

POLANIK  
Poland, Życzliwa 11  
97-300 Piotrków Trybunalski

tel. +48 44 646 44 81  
tel. +48 44 648 50 89  
fax +48 44 646 43 58

e-mail: [info@polanik.com](mailto:info@polanik.com)  
[www.polanik.com](http://www.polanik.com)



## TECHNICAL SPECIFICATION

### ASSEMBLY MANUAL

#### LED race clock with results option T6-RCU



File: 2016-01-11  
PRODUCT SUPPORT  
Paweł Ciechanowski  
[p.ciechanowski@polanik.com](mailto:p.ciechanowski@polanik.com)

**ATTENTION!**

**The board is an electronic device and it requires careful handling!**

**I. General use**

The race clock led display is designed to display running time or 6-digit results during sports events and training programmes. Counting time up and down, additional result display feature, handheld time control keypad and numeric keypad for entering 6-digit results, integration with chronometer.



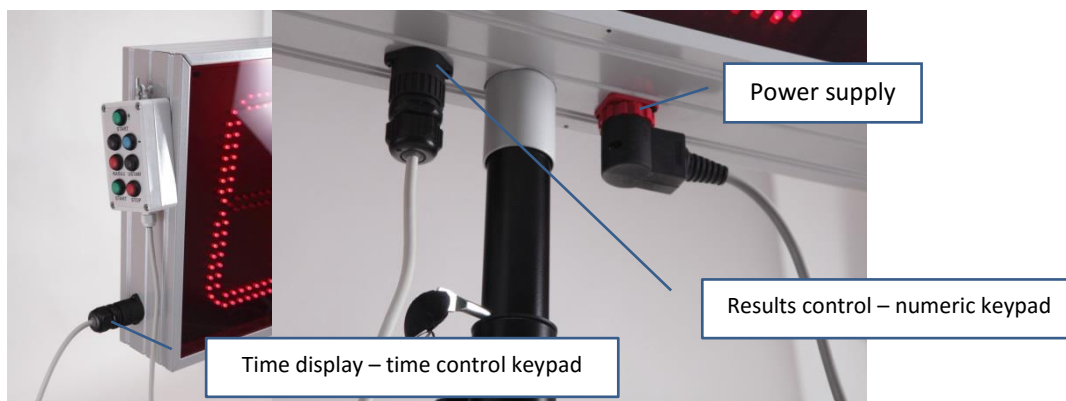
## II. Technical specification

Code	T6-RCU
Type	Race clock with results option
Power supply AC [V]	230
Power consumption [VA]	50
Display box dimensions [mm]	1550 x 340 x 100
Frontal cover	solid polycarbonate
Display type	LED
Display colour	red
Digit height [cm]	25 cm
Good visibility [m]	100 m
Maximum visibility [m]	125 m
Displayed time format – standalone operation	HH:MM:SS
Displayed time format – standalone operation with numeric keypad	00:00.00
Displayed information – time format (operation with chronometer)	HH:MM:SS
Max view angle [°]	120
Weight [kg]	10
Casing	aluminium, powder painted
Temperature range	from -10°C to +50°C
Set contains	tripod, time control keypad, numeric keypad, power cable



### III. Assembly

1. Set up the clock in a suitable place.
2. Install the board on a tripod.
3. Depending on the operation mode connect the control cable:
  - a) to the socket located on the display side, for the time control keypad or chronometer
  - b) to the socket located on the display bottom, for the numeric keypad



4. Connect the control cable to the power supply.
5. The clock tests led display units (all segments light up for about 2s).
6. Then the clock shows time 0s. and it is ready to use.

### IV. Operating

1. Standalone operation – time control keypad
  - a) press **USTAW/SET** to adjust first two digits (hours HH), while the digits are flashing press **+** to set up their initial value, then press **USTAW/SET** again to adjust next two digits (minutes MM), repeat the sequence to set up last group (seconds SS),
  - b) press **START** to start measuring time from the initially adjusted value,
  - c) press **STOP** to stop measuring time,
  - d) press and hold **CLEAR/KASUJ** for approx 2 s. to reset the clock.



**START UP** starts to count up time from the initial value

**+** increases hours/ minutes/ seconds when setting the initial value

**-** decreases hours/ minutes/ seconds when setting the initial value

**KASUJ/CLEAR** clears the clock to 0

**USTAW/SET** starts setting the initial value

**STOP** stops the clock

**START DOWN** starts to count down time from the initial value

## 2. Standalone operation – results control with numeric keypad

- press the keys 0-9 to display the result,
- press # key to erase the result.



## 3. Operation with chronometer

Preparation for use:

-connect the display with the chronometer using the included cable



- switch on the display board,
- switch on the chronometer.

See the instruction manual of the chronometer for further reference.

#### V. Storage and Maintenance

The display board is an electronic device and it requires careful handling. During idle periods it must be stored in a roofed and dry place. Before cleaning, disconnect the power cord. Wipe the front panel with a soft cloth or an agent for cleaning polycarbonate surfaces.

#### VI. Declaration

1) No. 2016-01-11

2) Issuer's name: POLANIK  
Issuer's address: Życzliwa 11, 97-300 Piotrkow Tryb.

3) Object of declaration:

No.	Description of goods	Code
1	Race clock with results option	T6-RCU

4) The object of declaration described above is in conformity with the requirements of the company production internal norms.

#### Additional Information

5) Declaration for:

Buyer/Distributor/User

Signed for and in behalf of:

POLANIK

2014-07-29 Piotrkow Tryb.

(Date and place of issue)

6) Pawel Ciechanowski  
Product Manager

.....

(Name, function)



.....

(Signature or equivalent authorized by the issuer)