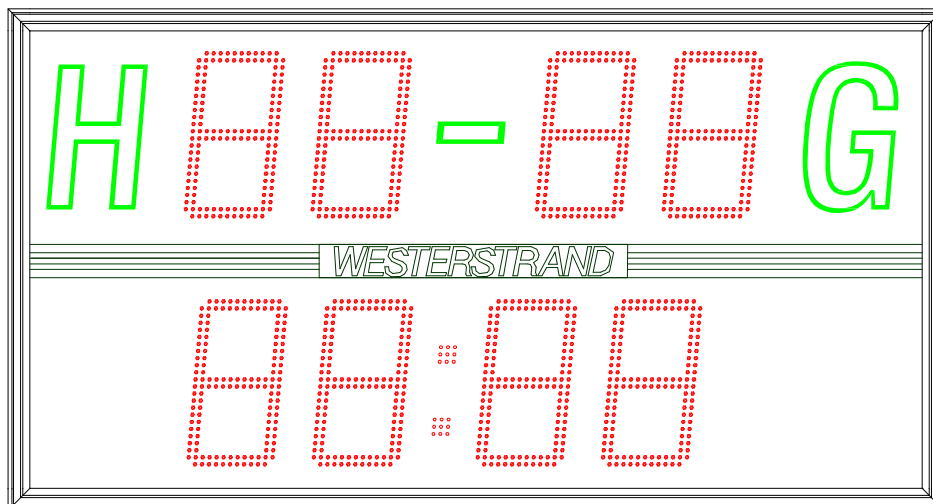
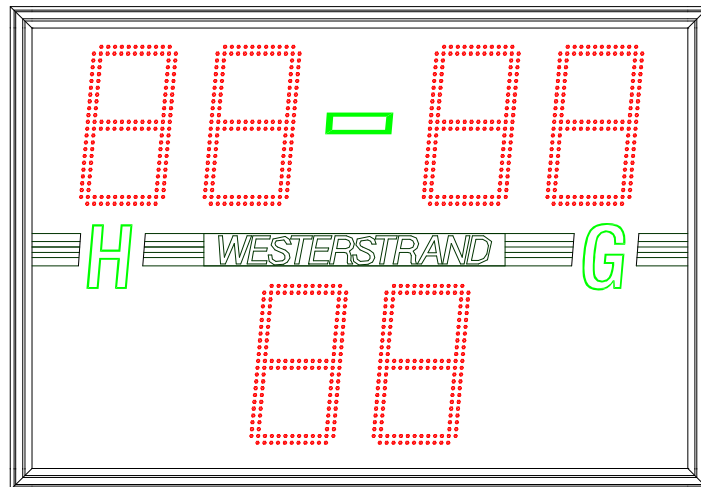




# Instructions

## SCOREBOARD FOOTBALL

### LED



#### WESTERSTRAND URFABRIK AB

P.O. Box 133  
545 23 TÖREBODA

+46 506 48 000  
+46 506 48 051

Internet:  
E-mail:

[www.westerstrand.se](http://www.westerstrand.se)  
[info@westerstrand.se](mailto:info@westerstrand.se)



## Important Safeguards

### Read all these instructions and save them for later use

- Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the product and/or person.
- Slots and openings in the cabinet and the back are provided for ventilation to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. This product should never be placed near or over a heat source. This product should not be placed in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock.
- If installation is required, it must only be done by appropriately skilled personnel. For permanently installed equipment, a certified electrician must perform the installation.
- Except as explained elsewhere in the operating manual, do not attempt to service this product yourself. Removing covers may expose you to dangerous voltage points or other risks. Refer all servicing in those compartments to a service technician.
- Product that intends to be connected to mains as a permanent installation shall be connected by a readily accessible safety switch.
- If the product is equipped with a plug (grounding type) this shall be connected to an outlet that is intended for the product. The plug must be easy to disconnect without moving or dismantle the product.

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Internet:                      [www.westerstrand.se](http://www.westerstrand.se)  
E-mail:                        [info@westerstrand.se](mailto:info@westerstrand.se)



## General

This scoreboard is for outdoor use. A remote control unit controls the scoreboard. The remote control is based on radio communication and is supplied by batteries.

## Scope of delivery

Delivery includes:

- Scoreboard
- Mounting kit
- Remote control unit

Delivery does not include:

Cable for connection to 230V.

## Installation

The front glass (polycarbonate) should not be removed when mounting the scoreboard. The scoreboard is designed for mounting to wall or to a separate stand. A mounting kit is included in the delivery. Fix the bars vertically and leave a space for air circulation between wall and board. See drawing 081716-00.

## Connections

### Power supply

Connect 230VAC according to the picture below. The power should be connected to the main power terminal. An easy accessible power switch shall be incorporated in the fixed wiring. Installations fuse max 10A.



### DCF and Time code (TC)

DCF: Attach the DCF-antenna according to the figure below. – to –, + to + and DCF to DCF. See the next page for DIP and jumper settings.

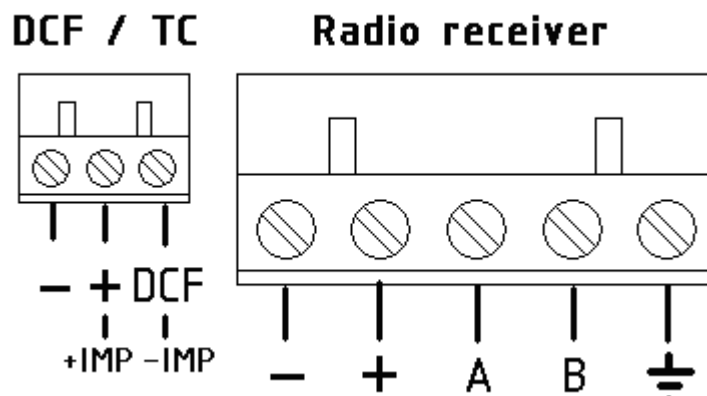
TC: Connect +IMP to +IMP and –IMP to –IMP. See the next page for DIP and jumper settings.

### External Radio receiver

*Note! Normally this is not needed due to internally connected radioreceiver.*

Disconnect J17. See upper left corner in figure2.

Connect the radio receiver (21585-XX) to the 5-pin-connection in the figure below. – to –, + to +, A to A, B to B and the shielding between the ground connections.



## Disturbances of radio transmission.

All radio transmission in the bandwidth used by this installation can be disturbed for various reasons. Mobile phones, TV-transmission etc, can cause disturbances under certain conditions.

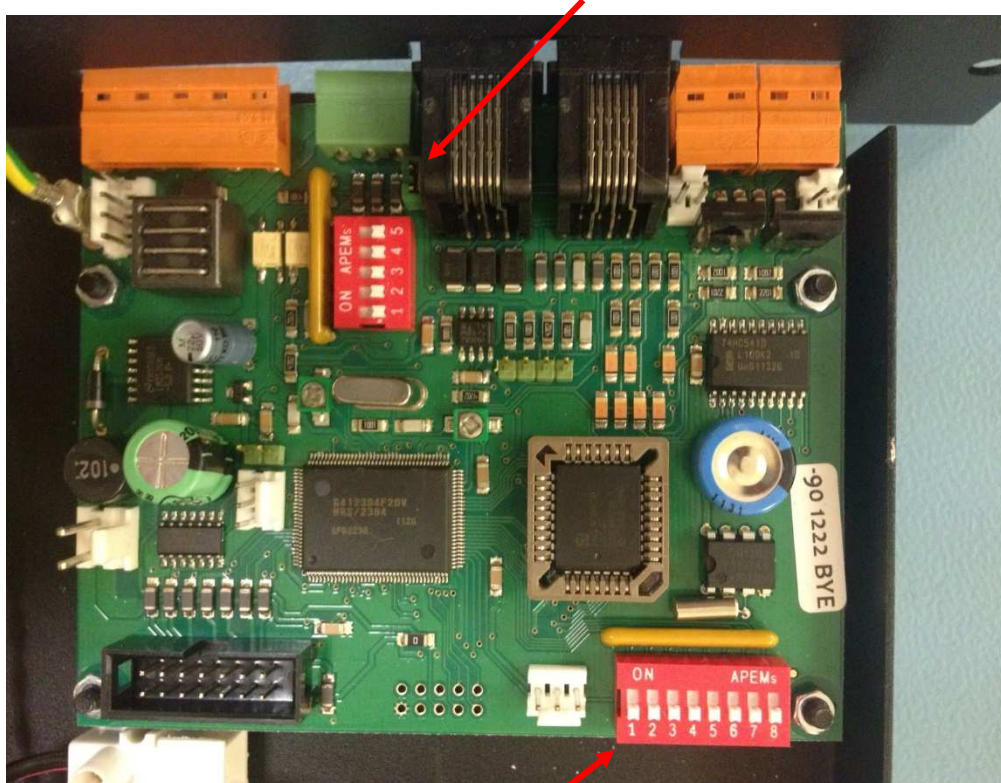
## What happens if the power is down?

At power down, the scoreboard will go blank and when the power comes back, it is started in the original state.

## DIP-settings on the circuit board

Settings for time synchronization are normally set at delivery. If timecode or impulse synchronisation is to be connected at a later time, some DIP- and jumper settings may have to be changed.

The time synchronisation method is set using jumper P3 and DIP 5, 6 and 7 on the 8-pole DIP-switch



8-pole DIP-switch

Synkronisation method	Jumper P3	DIP 5	DIP 6	DIP 7
DCF, WL-receiver and internal clock	Mounted	OFF	OFF	OFF
TC	Not mounted	OFF	ON	OFF
Synk 1/1-minut	Not mounted	OFF	OFF	ON
Synk ½-minut	Not mounted	ON	OFF	ON

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