

# ***ELECTRONIC DISPLAYS INC.***

135 S. CHURCH STREET

ADDISON, ILL. 60101

[www.electronicdisplays.com](http://www.electronicdisplays.com)



## **EDV225MPC-3L-N1-VT-IR - Production Scoreboard**



### I. Brief Introduction

The production output display screen (hereinafter referred to as the display screen) displays the target output, actual output, difference or achievement rate display value after power-on. Display content can be adjusted by remote control. Actual output plus one photoelectric switch turn on once, actual output value plus one counting step. Differential yield = actual yield - target yield. Achievement rate = actual yield \* target yield \* 100%. Differential yield and achievement rate can be switched and displayed. No loss of display content when power off.

### II. Wiring instructions

5-core photoelectric switch for output counting of aerial head.

The three-core air head leads are connected to 485 communication terminals, including one foot of red line 485.A, two foot of blue line 485.B, and three foot of black line 485.B. The communication line adopts 3-core twisted-pair shielding wire. All Kanban communication lines are merged into 485

converter and connected to the computer USB port. The red line is connected to 485 converter '+' terminal, the blue line is connected to 485 converter '-' terminal, and the black line is connected to 485 converter '-' terminal.

The 4-core aircraft head is connected with AC 100-230V voltage.

### 3. Instructions for the Use of Remote Controllers

1. Select the window. Pressure Settings (SET) key to the window where you want to adjust the display content (with flashing prompts). The order is planned output, actual output, rhythm time and counting step. Rhythm time and counting step length are displayed only in the planned and actual output windows when set.

2. Input data. Input 0-9999 data directly with 0-9 digital key. The beat time ranges from 0.1 to 999.9 seconds. The counting step is 1-99. When set, the data is preceded by a prompt N. That is to say, "N = 12" indicates that the counting step is 12.

3. Data clearance. Pressure reset (REPEAT) keys indicate that the content of the flicker prompt window is zeroed, and the data can be re-entered using the above method.

4. End the adjustment. Press the START/STOP button to stop the blinking of the display window, indicating the end of the display adjustment.

5. Start-up counting of planned output: In the unset state, press the WORK key, and automatically add one planned output every other beat time. At this point, the last decimal point of the planned output window flickers.

6. Planned output pause counting: Press the rest (REST) button and count the planned output pause in the non-set state. At this time, the last decimal point of the planned output window is not bright.

7. Increase the actual output step. Press the actual output plus (UP) key and increase the actual output value by one step.

8. The actual output will decrease step by step. By pressing the DOWN key, the actual output value is reduced by one step.

9. The actual output is zero. Pressure reset (REPEAT) bond under unset condition, the actual output value is 0.

10. Set up the communication address. Press address (FGB) key, communication address two digits flicker; press digital key input new communication address code, value range 1-99, if 10, press 1, 0

key in turn, press end key to exit setting. When set, the data is preceded by a prompt d, that is to say, "d = 01" indicates that the communication place is 1.

11. Switch display. The TABATA key can switch to display differential yield or achievement rate.

#### Notes

1. When you are not working for many days, please unplug the power plug.
2. In case of program disorder (commonly known as "crash"), please call back after power failure (commonly known as system reset).
3. When operating with remote control, please aim at the center of the front of the display screen. The remote control uses two No. 7 batteries, which should be removed when not in use.