ML-TFT 5”

INTERFACE MANUAL

mikrolift®

Contents

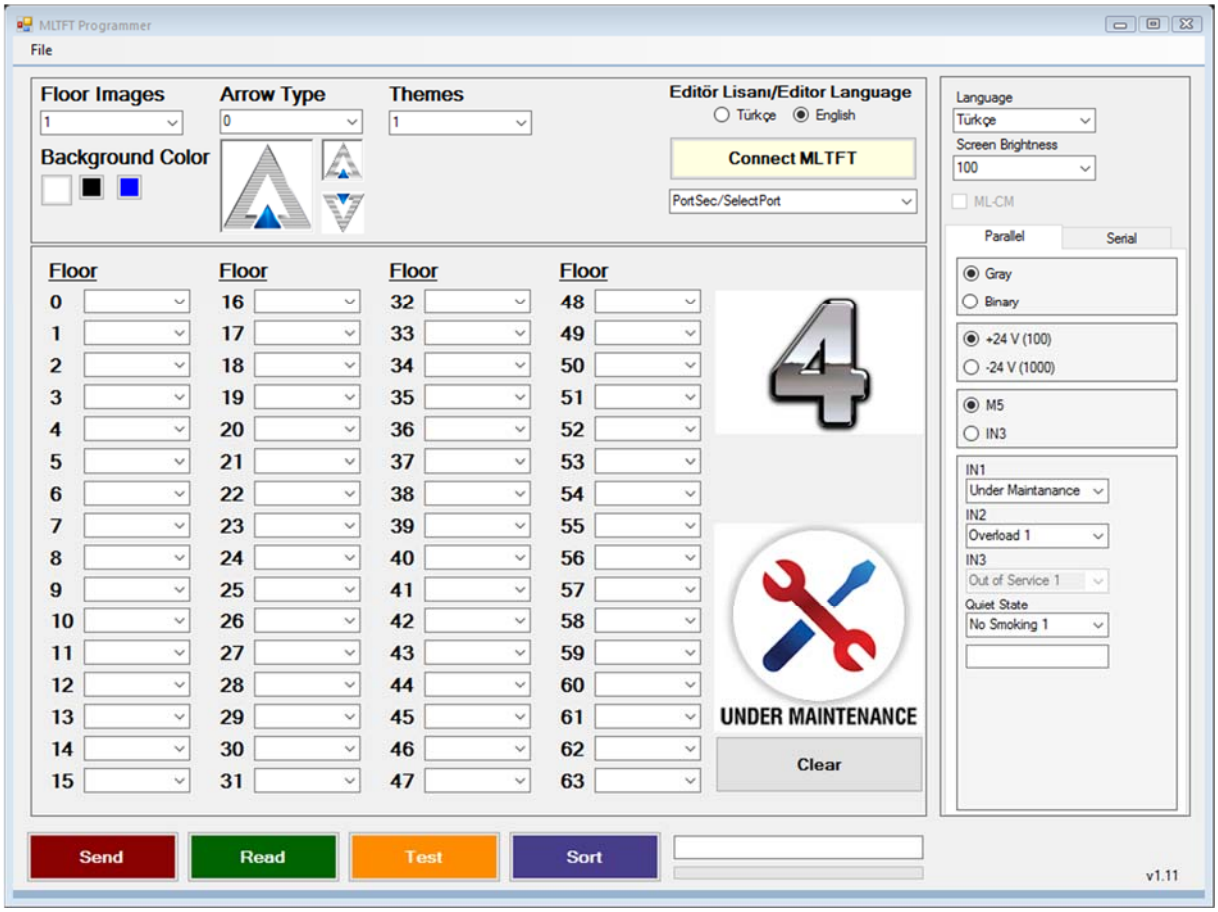
1-ML-TFT 5” General Features

Size	5”
Resolution	480x272 px
Screen Case Dimensions	120.70 x 76.30 x 3.00 mm
Aktive Field	110.880 x 62.832 mm
Brightness	280 cd
Parallel Connection	M0…M5 IN1-IN2-IN3 UP-DOWN
Serial Connection	CAN-UP-DOWN-EIO | CM

2-Interface

2.1-About Interface

ML-TFT 5” interface is computer program that all the images can be adjusted. All adjustments can be done with this program. These adjustments are recorded in ML-TFT 5” memory.

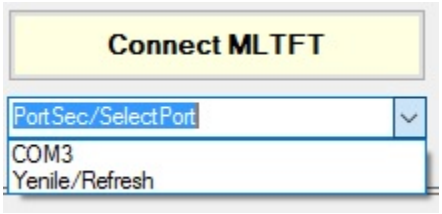


2.2-Device-Computer Communication

ML-TFT 5” programmer interface is connected to computer with a USB converter. In this phase, the followings should be followed step by step.

- Insert the USB Converter into the computer.USB Dönüştürücüyü bilgisayara takın.
- Select the port that device is connected to from the “Port Sec/Select Port” drop-down menu. If the device is not visible in list, list is refreshed with below Yenile/Refresh option.
- Connect ML-TFT 5” to USB converter.
- Three points come at the right bottom side of the screen when ML-TFT 5” is openning. After first came, it is connected with Connect ML-TFT button. If the connection is OK, button turns green color. After the green color, there is no time limit for other settings.

If starting screen points are disappeared and after the images are loaded, the connection can not be done. So, it must be done first 3 seconds of starting.

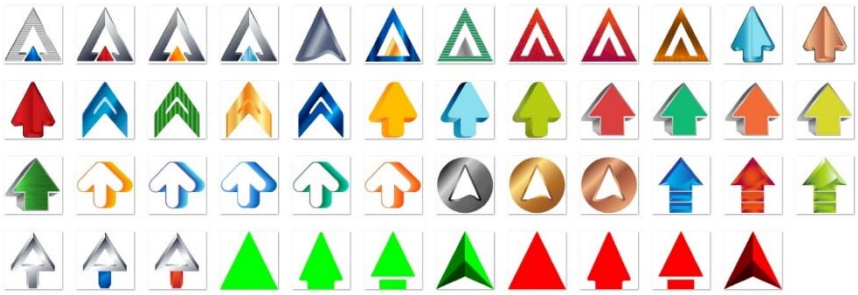


If the list is refreshed and device is not still visible, please check from *Device Manager*.

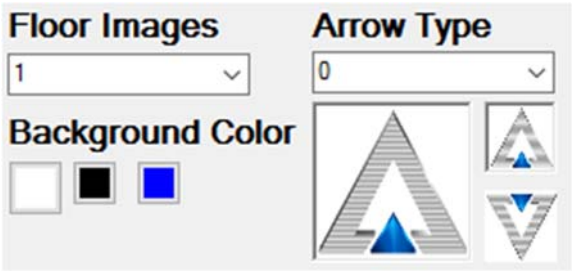
2.3-Floor Images and Arrow Type Options

Floor number types are in floor images drop-down menu. There are 61 different types. These can be selected to the style of the lift that will be installed. You can see the previews belong to these image options. There is white, black and blue background option for all these images.

There are 46 arrow types tracable on screen. Preview is below.



Floor images, arrows and background colors can be changed from the following section.



Floor images are selected from drop-down menu and preview is screened at interface. There are sample images defined for certain ranges. All images will not appear at interface.

There are -7, -6 … 64 B1…B5 and P1…P5 options standard in floor images. Besides them, in addition, there are some other options with below previews at character sets between 26…31.

Down and up direction arrows can be selected independent from each other. For this, selection is done with clicking little down and up arrows at right side of selection block. The active arrow direction will also be displayed in the large preview box.

2.4-Theme Options

There are predefined themes in Themes drop-down menu at interface. Floor images and arrow types can be changed automatically with selecting any of these. Matching floor images and arrows were selected in theme options. These themes are the same as the themes that can be set with the buttons of the device.

2.5-General Settings

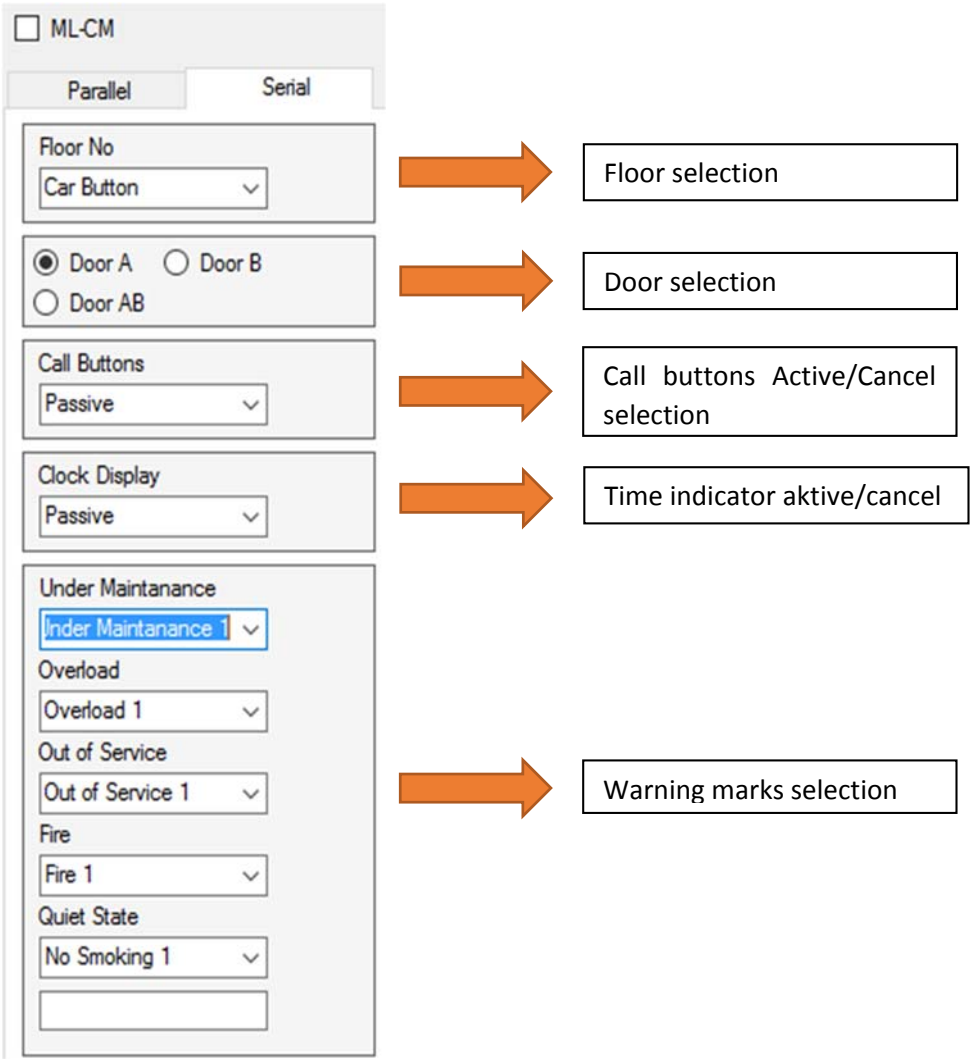
Language and screen brightness on ML-TFT 5” are common parameters in parallel and serial mode. These options are up right side of interface. Screen brightness can be adjusted 25, 50, 75 and 100 in percent. Language options are Turkish and English.

2.6-Parallel Mode Settings

Following settings are done in parallel mode. Factory settings of software is like that as right image.

2.7-Serial Mode Settings

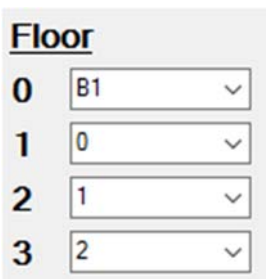
Following settings are done in serial mode. Factory settings of software is like that as right image.



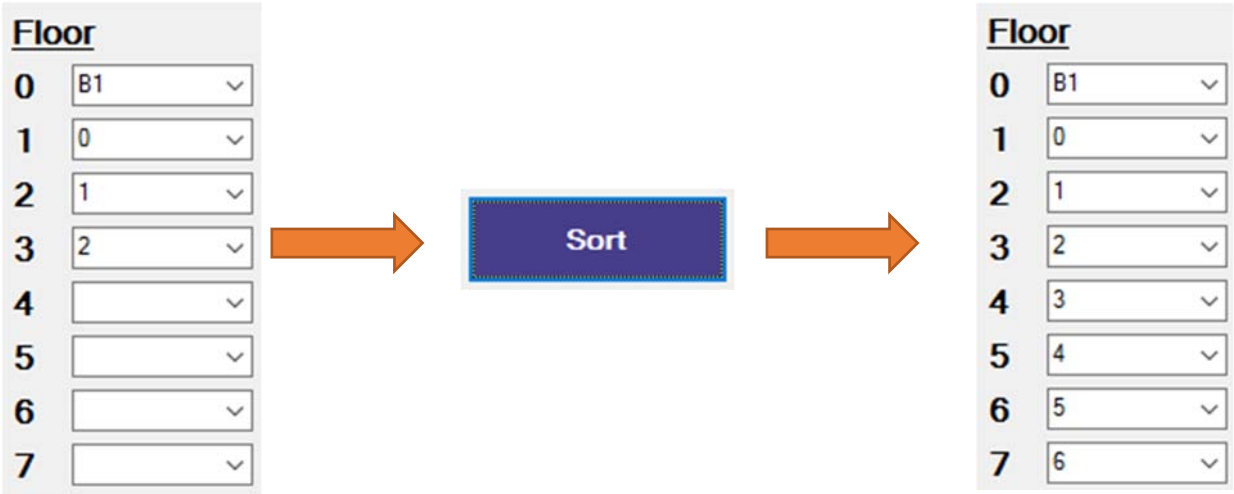
ML-CM in the top becomes selectable in serial mode. When ML-CM mode is selected, the serial parameters become inactive. The system starts to work in accordance with the ML-CM module and can be used in accordance with the systems of the ML-CM module The options for images are still selected via this interface at this mode.

2.8-Floor Images Selection

Floor images are selected from drop-down menu at the middle of interface. In here, there is number of each stop and a drop-down menu. At this drop-down menu, selected image is assigned to the related floor. At following example, 0 is set as Floor B1, 1 is 0, 2 is Floor 1 and 3 is Floor 2.



In this section, automatic numbering is done with "Sort" button. When the Sort button is pressed, the numbers are sorted from the last digit are entered. Sample is below.



All floor selections are cleared using the "Clear" button in the interface.

Floors are selected from the drop-down menu. Any character not on the list can never be entered. If an undefined name is entered or the inputs are left empty, the floors are assigned "0".

2.9-Sending of parameters to ML-TFT 5" and Reading of parameters from ML-TFT 5"

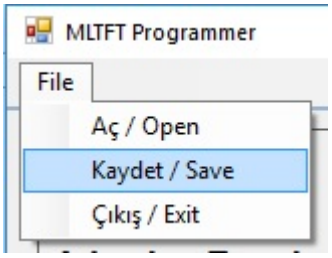
To transfer changes made in the interface to the device, first the steps in 2.2 are done. After that, all parameters are sent to the device with "Send" button at the left bottom side of interface. Parameters of a previously programmed device are received to the computer interface with "Read" button.

When the "Send" button is pressed, bar at the right of the "Sort" button at the bottom of the interface shows how much of the sending process is completed. In the field of writing on this bar, some messages are given to user.

2.10-File Registration of Parameters and Reading

All parameters made in the interface will be registered at a requested location with Kaydet/Save option. All options in the interface are saved in this file.

Aç/Open is selected to transfer a recorded file to the interface. All options in the file are transferred to the interface.



2.11-Test

You can see the parameters made with pressing “Test” button in interface on the device. In testing, all floors and warning images are displayed at specific intervals, all images and messages are printed on the screen. Fonts and images that are not activated in the interface are also visible in this section.