DESCRIPTION – BASIC LED190 TEXT ART NO 117601-54

Basic module is a single sided Scoreboard for indoor sports
The delivery includes:
1 pc. Multi-purpose scoreboard with built in siren (indoor use)
1 pc. Wall mounting kit according to description 2582
1 pc. Instruction 2570
1 pc. Remote wireless with radio receiver for the scoreboard
1 pc. Software for PC

SPORTS: HANDBALL - BASKETBALL - VOLLEYBALL - FUTSAL - FLOOR BALL -
         TENNIS - TABLE TENNIS - BADMINTON - INDOOR FOOTBALL - BOXING - WRESTLING
         WEIGHTLIFTING - WATERPOLO - TIME KEEPING - GENERAL USE

The design makes it suitable for most indoor sports and can also be combined with various add-on
modules e.g. Shot Timers for 24-seconds rule in basketball, Penalty units, Individual foul units
It is controlled from our self-instructing remote control unit with pre-programmed rules adapt the control unit
to each individual sport. The built in moving text is controlled via software for PC.
The included remote control unit is wireless.

Match/Game time	Minutes and seconds, four digits, count-up or down Local day time can be indicated when no game is being played
Game in progress/stopped	Indicated by green/red dot.
Score indication	000-999 (three digits per team) for Basketball and Futsal and 00-99 (two digits per team) for other sports
Period	1-9
Text	Matrix, 18 characters for team name, alternating information or moving text.
Penalty	1 penalty time/team
Serve/ball possession	Indicated with arrows
Foul	1 digit/team for team foul and for basketball these digits also indicate last individual foul and player No (blinking)
Time-out	Count-down of time is indicated instead of match/game time (not in basketball), and by dots
Siren	Built-in. Sounds automatically at finished game, time-out and break pause. By manually pressing a key, the siren can also sound at any requested time
Maintenance	The electronic can easily be removed by loosen two screws in the bottom of the scoreboard.

More detailed description of the function for each individual sports available on separate data sheets.
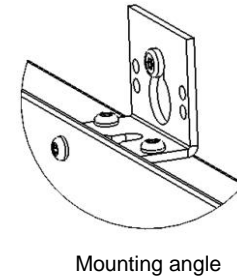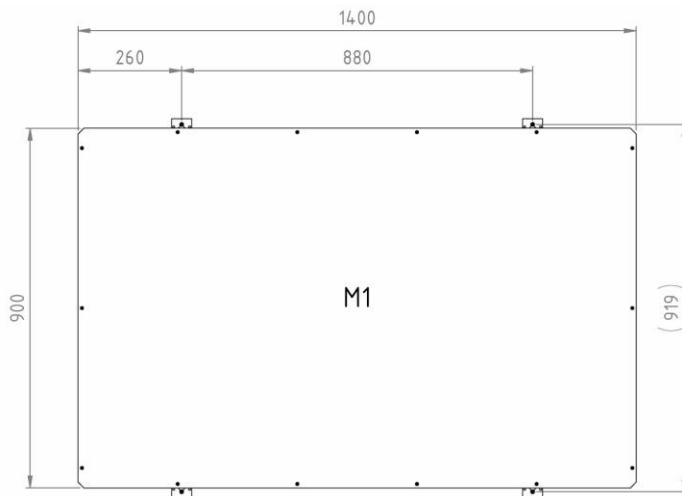We reserve the right to make changes at any time.

E 8731 A

MOUNTING

Mounting angle

TECHNICAL DATA:

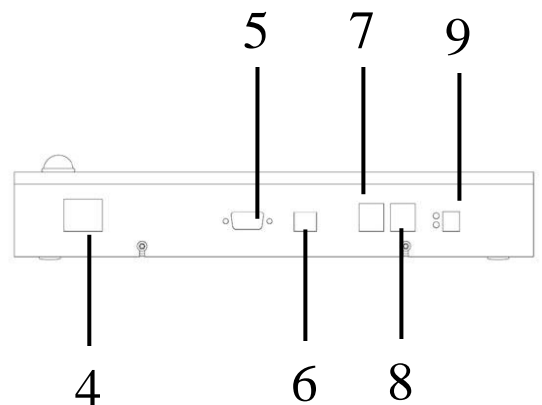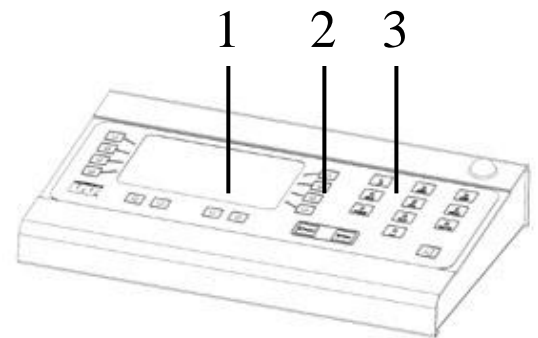|	
Case:	Aluminium, black
Front:	Polycarbonate, 3mm
Digits:	LED's (SMD)
Digit height:	190 mm (score, time, penalty and teamfoul), 140mm (period)
Text	Character height 94/82mm. Controlled via software for PC. Connection via RS485.
Colour of digits:	Red / Green / Yellow
Colour of text:	Yellow
Size of dots:	Ø 25mm
Colour of dots:	2 yellow and 1 red / team 1 green and 1 red for indication game in progress/stopped
Exterior dimensions of case:	(WxHxD) 1400 x 900 x 50 mm
Weight:	17 kgs
Reading distance:	Approx. 75 metres
Connection voltage:	230V 50-60 Hz AC
Power supply and electronics:	The electronic can easily be removed by loosen two screws in the bottom of the scoreboard.
Power consumption:	75W
Ambient temperature:	±0° C up to +40°C
Siren:	Built in, 105 dB

E 8731 A

DESCRIPTION: REMOTE CONTROL UNIT BASIC 117600-15

The TFT display shows the same information as the Scoreboard.
Easy to use through pre-programmed international rules.

Remote control Art.No. 117600-15 for wireless operation of Scoreboards
The delivery includes:
1 pc. Remote control unit wireless with pre-programmed sports
1 pc. Receiver for the Scoreboard

1. TFT display (800 x 480 pixels)
2. Function keys
3. Numeric keys
4. Switch on/off
5. D-sub connector
6. USB connector
7. Connector for start/stop handle
8. Connector for 24-seconds control handle
9. Power connection incl. LED charge indicator,
   Battery eliminator is included

TECHNICAL DATA:

Exterior measurements:	(WxHxD) 295 x 195 x 50 mm.
Weight:	1,2 kgs
Ambient temperature:	± 0°C up to +40°C.
Colour	Black casing with blue overlay
Case:	Aluminium
Connection to basic module:	Wireless 2.4 GHz
Mains Power:	230VAC
Battery:	Built in (approx 10h)

OPTION – see separate data sheets
- Start/Stop handle:
- Siren for medium and large halls
- Audio output – for siren
- RS 232 output
- Red/green referee lamps
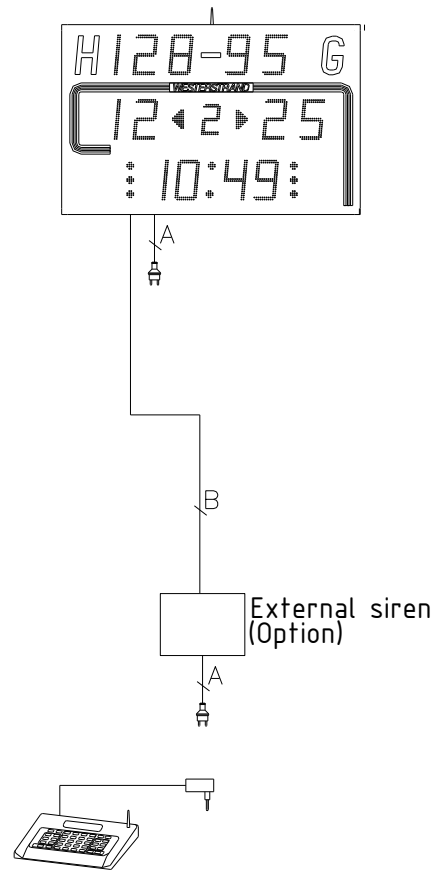- 114915-00 Bag for storage of remote

E 8731 A

WESTERSTRAND URFABRIK AB Sweden
P.O. Box 133, SE-545 23 TÖREBODA   Tel. +46 506-480 00 Fax +46 506-48051
E-mail: info@westerstrand.se   Internet: www.westerstrand.se

CABLE DIAGRAM

H128-95 G

12 ◀ 2 ▶ 25

: 10:49 :

A

B

External siren
(Option)

A

A: The module has a power cord that must
be connected to an earthed power outlet with a 10A fuse.

* This cable is supplied in the delivery

cable length m	A	B
< 50		
< 100		
< 150		
< 250		CAT5
connect. diagr.		2723
remark		UTP

We reserve the right to make changes at any time.

E 8731 A