

## ELIDAIP F710

# ELIDAIP F710 Mini DMR & Analog Two-Way Radio User Manual

Model: F710 | Brand: ELIDAIP

## 1. INTRODUCTION

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This user manual provides detailed instructions for the operation and maintenance of your ELIDAIP F710 Mini DMR & Analog Two-Way Radio. Please read this manual thoroughly before using the device to ensure proper function and safety. The F710 is a compact, dual-mode radio supporting both Digital Mobile Radio (DMR) and Analog communication, designed for various professional and recreational uses.

## 2. PACKAGE CONTENTS

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Verify that all items are present in your package:

- Mini Walkie Talkie (1 unit)
- Programming Cable (1 unit)
- Soft Silicone Earphone (1 unit)
- USB Cable and Power Adaptor (1 set)
- Lanyard (1 unit)
- User Manual (this document)



Image: The ELIDAIP F710 radio shown with its accessories, including the programming cable, earphone, USB cable, power adapter, and lanyard.

### 3. PRODUCT OVERVIEW

Familiarize yourself with the radio's components and controls.

# FUNCTION KEYS



Image: A detailed diagram illustrating the various function keys and components of the F710 radio, including the antenna, PTT key, power/menu/confirmation key, volume controls, speaker, Type-C interface, indicator light, and microphone.

- 1. Antenna:** Receives and sends signals.
- 2. PTT Key:** Press and hold to transmit, release to receive.
- 3. Power/Menu/Confirmation Key:** Long press to turn on/off. Short press to enter function settings.
- 4. Volume+ & High/Low Power Switching Key:** Short press to increase volume. Long press to switch power (High or Low).
- 5. Volume- & Color Code Switching Key:** Short press to decrease volume. Long press to switch Color Code in digital mode.
- 6. Speaker:** Provides clear audio output.
- 7. Type-C Interface:** Used for charging, headphones, and programming.
- 8. Indicator Light:** Green indicates receiving a signal, Red indicates sending a signal.
- 9. Microphone:** For voice input.
- 10. Channel+ & Area Selection:** Short press to increase channel number. Long press to switch area (Z1 or Z2).
- 11. Channel- & Lock Keyboard:** Short press to decrease channel number. Long press to enter key lock/unlock.

## 4. SETUP

## 4.1 Charging the Radio

The F710 radio features a Type-C USB charging port for convenience. Use the provided USB cable and power adapter to charge the device. A full charge typically takes 3 hours. The Lithium Polymer battery provides approximately 12 hours of continuous work time and up to 48 hours of standby time.

- Connect the Type-C end of the USB cable to the radio's Type-C interface.
- Connect the other end of the USB cable to the power adapter, a computer USB port, a power bank, or a car charger.
- The indicator light will show charging status.

# Amazing Battery Life

3 Hours Full Charge  
48 Hours Standby Time

Up to

**12 hours**

work without stopping

### Three in One Interface

- Charging
- Headphones
- Programming



USB Type-C

## Charging Methods



Socket



Computer



Car



Power Bank

Image: The F710 radio connected via its Type-C port, illustrating various charging methods including USB socket, laptop, car, and power bank. The image also highlights battery life indicators.

## 4.2 Programming the Radio

The F710 is PC programmable. A USB programming cable is included for this purpose. Programming software is required and can be downloaded from the manufacturer's website: [hldradio.com/download/1.html](http://hldradio.com/download/1.html).

- Install the programming software on your computer.
- Connect the programming cable to your computer and the radio's Type-C interface.
- Follow the software instructions to configure channels, frequencies, and other settings.

### 4.3 Earphone Connection

The included soft silicone earphone can be connected to the Type-C interface for private communication and enhanced audio clarity. The earphone features a 360-degree rotatable G-shaped ear hook for comfortable, all-day wear.

**DMR Digital Walkie Talkie**

① **Built-in Mic**

② **With Soft silicone ear hook**

360° | Headset Head Can Rotate  
Fits left or right ear

G-shaped, Soft silicone material  
Comfortable, Wear it all day without pressure

If you buy it, you get silicone headset

**Loud and Clear Audio**

**GOOD SOUND QUALITY**

**DELIDAIP F710**

Image: The F710 radio shown with the soft silicone ear hook earphone connected, highlighting its 360-degree rotation and comfortable design.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off

- To power on, long press the **Power/Menu/Confirmation Key**.
- To power off, long press the **Power/Menu/Confirmation Key** again.

## 5.2 Transmitting and Receiving

- To transmit, press and hold the **PTT Key** on the side of the radio. Speak clearly into the microphone. The indicator light will turn red.
- To receive, release the **PTT Key**. The indicator light will turn green when a signal is being received.

## 5.3 Volume Adjustment

- Short press the **Volume+ Key** to increase the volume.
- Short press the **Volume- Key** to decrease the volume.

## 5.4 Channel Selection

- Short press the **Channel+ Key** to move to the next channel.
- Short press the **Channel- Key** to move to the previous channel.

## 5.5 Digital and Analog Mode Switching

The F710 supports both digital (DMR) and analog modes. The mode can be configured via programming or, in some cases, directly on the device depending on the specific channel settings. The LED display will indicate the current mode (D for Digital, A for Analog).

# Switching Between Chinese and English



Digital & Analog

# DUAL MODE

Image: The F710 radio's LED display showing examples of Chinese DMR, English DMR, and Analog displays, illustrating the dual-mode capability.

## 5.6 Calling Functions (Digital Mode)

In digital mode, the F710 supports various calling options:

- **Single Call:** Direct communication with a specific radio.
- **Group Call:** Communication with a predefined group of radios.
- **All Call:** Broadcast to all radios within range on the current channel.

# MULTIPLE CALLING CHOICES

Comply with the DMR digital protocol



## SINGLE CALL

Add Friend, Call Alone



## GROUP CALL

Create Calling Group for All Member



## ALL CALL

In Digital Mode



2 Miles Long Range Signal



Image: An illustration of the F710 radio's multiple calling choices in digital mode: Single Call, Group Call, and All Call.

## 5.7 Dual Time Slot Functionality

The F710 features dual time slot capability, allowing two separate group communications to occur simultaneously on a single licensed channel. This enhances transmission efficiency and optimizes spectrum utilization by integrating voice and data.



Image: Two F710 radios illustrating the dual time slot feature, single frequency transfer, and overall strong compatibility.

### 5.8 Key Lock Function

To prevent accidental key presses, you can activate the key lock function. Long press the **Channel- & Lock Keyboard Key** to toggle the key lock on or off.

## 6. MAINTENANCE

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### 6.1 Battery Care

- Avoid fully discharging the battery frequently to prolong its lifespan.
- Charge the radio using only the provided or approved charging accessories.
- Do not expose the battery to extreme temperatures.

### 6.2 Cleaning

- Wipe the radio's surface with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.

## 6.3 Water Resistance

The ELIDAIP F710 is designed with a water-resistant rating. While it can withstand splashes and light rain, it is not intended for submersion. Avoid exposing the radio to heavy rain or direct water jets.

## 7. TROUBLESHOOTING

If you encounter issues with your F710 radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on	Low or depleted battery	Charge the radio fully.
Cannot transmit or receive	Incorrect channel/frequency, out of range, or PTT key issue	Verify channel settings. Ensure you are within range. Check PTT key functionality.
Poor audio quality	Weak signal, interference, or microphone/speaker obstruction	Move to an area with better signal. Check for obstructions.
Programming software issues	Software incompatibility, driver issues, or incorrect procedure	Ensure correct software version and drivers are installed. Refer to software documentation or contact support.
Keypad unresponsive	Key lock activated	Long press the <b>Channel- &amp; Lock Keyboard Key</b> to unlock the keypad.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	F710
Item Weight	1.76 ounces
Product Dimensions	0.86 x 1.29 x 4.17 inches
Batteries	1 Lithium Polymer battery (included)
Display Type	LED
Number of Channels	64 (32 Digital, 32 Analog)
Frequency Range	462.55-467.7125MHz
Talking Range Maximum	2 Miles
Voltage	3.7 Volts
Water Resistance Level	Water Resistant

## 9. WARRANTY INFORMATION

The ELIDAIP F710 Mini DMR & Analog Two-Way Radio comes with a manufacturer's warranty. For specific details regarding warranty coverage, duration, and claims, please refer to the documentation included with your purchase or contact ELIDAIP customer support.

## **10. CUSTOMER SUPPORT**

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If you have any questions, require technical assistance, or need further information regarding your ELIDAIP F710 radio, please do not hesitate to contact our customer support team. Contact details can typically be found on the manufacturer's website or on the packaging of your product.