



DESCRIPTION – BASIC LED190 MULTISPORT

ART NO 117601-02

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. Hard wired remote

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.

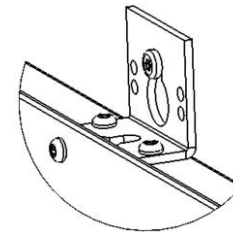
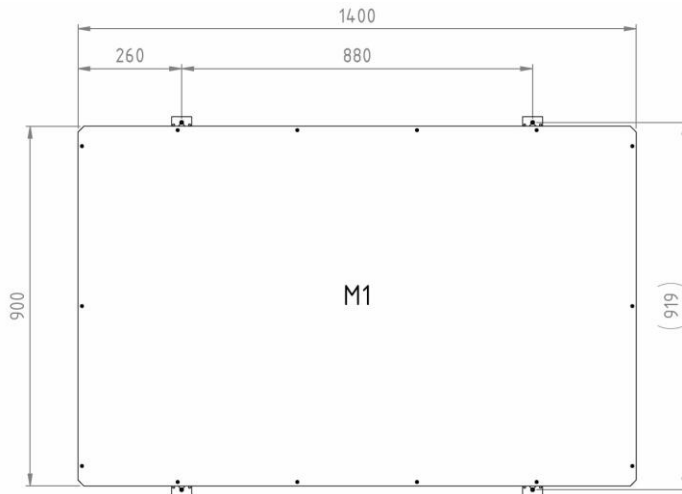
The included remote control unit is hard wired, connection to Scoreboard acc to diagram on page 4.

| | |
|---------------------------------|---|
| 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 |
| 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.



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) |
| Colour of digits: | Red / Green / Yellow |
| Colour of fixed 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: | 14 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: | Max. 160 VA |
| Ambient temperature: | ±0° C up to +40°C |
| Siren: | Built in, 105 dB |

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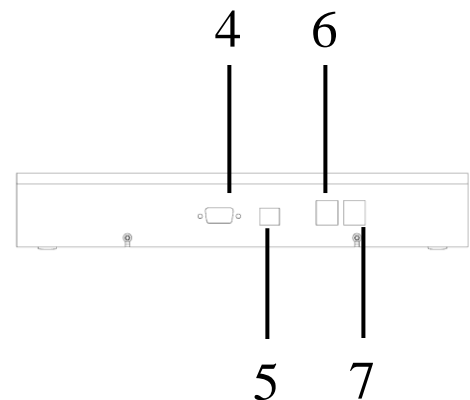
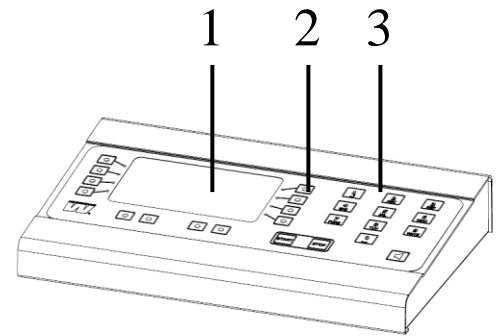
DESCRIPTION: REMOTE CONTROL UNIT BASIC 117600-05

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

Remote control Art.No. 117600-05 for hardwired operation of Scoreboards

The delivery includes:

- 1 pc. 22497-00 Remote control unit with pre-programmed sports
- 1 pc. 40536-42 Connection box



- 1. TFT display (800 x 480 pixels)
- 2. Function keys
- 3. Numeric keys
- 4. D-sub connector
- 5. USB connector
- 6. Connector for 24-seconds control handle
- 7. Connector for start/stop handle

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:

See block diagram on next page. 3,0 metre cable with 5-polar audio connector and connection box are included in the shipment.

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

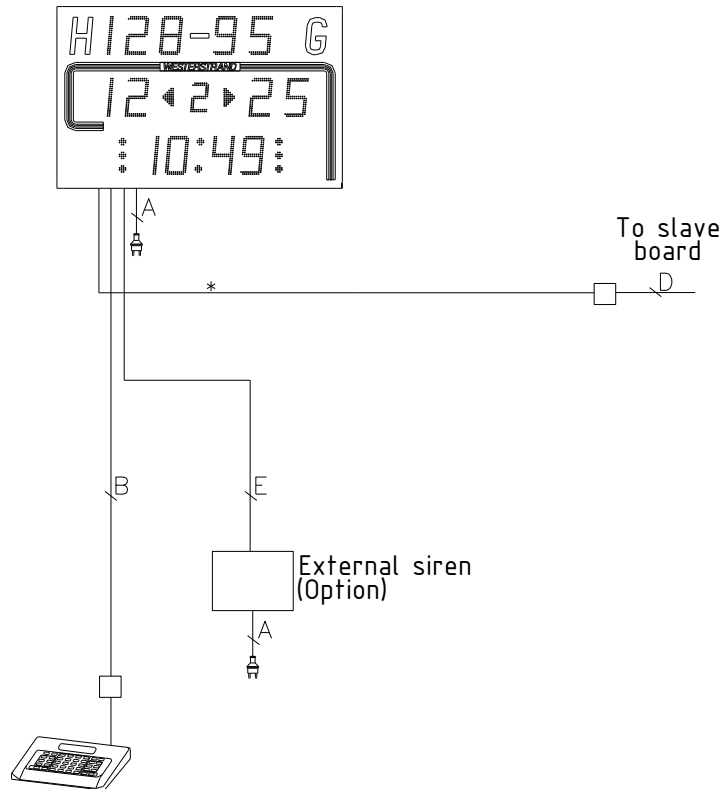
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CABLE DIAGRAM



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 | | D | E | * |
|-------------------|------------|-----------|--|-----------|---------|------|
| < 50 | Power cord | 4 x 0,5 | | | | RJ12 |
| < 100 | | 4 x 1,0 | | | | |
| < 150 | | 4 x 1,5 | | | | |
| < 250 | | 4 x 2,5 | | Cat 5/6 | Cat 5/6 | |
| connect. diagr. | | 086363-03 | | 085170-09 | 2723 | 2723 |
| remark | | Shielded | | UTP | UTP | |

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