

LED Scoreboard

USER GUIDE



MODEL: BS-1

Copyright 2008

CONTENT

- 1. Product Features 1
- 2. Dimension 1
- 3. Specification 1
- 4. Operation Guide 2
- 5. Tips 2

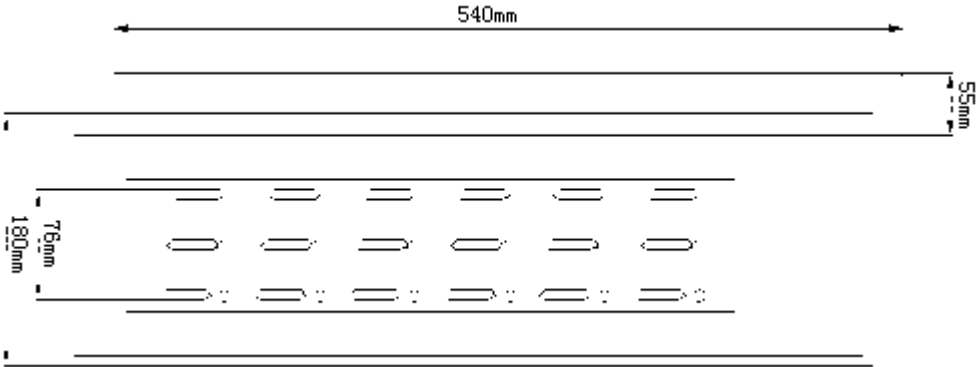
Thank you for purchasing the BS-1 series LED Scoreboard.
Please read this manual through before use.

1. PRODUCT FEATURES

The LED Scoreboard, is designed to enhance Anyload OCS crane scale for better performance, like weight reading distance, user friendly interface.

- Advanced microcontroller, and quality semiconductor used on PCB board for reliable data communication.
- 3 inch high, wide visual angle LED display, suitable in night or long distance operation.
- Up to 15 meters communication distance, standard RS-232 serial interface to various industrial devices and indicators. (Optional)
- Up to 500 meters communication distance, wireless interface. ISM working band. Carrier frequency: 429MHz to 433MHz. (Optional)

2. DIMENSION



Net weight: 3kg

3. SPECIFICATION

1. Power Supply
220V 50Hz AC Input, standard SAA plug (250V AC / 10A).
2. Data Interface
(Optional) 15 meters cable. Standard RS-232 serial 9-pin D-type socket.

Pin-2: RXD.

Pin-3: TXD.

Pin-5: GND.

(Optional) Wireless.

3. Data Format

Byte format: 10-bit (None Verification, 8-bit Data, and 1-bit Stop).

Bytes string format: 1-byte start flag, 8-byte data.

4. Baud Rate

9600 bps or 1200 bps predefined. For other baud rate, please contact with us.

5. Working Temperature

-10°C to 40°C

4. OPERATION GUIDE

1. For cable connection, use the dedicated data cable to hook the scoreboard with crane scale. For wireless connection, no cable is needed.
2. Power on the scoreboard to 220V power.
3. Power on the crane scale, waiting for its signals.

5. TIPS

1. Scoreboard displays following message upon power-on.



2. The leftmost digital is not used or only used as minus sign.
3. The scoreboard synchronizes its display with crane scale's display. If scoreboard works asynchronously, please check the connection.
4. Cable connection's safe distance is around 15 meters. Longer than 15 meters will cause error message or missing signals.