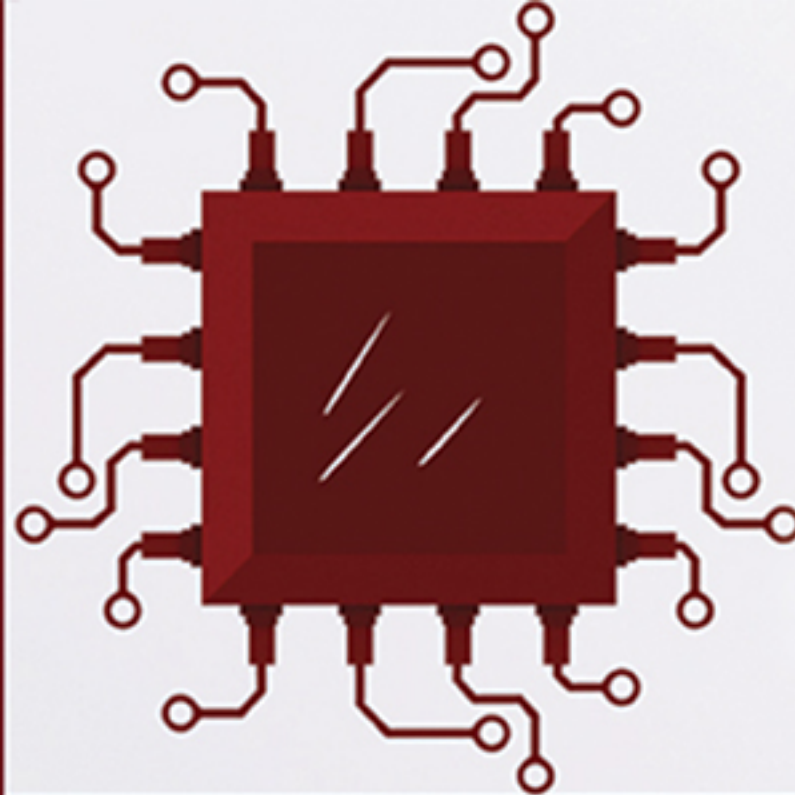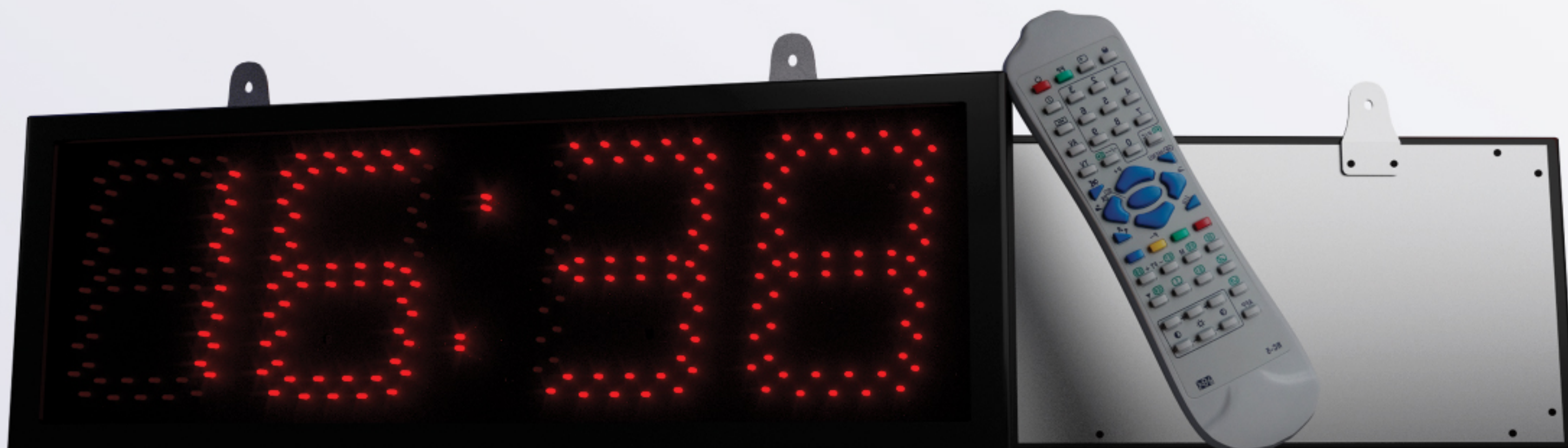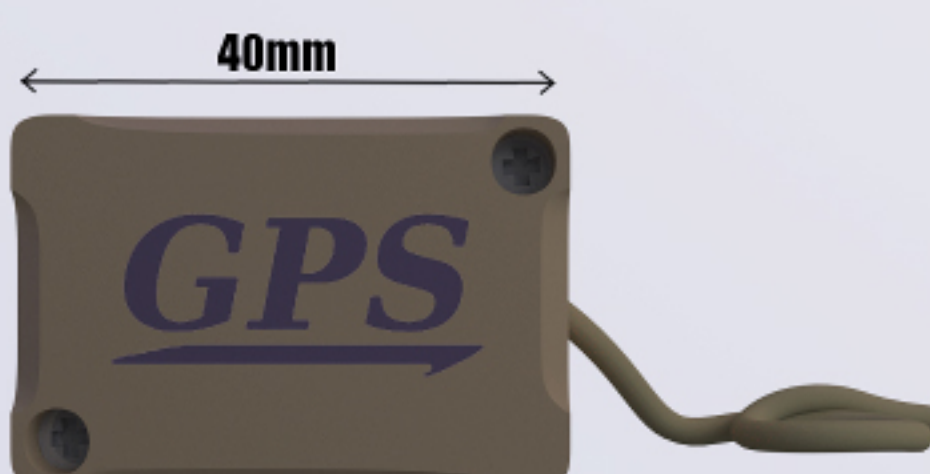# KHA MON

LED CLOCK 100MM WITH THERMOMETER

LED CLOCK WITH A BUILT IN THERMOMETER AND GPS MODULE (OPTIONAL)

Power supply: 230 V / 35 W, or solar set
Operating temperature: from -20°C to +50°C
Mounting: fix it on the wall by two screws, or as requested
Size: 150 mm x 430 mm x 30 mm

Exact time: based on an independent internal clock, or GPS module
Setting: by infrared remote control
The device can be connected to a RS485 system. The LEDs can be blue, green, yellow or white colored as well.

Setting: first press the P+ button and hold it for at least 5 seconds. On the display the "----" characters will appear. After those disappear, and the display gets dark, press the ON/OFF button which is located in the upper right corner of the remote control. You will get into the menu, where you can set the different parameters of the display. The following chart shows your options.

40mm

GPS

Parameter	Abbr.	Range	Notes
Year	RO	0 ÷ 99	
Month	ME	1 ÷ 12	
Day	DE	1 ÷ 31	
Hour	HO	0 ÷ 23	
Minute	MI	0 ÷ 59	
Brightness	JA	0 ÷ 9	0 - min; 9 - max
Lenght of displaying time	CH	2 ÷ 50	in seconds
Length of displaying date	CM	0 ÷ 50	0-date is not displayed
Length of dis. temperat.	CT	0 ÷ 50	0-temperature is not displ.
Automatic brightness	AJ	0 ÷ 1	0- manual,1- automatic
Settings of thermometer	Oo	-9 ÷ 9	correcting displ. temp.

The cable for the thermometer	green	-V (GND)
	brown	TEP (data)
	white	+3,3V
The cable for supply voltage	red: +V	+ 13,4V
	black: -V	GND
RS485	brown	RS485 - A
	white	RS485 - B

Displaying date

Displaying temperature