IMPORTANT NOTES

- Fully charge the battery before first use to ensure optimal performance.
- Use only a DC 5V power source via the USB Type-C charging port.
- Do not use or store the device in high-humidity environments, at excessively high temperatures, or near heat sources.
- Prevent water or other liquids from entering the device.
- Do not disassemble or repair the device unless you are qualified to do so.
- Avoid dropping or subjecting the device to strong impacts, as this may damage internal components.
- Turn off both the microphone and the receiver when not in use to conserve battery power and extend the service life of the device.
- If the device will not be used for an extended period, remove the batteries from the microphone to prevent battery leakage, which may damage internal components.
- Recharge the battery when the battery level is low to ensure stable performance.
- Position the antenna in an open area and avoid obstruction by metal objects or concrete walls to achieve the optimum wireless operating range.
- Do not place the device near strong radio frequency (RF) sources, such as high-power Wi-Fi routers, microwave ovens, or other wireless devices, to minimize signal interference.
- If signal loss or audio interference occurs, change the microphone operating channel (CH) to select a more suitable frequency.
- Use only approved accessories and chargers to ensure safe operation and maximize product service life.

CUSTOMER SUPPORT CENTER

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Dalton®

INSTRUCTION MANUAL

K-Mix Pro 2

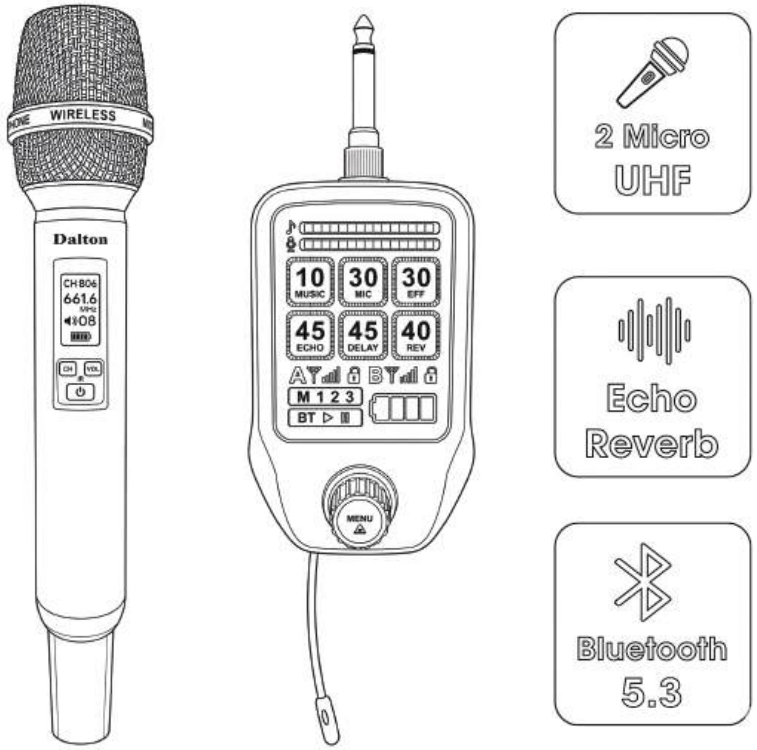


TABLE OF CONTENTS

I. PRODUCT INFORMATION 1

1. Product Overview 1

2. Key Features 1

3. Specifications 1

II. MICROPHONE OPERATING INSTRUCTIONS 2

1. Connecting the Microphone to the Receiver 2

2. Frequency Adjustment 2

3. Volume Adjustment 2

4. Microphone Charging Instructions 2

III. RECEIVER OPERATION INSTRUCTIONS 3

1. Connecting the Receiver to an External Device 4

2. Display Screen 5

3. Receiver Charging Instructions 5

2. DISPLAY SCREEN

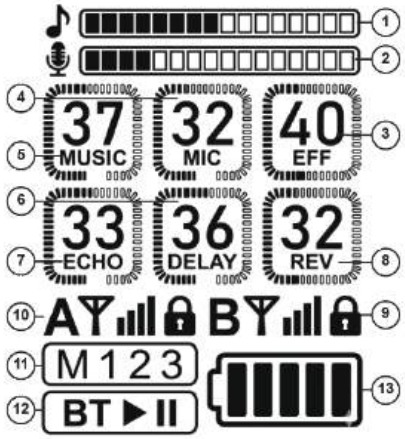
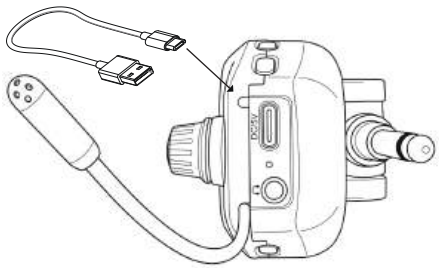


FIGURE LEGEND:

1. Displays the music volume level.
2. Displays the microphone volume level.
3. Displays the Effect (EFF) adjustment value.
4. Displays the Mic adjustment value.
5. Displays the Music adjustment value.
6. Displays the Delay adjustment value.
7. Displays the Echo adjustment value.
8. Displays the Reverb adjustment value.
9. Displays the Microphone B connection and frequency lock indicator.
10. Displays the Microphone A connection and frequency lock indicator.
11. Displays the microphone EQ mode (M1/M2/M3).
12. Indicates the Bluetooth connection status.
13. Displays the device battery level.

3. MICROPHONE RECEIVER CHARGING INSTRUCTIONS

- When the battery level is low, the battery icon on the microphone receiver display flashes, indicating that the receiver needs to be recharged.
- The receiver is charged via the USB Type-C port.
- Recommended charging input: DC 5V.
- Connect the USB Type-C plug of the supplied charging cable to the charging port on the receiver, as shown in the illustration.



5. Control Knob (MENU)
Press function:
Press the knob to select adjustment items:
- Music: Adjust music volume level.
- Mic: Adjust wireless microphone volume.
- Effect (Eff): Adjust microphone sound effects.
- Echo: Adjust echo level.
- Delay: Adjust echo timing speed.
- Reverb (Rev): Adjust reverberation level.

Rotate function:
- The selected item is highlighted in green on the LCD display.
- Turn clockwise to increase the value.
- Turn counterclockwise to decrease the value.

6. MODE Button
- Used to select the microphone EQ mode.
- Supports three microphone EQ modes (M1, M2, and M3).
- The active mode is shown continuously on the LCD display.

7. BT (Bluetooth) Button
- Used to enable or disable Bluetooth mode on the receiver.

8. USB Type-C Port
- Used for charging the device.
- Standard charging input: DC 5 V.

9. 3.5 mm Headphone Jack
- Audio output for headphones.
- Allows real-time audio monitoring during use.

1. CONNECTING THE RECEIVER TO AN EXTERNAL DEVICE

- Step 1: Press and hold the Power button for approximately 2 seconds to turn on the receiver. Press the BT button; the Bluetooth icon on the LCD display will start flashing.
- Step 2: Enable Bluetooth on the device you want to connect (smartphone, iPad, laptop, etc.).
- Step 3: In the device's Bluetooth search list, select "K-Mix Pro 2" to connect.

Bluetooth status indication:
- Faded BT icon: Bluetooth is turned off. Press the BT button to activate Bluetooth mode.
- Flashing BT icon: The device is in pairing mode and waiting for connection.
- Solid BT icon: Bluetooth is successfully connected and ready for audio playback.

Note: After the first successful pairing, the device will automatically reconnect to the previously paired device when Bluetooth is enabled and within range.

I. PRODUCT INFORMATION

1. PRODUCT OVERVIEW

The DALTON K-Mix Pro 2 is a new-generation wireless karaoke microphone featuring advanced DSP (Digital Signal Processing) technology, delivering clear, natural, and stable sound quality. It offers versatile connectivity with portable speakers, Bluetooth speakers, in-car audio systems, and live streaming devices, allowing you to enjoy karaoke and entertainment anytime, anywhere.

The receiver features Bluetooth 5.3, enabling fast and stable connections with smartphones, tablets, and other audio playback devices, delivering high-quality audio streaming with low latency.



2. KEY FEATURES

The DALTON K-Mix Pro 2 is equipped with a DSP (Digital Signal Processing) unit that optimizes audio quality in real time.

- Effective feedback suppression:
DSP technology reduces karaoke feedback, ensuring stable and comfortable sound.

- Clearer vocal sound:
Enhances vocal clarity with a brighter, more detailed, and natural sound, making singing easier and more effortless.

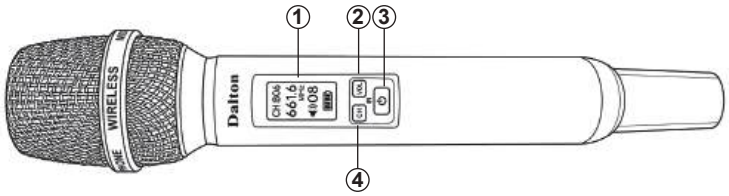
- Intelligent noise reduction:
Reduces background noise and environmental interference for cleaner and clearer audio output.

- Low distortion performance:
Maintains stable sound quality even at high volume levels.

3. SPECIFICATIONS

- Model: DALTON K-Mix Pro 2
- Technology: DSP Digital Audio
- Connectivity: UHF Wireless + Bluetooth 5.3
- Effects: Echo / Delay / Reverb
- Controls: MIC VOL / MUSIC VOL
- Display: LCD
- Operating range: 20–30 m
- Receiver battery capacity: 3400 mAh
- Battery life: Approximately 10 hours
- Power supply: DC 5V adapter
- Applications: Home karaoke, portable speakers, Bluetooth speakers, cars, live streaming, etc.

II. MICROPHONE OPERATING INSTRUCTIONS



1. LCD Display
2. VOL Button
3. POWER Button
4. CH Button

1. PAIRING THE MICROPHONE WITH THE RECEIVER

- Press and hold the **POWER button** for approximately 2 seconds to turn on the microphone.
- The microphone automatically pairs with the receiver, so no manual pairing is required. When the pairing is successful, the RF signal indicator appears on the receiver display.

2. FREQUENCY ADJUSTMENT

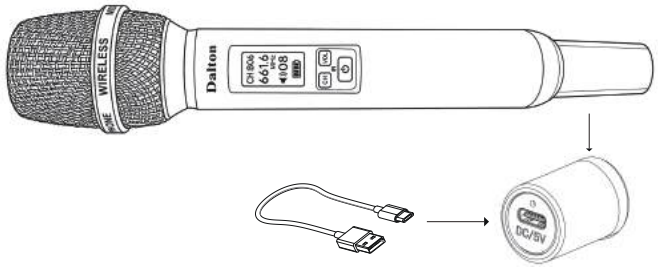
- Press and hold the **POWER button** for approximately 2 seconds to turn on the microphone.
- Press the **CH button** to change the operating frequency (CH01–CH10). Wait approximately 3 seconds for the receiver to synchronize. The RF signal indicator on the receiver display will flash once when synchronization is complete.
- Note: Press and hold the **CH button** for 10 seconds to lock the microphone. Press and hold the **VOL button** for 5 seconds to unlock it.

3. VOLUME ADJUSTMENT

- Press the **VOL button** to adjust the microphone volume. The volume level ranges from 01 to 10.
- After reaching Level 10, press the **VOL button** again to enable Mute mode. Press the **VOL button** once more to exit Mute mode and return to Level 01.

4. MICROPHONE CHARGING INSTRUCTIONS

- When the battery level is low, the battery icon on the **LCD display** turns red, indicating that the microphone needs to be recharged.
- The microphone is charged via the USB Type-C port.
- Recommended charging input: DC 5V.
- Connect the USB Type-C plug of the supplied charging cable to the charging port on the microphone, as shown in the illustration.



Note: The operating frequency and volume are factory preset. Do not adjust Sections 2 and 3 unless necessary.

III. RECEIVER OPERATING INSTRUCTIONS

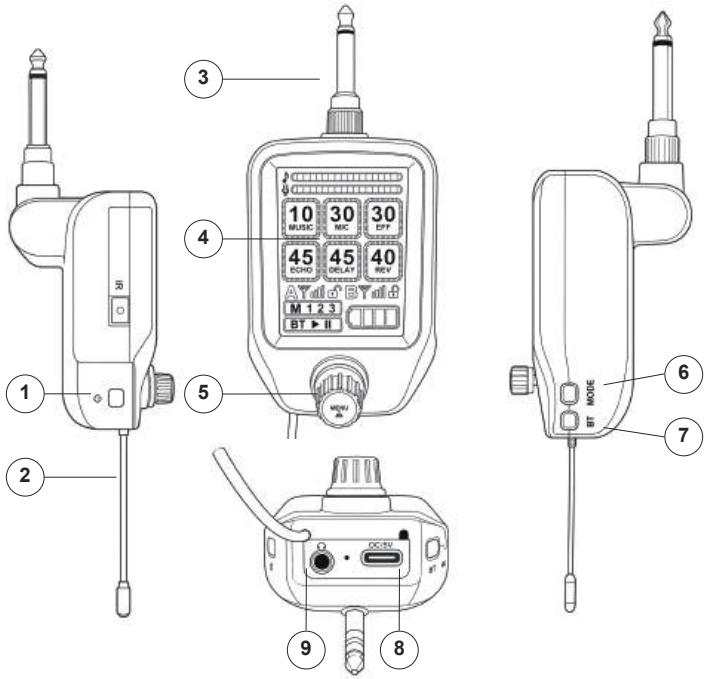


FIGURE LEGEND

1. Power Button
- Press and hold for approximately 2 seconds to turn the device on or off.

2. External Antenna
- Used to receive and transmit wireless signals between the microphone and the receiver.
- Improves RF and Bluetooth signal stability.

3. 6.35 mm / 3.5 mm Audio Output Jack
- Audio output terminal of the device.
- Used to connect speakers, amplifiers, mixers, or other compatible audio equipment.
- The 6.35 mm adapter can be removed for 3.5 mm use.

4. LCD Display
Shows operating status and parameters, including:
- Music volume.
- Microphone volume.
- Sound effects.
- Microphone EQ Mode.
- Bluetooth status.
- RF signal strength.
- Battery level.