APPENDIX-2   CAR OPERATING PANEL INSTALLATION

ALYA SERIES

SERIAL TFT CAR OPERATING PANEL

INSTALLATION AND USERS MANUAL

Document Version : v1.0

ALYA Software Version : 1.4

AE | aybey elektronik
lift electronics...

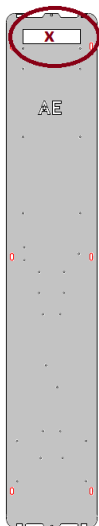1. **Installation**

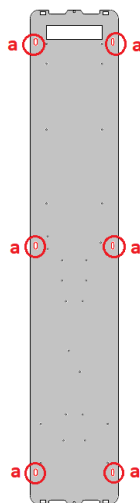|			
	1.Take the upper cover of the car operating panel (COP) upwards out via a hard object like screwdriver. Take the lower cover of the COP downwards out via a hard object like screwdriver.		**2.** Take the front steel cover by pulling out.
	3. Place the back panel of COP onto the cabin wall and determine the position of the cable passage hole as indicated by **x** in the drawing. Open a rectangular hole in the cabin wall as **30 x120 cm**.		**4.** After that the cable hole has been opened in the cabin wall place the back panel once more onto the wall and screw six **4.8x16** drill head screws given with the product through the red marked holes to fix the back panel onto the cabin wall.

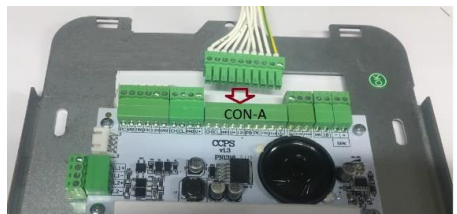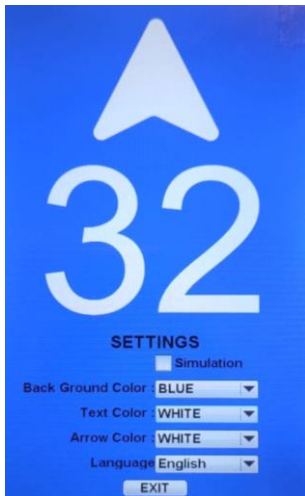|	
5. The only electric connection to the COP is **CON-A** cable. Insert one terminal of the **Con-A** cable to the **Con-A** socket of in inspection box, on PWL board.	
6. If there are two car doors and two COPs then... First, carry on all steps from **1 to 4** for the **second COP** in the cabin to fix it onto the cabin wall. Insert one terminal of the second **Con-A** cable (**Con-A**) to the **Con-B** socket of in inspection box, on PWL board. Pass the other terminal of Con-A cable through the hole indicated as **x in 3** and insert it to the **Con-A** socket in COP.	 If there are two doors and two COPs then set J2 switches in one COP as A and in the other as B. 1st Door 2nd Door J2 switch is used to define the side of the COP if there are two doors and two COPs.
7. Pass the other terminal of **Con-A** cable through the hole indicated as **x in figure 3** and insert it to the **Con-A** socket in COP.	

	8. Functions buttons should be used for the configuration of TFT display. Button labels may change. The labels are not important, the locations of the buttons are important. The electrical power of COP must be cut off before the setup screen. Push the TOP LEFT and TOP RIGHT simultaneously within 3 seconds after re-energizing.
	9. The settings menu will be displayed on the screen. The following options are displayed on the settings screen • Simulation mode ON/OFF • Back Ground Color • Text Color • Arrow Color • Language **Simulation :** Simulates as if the lift is operating. **Back Ground Color :** Changes the background color of the display. **Text Color:** Changes the color of the numbers and characters. **Arrow Color:** Changes the color of the direction arrow. **Language:** Changes the language.
	10. If an image is desired to be placed on the background of the TFT screen, the image is uploaded to the SD card. The name of the image should be **tft** and its extension **.bmp** (namely tft.bmp). **Then** the SD card is placed on the COP board. After accessing the settings menu, the **Back Ground Color** option should be selected as **Image**.

11. Simulation mode is marked with TOP RIGHT button(Activated). The mark in the box is removed again by pushing TOP RIGHT button(Passivated).
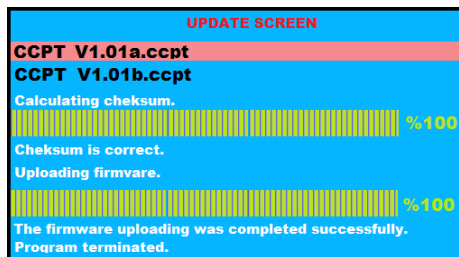
NOTE: If "Simulation" mode is activated, the COP switches to simulation mode. It does not communicate with the control panel. "Simulation" mode must be passive for communication with the control panel.

Push TOP LEFT button shortly to switch to other parameters. Their values can be adjusted by pushing TOP RIGHT button.

The TOP LEFT button confirms the selection and focuses on the next option.

Select EXIT button and push the TOP LEFT button to saving the settings.

2.Firmware Update

12. The software of TFT display can be updated via SD card.
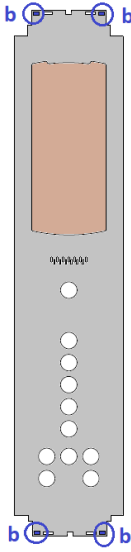
Before updating the software of TFT, upload the requested software to the SD card (.ccpt file extension). Then the SD card is placed on the COP board.

The electrical power of COP must be cut off before the update screen. Before re-energizing, push the TOP RIGHT button.

Select the .ccpt file extension on the update screen. If there is more than one file in the SD card, push TOP RIGHT to go up or DOWN RIGHT to go down.

Push the TOP LEFT button to start the update. After the update process is completed, the COP will be restarted.

Warning : During the update process, never turn off the power.

	13. After TFT settings are completed place the front steel panel onto COP. Then screw four **4.8x16** drill head screws given with the product through the blue marked holes to fix the front steel panel.		**14.** Insert the upper and lower covers onto the COP to complete its installation.

3-Using the Product

- Prevent the product from dust, humidity, excessive heat and impact in storing, installing and using phases.
- COP is working with serial communication. Therefore, the **lift controller to which it will be connected must be functioning with the same protocol that COP has.**
- Use only special stainless steel cleaners to clean the COP. Other chemical cleaners may damage the surface of the steel.
- Protect the COP from any water drops or direct contact with other liquids.
- Always, switch off the power before opening the front cover of the COP.