QULP X

Qulp Series Remote Control Programmer



KONTAL

CE

Please read this user manual carefully before you start using your device. Follow the listed items step by step, paying particular attention to the installation, electrical connection and first operation sections. From this point on, the product owner/user is obliged to keep this user manual in a known and visible place throughout the lifetime of the product.

- Use the product only indoors and in dry environments. This product is designed for indoor use and has no sealing protection against water and dust.
- Store the product in a dry environment. Otherwise, the product may malfunction.
- All service and repair operations may only be performed by the technical service of Kontal Elektronik. The product must not be tampered with by any other party.
- The operating voltage of each product is indicated on its label. Do not power the product from any source other than this voltage.



✓ Use of the product in violation of the items stated above may cause fire, serious personal injury, or damage to the products or to the structure in which they are installed. In such cases caused by the user, Kontal Elektronik San. ve Tic. Ltd. Şti. accepts no liability.

✓ This symbol will be used for important points in the following sections.



✓ Do not touch the supply points of the product with bare hands.

- This symbol will be used for voltage-related warnings in the following sections.



- This symbol on the label indicates that the supply voltage of the product is DC.



- This symbol on the product or its packaging indicates that this product must not be treated as normal household waste. Instead, the product must be handed over at a designated collection point for the recycling of electronic equipment. Incorrect disposal or destruction of the product may have negative consequences for the environment and human health.



- The responsibility for this document and its relevant revision, as well as its legal ownership, belongs to KONTAL ELEKTRONİK SAN. VE TİC. LTD. ŞTİ. Unauthorized modification or alteration is prohibited.

1. DESCRIPTION

QULP X is an LCD remote control programmer used to program Qulp series remote controls and to read programmed ones. Remote controls are programmed quickly in series via infrared (IR) communication, and the menus are easily operated with the direction buttons and the OK key.

1.1 Box Contents

1x QULP X Remote Control Programmer	**1x** QULP X User Manual

**In special orders, the box contents may vary depending on the project or customer request.*

2. TECHNICAL SPECIFICATIONS

Model	QULP X
Product Code	K145-01
Operating Voltage	5V DC
Operating Current	30mA @ 5V DC
Operating Frequency	868MHz
Programming Method	Infrared (IR)
Menu Language	Turkish / English
Weight	124.4 g
Dimensions (Width x Height x Depth)	107.44 x 128.10 x 18.10 mm

3. USER INTERFACE COMPONENTS

QULP X consists of four main sections. The sections are indicated by numbers in Figure 3.1.

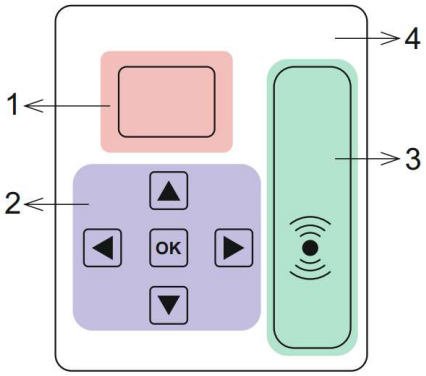


Figure 3.1 QULP X General Structure

1 – LCD SCREEN: The main screen that allows you to select the operations you want to perform, follow the operations, and access information about the remote controls.
2 – MENU BUTTONS: Used to navigate the menus and perform operations. You can make a selection in the direction of the arrows shown on the screen.
LEFT / RIGHT BUTTON: Entering and exiting menus; ending programming.
UP / DOWN BUTTON: Navigating menu options; entering the password and project code.
OK BUTTON: Confirmation button.
3 – INFRARED (IR) AREA: The area where the remote controls are programmed. Programming is done by aligning the infrared LED on the remote control with the infrared LED in this area.
4 – 5V DC ADAPTER INPUT: The power supply input of the device.

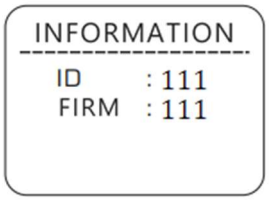
Disconnect the power before making the product connections.

Do not touch the connection points after the connections have been made!

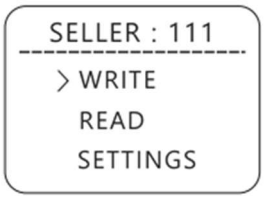
4. QULP X – STARTUP SCREEN

When powered on, the screen first shows the device and company ID information, then the available operations (WRITE, READ, SETTINGS). Use the menu buttons to select an operation.

Step 1: The screen displays **INFORMATION**, which shows the ID and codes of your device and company.



Step 2: Shortly afterwards, the menu screen appears. You can navigate between the **WRITE, READ and SETTINGS** options with the menu buttons.

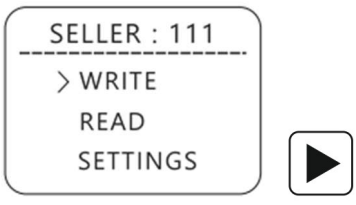


**The "111" shown as ID and FIRM in the images is an example.*

5. QULP X – REMOTE CONTROL PROGRAMMING

Programming is valid only for Qulp series remote controls.

Step 1: With **WRITE** highlighted in the startup menu, press the **RIGHT** button to enter the write menu.



Step 2: Use the UP / DOWN buttons to enter the **project code** and press the **OK** button.



Step 3: The project ID and counter are displayed. The counter shows the number of remote controls programmed successfully. When you press the **LEFT** button to end programming, the counter is reset.



Step 4: Press and hold the **1st and 2nd buttons** of the remote control for 1–2 seconds, then release them. The **red and green** LEDs on the remote control light up.

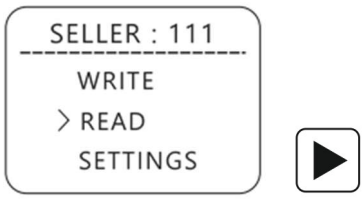
Step 5: Align the remote control with the **infrared (IR) area** and press the **OK** button. Your remote controls are programmed in series.

Step 6: If the remote control is programmed, the device sounds a **short beep**. If not, it sounds a **long beep**. Press the **LEFT** button to finish.

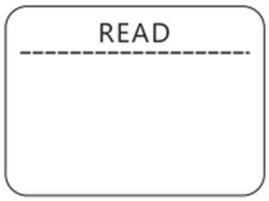
6. QULP X – REMOTE CONTROL READING

In this menu you can view the seller and project information of a programmed Qulp remote control.

Step 1: After the startup screen, use the **DOWN** button to go to the **READ** option, and press the **RIGHT** button to enter the reading screen.



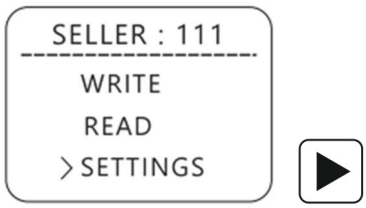
Step 2: Press the button of the remote control you want to read. The seller and project ID to which the remote control belongs are displayed on the screen.



The seller/project codes displayed on the screen may belong to sub-sellers of the seller originally defined by the seller number. If you see any other number, please contact the Kontal Elektronik technical service.

7. QULP X – LANGUAGE SETTING

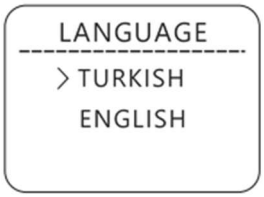
Step 1: After the startup screen, use the **DOWN** button to go to the **SETTINGS** option, and press the **RIGHT** button to enter the menu.



Step 2: On the LANGUAGE option, press the **RIGHT** button.



Step 3: The Turkish and English options are displayed. Move to your preferred language and press the **RIGHT** button; the language setting is completed.

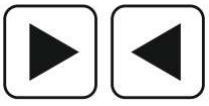


8. QULP X – SELLER ASSIGNMENT

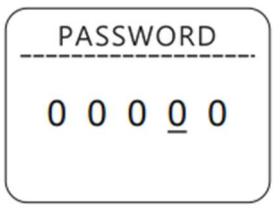
This section is for assigning a seller number to the device. The password required for this operation will be provided to you by Kontal Elektronik.

The password is entered only once. Obtain your password from Kontal Elektronik and do not share it with third parties.

Step 1: Disconnect the power from the device. While the device is unpowered, press and hold the **RIGHT and LEFT** buttons together and power on the device.



Step 2: Release the buttons. The password entry screen is displayed.



Step 3: Use the UP / DOWN buttons to enter your password and press the **OK** button.



Step 4: Enter a seller number between **0–255** in the 3-digit field and press the **OK** button.



Step 5: When the operation is completed, the screen displays **SUCCESSFUL**. When you power the device on again, the relevant seller information is displayed on the startup screen.



9. QULP X – INSTALLATION AND CONNECTION

9.1 Power Connection

QULP X is powered only through its 5V DC adapter input. Connect the adapter to the 5V DC adapter input (Figure 3.1, section 4). Power the device only with the 5V DC specified on its label.

Never touch the connection points after the power connections of the product have been made!

9.2 Device Dimensions

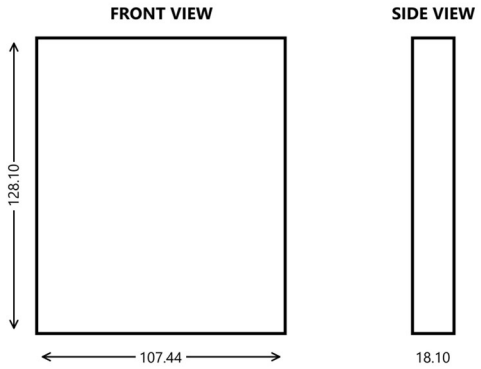


Figure 9.1 QULP X Dimensions (Unit: mm)

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