

# HMI Keyboard

## Installation guide



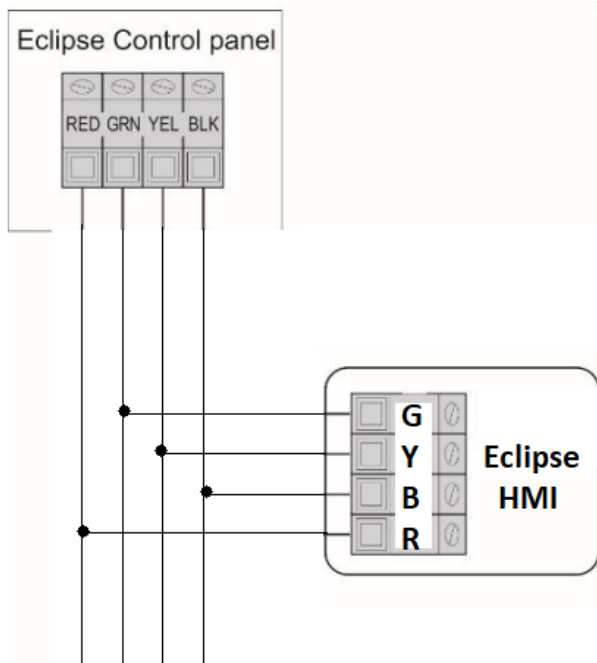
### 1. Device information

The Eclipse HMI is wired, touchscreen keypad that provides full system control, as well as access to the engineer and manager programming menus.

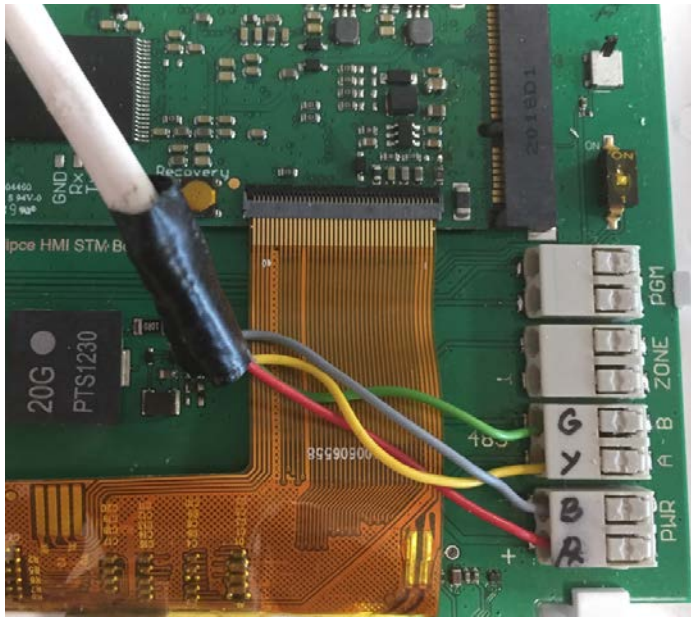
The keypad is compatible with all Eclipse panels.

### 2. Wiring to the Eclipse panel

All ECLIPSE Series peripheral devices are connected to the system bus – power and data terminals, located at the right bottom PCB corner and is labeled as: B - Black (0V), R - Red (+12V), Y - Yellow and G - Green (both for data transfer).



The initial version of the Eclipse HMI has the following labeling of the BUS terminals – PWR+/- (R and B respectively) and A/B (Yellow, Green). Please, follow the example picture below in order to attach the keypad to the Eclipse panel properly.



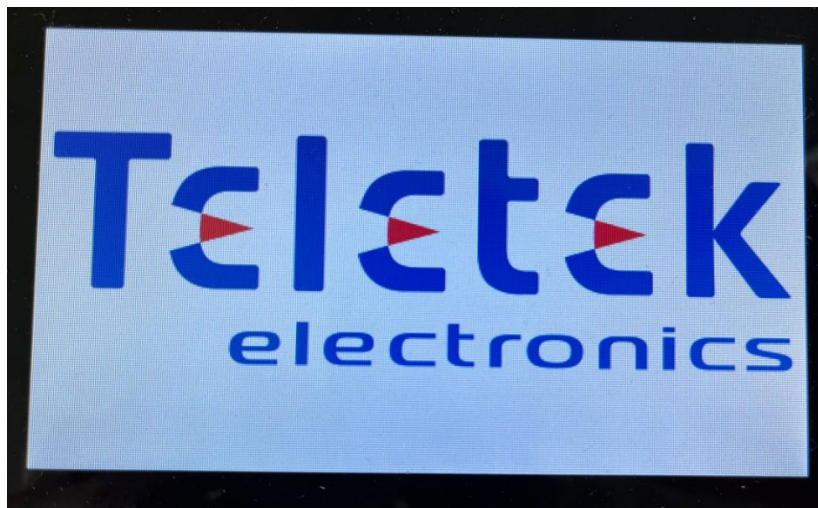
### 3. Initial enrollment to Eclipse panel

To enroll the Eclipse HMI keypad to the Eclipse panel, follow the same algorithm as of any other Eclipse periphery device:

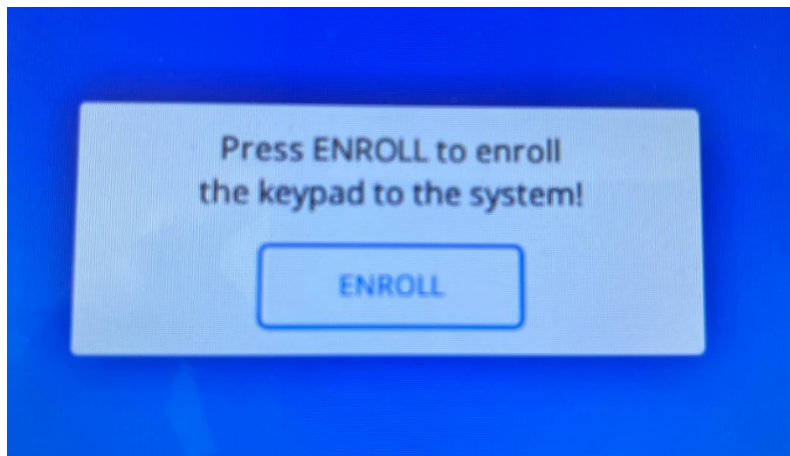
**Step 1:** When connecting devices to the system bus, assure first to turn off the main and the backup power supply of the control panel and strictly observe the polarity of wires as shown in point 2 of that document.

**Step 2:** If the system is new, place the reset jumper on the panel mainboard. If there are other keypads in the system, that are already operational, go to menu **9. Devices** and select a free position for the Eclipse HMI keypad.

**Step 3:** Turn on the power supply of the panel and wait until the initial initialization procedure of the Eclipse HMI is finished



**Step 4:** Press the Enroll button that will appear on the screen:



**Step 5:** If the enrollment procedure is successful the Eclipse HMI will confirm this with a sound signal and you should be able to see the main screen:



*NOTE: If the system configuration is new, do not forget to remove the reset jumper of the Eclipse panel, before you continue using the keypad!*

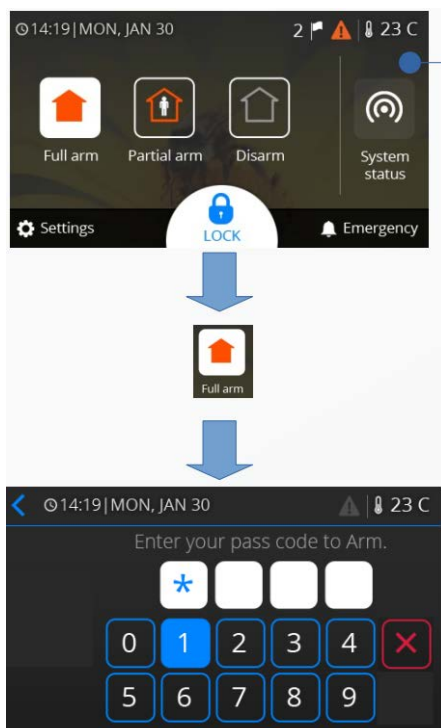
#### 4. Eclipse HMI menu structure

The Eclipse HMI keypad supports the following functionalities:

- System control – Arm, Disarm, Partial arming (Stay, Sleep)
- Technical trouble and Alarm memory review
- System programming – access to engineer and manager menus
- Emergency options – Police, Medical and Fire Panics menu
- Screensaver option
- System status menu – to observe the status of multiple areas

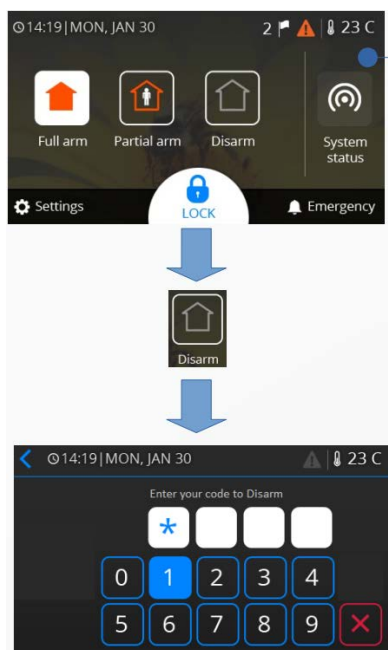
## 5. Arm/Disarm

To Arm an area/s press Full Arm and (then) enter a valid user code:



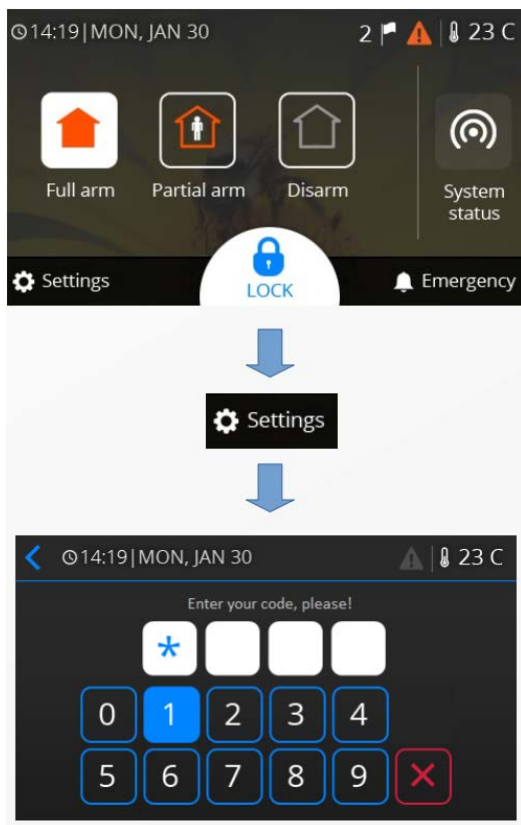
*NOTE: If the user code has rights for more than one Area (multiple areas), you will have option to select the Areas to be armed (to arm one, or multiple areas)!*

To disarm an area/s press Disarm and follow the same algorithm:

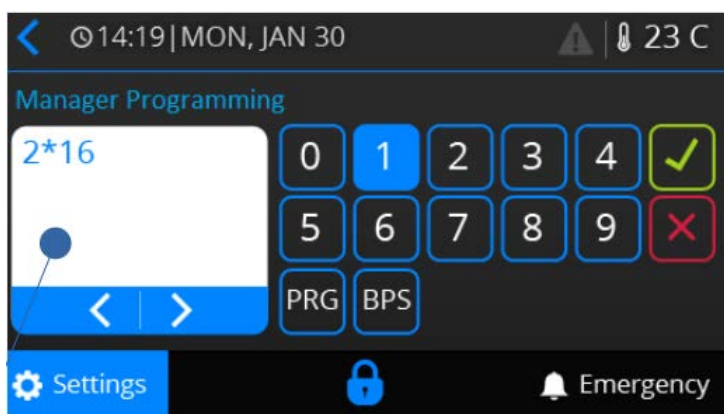


## 6. Engineer/Manager menu access

To access one of the programming menus, press **Settings** and enter the respective access code:



The keypad will simulate the engineer/manager menu just like in all other Eclipse keypads:



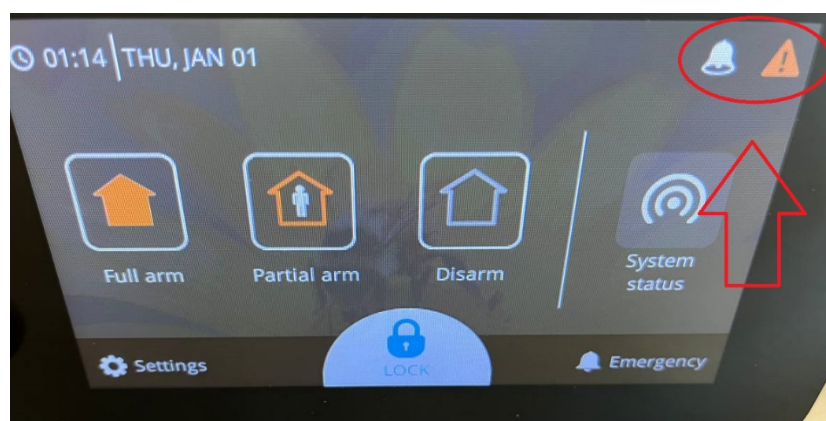
## 7. System Status menu

This menu is suitable for users that have access to multiple or all the areas in the system. The user can use it to look at the statuses of the different areas and control (arm/disarm) them.



## 8. Trouble and Memory menu

In cases of an alarm, or technical trouble the respective indication icon appears on the right top corner of the screen.



## 9. Emergency menu

This menu allows the user to generate Panic type of events:

