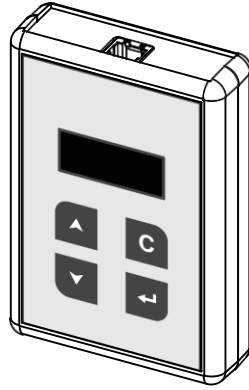


PERUSER USER GUIDE



KK_KK_021_R0

1. 5VDC input voltage
2. 3v3 LDO regulator
3. ARM Cortex M0 processor
4. 2x8 backlit LCD
5. PWM Backlight control
6. 4 User Buttons
7. UART Communication+Feed Port

CHARGING

- The device receives its power from the main device via the communication cable..
- LCD is fed directly with 5V and uC is fed with 3v3 LDO regulator..

COMMUNICATION

- The device is connected to the PER 200 device and used to change the parameters of the PER 200 device and to monitor it.

USAGE

- Both the local parameters of the device and the parameters of the PER 200 device can be monitored and changed via the menu opened on the screen with the keys on the device. (For details, see: MENU)

OPENNING

- The product and version information is displayed on the screen..
- The connection to the PER 200 (CTRL) device is queried. If the connection is established, "OK" is not provided, and "ERR" message is displayed.

FIRST BOOT

- The language option of the device is asked at the first boot.
- If passed with the C key, Turkish will be used as the default language.
- If a language is selected and confirmed with the Enter Key, it will always open in that language.

MAIN SCREEN

- PER USER is displayed on the top line of the main screen.
- If the main screen is on the bottom line, alarm information is displayed

MENU

- Pressing the ENTER key opens the MENU screen.
- Navigating through the menu by pressing up and down keys.
- Enter key enables to switch to submenu or confirms the related step/function.
- C key provides access to the next level or exits the menu.

MENU	Submenu	Definement	Default	Range
INFO	Alarm	Alarm Conditions		
	Device	Device Version information		
	Det Count	Detergent Pump Counter display		
	Pol Count	Polisher Pump Counter display		
	San Count	Sanitizer Pump Counter display		
SYSTEM	Language	Language Option	Turkish	Turkish, English
	Light	Backlight lightning adjustment	5	1-10
	Fac. Def.	Restore factory settings		Yes/No
	Rst Det	Detergent Pump Counter reset		Yes/No
	Rst Pol	Polisher Pump Counter reset		Yes/No
	Rst San	Sanitizer Pompası Sayaç sıfırlama		Yes/No
	Lim Det	Detergent Pump Limit setting	0,0 Lt	0,0-3000,0 Lt
	Lim Pol	Polisher Pump Limit setting	0,0 Lt	0,0-3000,0 Lt
	Lim San	Sanitizer Pump Limit setting	0,0 Lt	0,0-3000,0 Lt
	San Pmp	Sanitizer Active/Passive Option	Inactive	Active/Inactive
	Cap Det	Detergent Pump Capacity adjustment	5,1 Lth	0,0-10,0 Lth
	Cap Pol	Polisher Pump Capacity adjustment	2,8 Lth	0,0-10,0 Lth
	Cap San	Polisher Pump Capacity adjustment	5,1 Lth	0,0-10,0 Lth
PROGRAM	Det Del	Detergent Pump Delay time	00:10	00:00-99:59
	Det Wrk	Detergent Pump Working time	00:10	00:00-99:59
	Det Stp	Detergent Pump Stop time	00:10	00:00-99:59
	Det Spd	Detergent Pump Working speed	50%	0-100%
	Pol Del	Polisher Pump Delay time	00:10	00:00-99:59
	Pol Wrk	Polisher Pump Working time	00:10	00:00-99:59
	Pol Stp	Polisher Pump Stop time	00:10	00:00-99:59
	Pol Spd	Polisher Pump Working speed	50%	0-100%
	San Del	Sanitizer Pump Delay time	00:10	00:00-99:59
	San Wrk	Sanitizer Pump Working time	00:10	00:00-99:59
	San Stp	Sanitizer Pump Stop time	00:10	00:00-99:59
	San Spd	Sanitizer Pump Working speed	50%	0-100%