

FULODE K-6

FULODE K-6 Professional KTV Digital Pre-stage Effector Instruction Manual

Model: K-6

INTRODUCTION

The FULODE K-6 Professional KTV Digital Pre-stage Effector is a versatile audio processor designed for karaoke and professional audio applications. It integrates multi-band audio effect adjustment, karaoke mixing, reverberation with DSP effects, and various connectivity options. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.

PRODUCT OVERVIEW

The K-6 unit features a robust design with a clear display and intuitive controls. It supports multiple audio inputs and outputs, making it suitable for various audio setups.



Figure 1: Front and Rear Panels of the FULODE K-6 Effector. The front panel features controls for echo, microphone, and music, along with a dynamic spectrum display. The rear panel includes various input and output ports for comprehensive connectivity.

Key Features:

- **Multi-Band Audio Effect Adjustment:** Fine-tune sound parameters for echo, reverb, bass, treble, and mid-range.
- **Intelligent One-button Howling Prevention:** Utilizes multi-point frequency shift technology to suppress feedback.
- **Versatile Connectivity:** Supports optical, Bluetooth, AUX (1 & 2), and USB inputs.
- **Multiple Microphone Inputs:** Two 6.35mm inputs on the front panel, one XLR and one 6.35mm on the rear.
- **Comprehensive Outputs:** Subwoofer, center, surround sound (left/right), main channel (left/right), and REC outputs.
- **Dynamic Spectrum Display:** Real-time level signal visualization on the front panel.
- **Remote Control:** Included for convenient operation.

SETUP INSTRUCTIONS

1. Unpacking and Inspection:

Carefully remove the FULODE K-6 effector from its packaging. Inspect the unit for any signs of damage. Ensure all accessories, including the power cable and remote control, are present.

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Video 1: FULODE K-6 Professional KTV Digital Pre-stage Effector overview, demonstrating the unit's features and connectivity options.

2. Power Connection:

Connect the provided power cable to the AC power input on the rear panel of the K-6 effector and then to a suitable power outlet.

3. Audio Input Connections:

The K-6 supports various input methods:

- **Optical Input:** Connect an optical cable from your audio source (e.g., TV, media player) to the OPTICAL INPUT port on the rear panel.
- **AUX Audio Inputs:** Use RCA cables to connect audio sources to the AUX Audio 1 or AUX Audio 2 inputs on the rear panel.
- **USB Input:** Insert a USB drive with MP3 files into the USB port on the front panel for direct playback.
- **Bluetooth Input:** Ensure the Bluetooth antenna on the rear panel is connected. Activate Bluetooth on your device (smartphone, tablet, laptop) and pair with the K-6 effector.



Figure 2: Illustration of the four primary input methods: Infrared Remote Control, USB, 4 Microphone Input Jacks, Multi-Section Audio Effect Adjustment, Dynamic Spectrum Display, Built-in Equalizer, Fiber Optic Transmission, Digital Decoding Effect, DSP Digital Processing, Bluetooth Transmission, One-Touch Anti-Whistling, and AUX.

4. Microphone Connections:

The K-6 offers multiple microphone input options:

- **Front Panel:** Two 6.35mm microphone input jacks (MIC1, MIC2).
- **Rear Panel:** One XLR microphone input and one 6.35mm microphone input.



Figure 3: Front panel microphone inputs (MIC1, MIC2) and the hidden knob for fine-tuning sound parameters, accessible with a screwdriver.

5. Audio Output Connections:

Connect the K-6 to your amplifier or powered speakers using the appropriate output ports on the rear panel:

- **Main Channel Output (ML/MR):** For stereo speakers.
- **Surround Sound Output (SL/SR):** For surround speakers.
- **Subwoofer Output (SUB):** For a subwoofer.
- **Center Output (CEN):** For a center channel speaker.

- **REC Output:** For connecting to a recording device.

OPERATING INSTRUCTIONS

1. Power On/Off:

Press the POWER button on the front panel to turn the unit on or off.

2. Input Selection:

Use the INPUT button on the front panel or the remote control to cycle through available audio sources (Optical, AUX1, AUX2, USB, Bluetooth).

3. Volume Adjustments:

- **Music Volume:** Adjust the MUSIC volume knob on the front panel to control the background music level.
- **Microphone Volume:** Adjust the MIC volume knob on the front panel for microphone input levels.
- **Effect Volume:** Adjust the ECHO volume knob for the overall effect level.

ONE CLICK START ANTIHOWLING MODE

Effectively preventing whistling sounds



Figure 4: The dynamic spectrum display on the front panel provides real-time visual feedback of audio levels.

4. DSP Effect Adjustments:

The K-6 features DSP (Digital Signal Processing) for various audio effects. Use the dedicated knobs and buttons on the front panel to fine-tune:

- **Echo:** Adjust Delay Time, Delay Repeat, and Delay Volume.
- **Reverb:** Adjust Reverb Volume and Reverb LPF (Low Pass Filter).
- **Microphone Tone:** Adjust Bass, Mid, and Treble for microphone input.
- **Music Tone:** Adjust Bass, Mid, and Treble for music input.

For detailed adjustments, use a screwdriver to access the hidden knobs for time delay, repeat, treble, alto, and bass adjustments for music and human voice.

NEWLY UPGRADED DSP CHIPS AND SOLUTIONS

Professional and efficient DSP effect chip

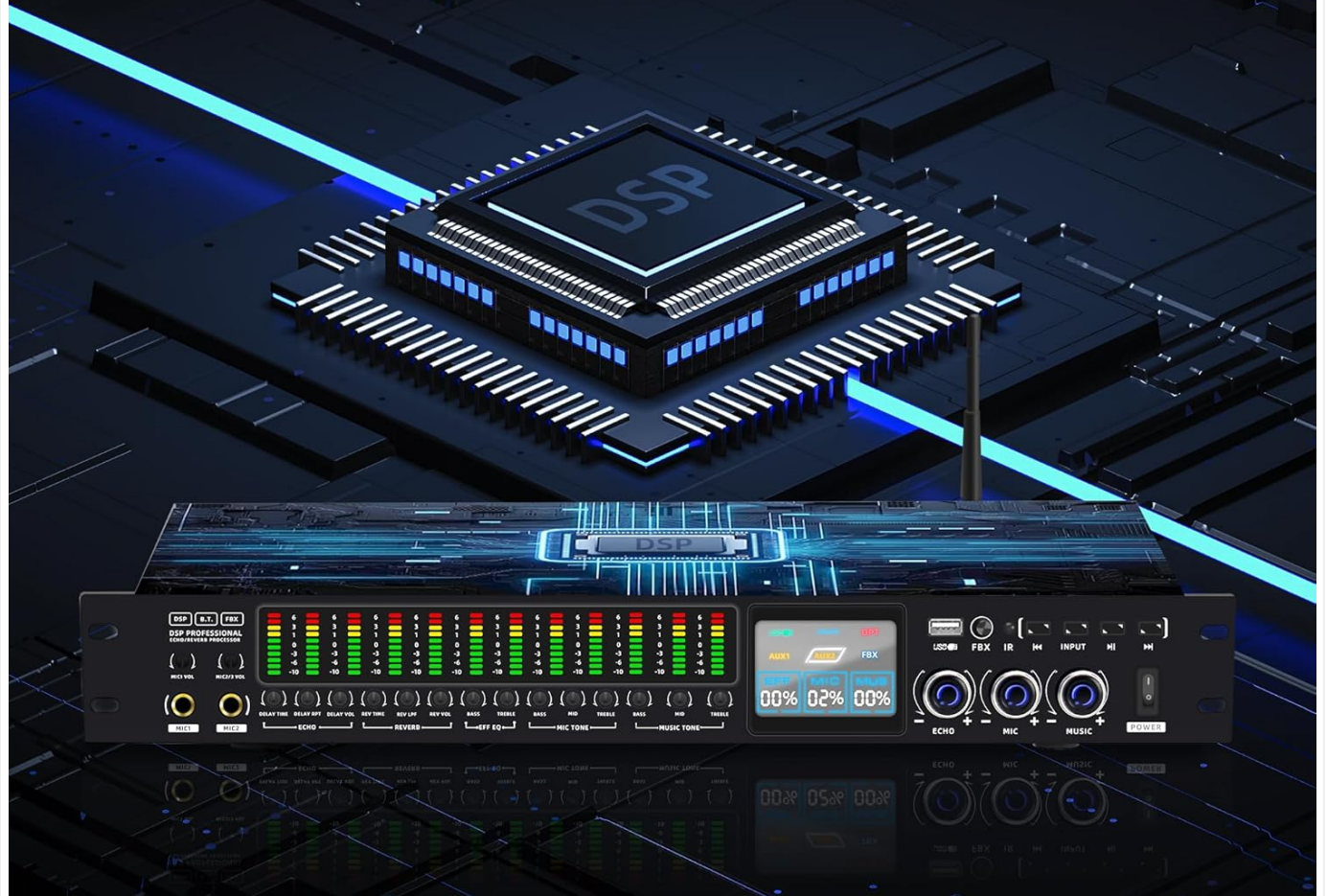


Figure 5: Independent adjustment controls for Echo, Microphone, and Music, allowing precise sound customization.

5. Anti-Howling Function:

The K-6 includes an intelligent one-button howling prevention feature. Press the FBX button on the front panel to activate or deactivate this function. It is recommended to keep this function on to effectively suppress feedback and maintain clear audio.

BLUETOOTH WIRELESS CONNECTIVITY FOR PLAYBACK ENJOY MUSIC ANYTIME ANYWHERE

Bluetooth wireless connectivity for playback with
Bluetooth-enhanced antenna on the back

USB PLUG AND PLAY



Figure 6: The FBX button on the front panel activates the one-click anti-howling mode, preventing unwanted feedback.

6. Remote Control Operation:

The included remote control allows for flexible and convenient operation of the K-6 effector. Functions include power on/off, input selection, volume control, and mode changes.



Figure 7: The true color LCD display provides visual data for sound adjustments, complemented by the infrared remote control for easy operation.

MAINTENANCE

To ensure the longevity and optimal performance of your FULODE K-6 effector, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using liquid cleaners or abrasive materials, as they may damage the finish or internal components.
- **Ventilation:** Ensure the unit is placed in a well-ventilated area to prevent overheating. Do not block the ventilation openings.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Management:** Keep all cables neatly organized and free from kinks or excessive tension to prevent damage to the connectors and cables.

TROUBLESHOOTING

If you encounter any issues with your FULODE K-6 effector, refer to the following common troubleshooting steps:

- **No Power:**
 - Check if the power cable is securely connected to both the unit and the power outlet.
 - Ensure the power switch on the front panel is in the 'ON' position.
 - Verify the power outlet is functional by plugging in another device.
- **No Sound Output:**
 - Confirm that the correct input source is selected.
 - Check all audio output connections to your amplifier or speakers.
 - Ensure the master volume, music volume, and effect volume knobs are not set to minimum.
 - Verify that your amplifier/speakers are powered on and functioning correctly.
- **Microphone Not Working:**
 - Ensure the microphone is properly connected to one of the input jacks.
 - Check the microphone volume knob and ensure it is not set to minimum.
 - Test the microphone with another device to confirm it is functional.
- **Audio Feedback (Howling):**
 - Activate the one-button howling prevention (FBX) function.
 - Reduce microphone volume.
 - Adjust the position of microphones relative to speakers to minimize feedback loops.
- **Bluetooth Connectivity Issues:**
 - Ensure the Bluetooth antenna is securely attached.
 - Verify Bluetooth is enabled on your source device and it is within range.
 - Try unpairing and re-pairing the device with the K-6 effector.

SPECIFICATIONS

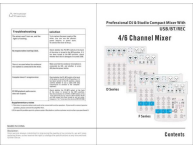
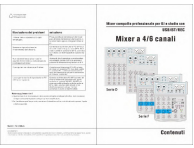
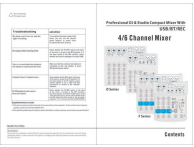

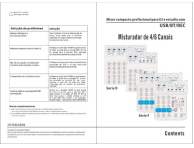

Feature	Detail
Brand	FULODE
Model Number	K-6
Item Weight	6.7 pounds (3.04 Kilograms)
Product Dimensions	19 x 6.3 x 2.5 inches
Connectivity Technology	Bluetooth, USB
Power Source	Corded Electric
Number of Channels	5

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty policy document included with your product or contact FULODE customer service directly. Keep your purchase receipt for warranty claims.



Related Documents - K-6

	<p>BOMGE 4/6 Channel DJ & Studio Compact Mixer User Manual</p> <p>Comprehensive user manual for the BOMGE 4/6 Channel DJ & Studio Compact Mixer, detailing features, operation, troubleshooting, and specifications for home music production, broadcasting, and live streaming.</p>
	<p>BOMGE 4/6 Channel DJ and Studio Mixer User Manual</p> <p>Comprehensive user guide for the BOMGE 4/6 channel DJ and studio mixer, covering features, operation, troubleshooting, and specifications. Includes USB, Bluetooth, and DSP effects for professional audio applications.</p>
	<p>BOMGE 4/6 Channel DJ & Studio Compact Mixer with USB/BT/REC - User Manual</p> <p>User manual for the BOMGE 4/6 Channel DJ & Studio Compact Mixer, detailing its features, operation, troubleshooting, and specifications. Includes information on USB/BT playback, recording, DSP effects, and connectivity.</p>
<div><p>Mobile phone/computer mixer live broadcast sound card</p><p>user's guidance</p><p>①</p></div>	<p>Mobile Phone/Computer Mixer Live Broadcast Sound Card User Guide</p> <p>User guide for a mobile phone/computer digital mixer sound card, detailing hardware introduction, function introduction, product specifications, and troubleshooting for live broadcasting, karaoke, and recording.</p>
	<p>BOMGE Professional 4/6 Channel DJ and Studio Mixer User Manual</p> <p>Comprehensive user manual for the BOMGE Professional 4/6 Channel DJ and Studio Mixer, detailing its features, setup, troubleshooting, specifications, and usage instructions for DJing, studio recording, and live streaming. Includes USB, Bluetooth, and recording capabilities.</p>
	<p>Home Karaoke Machines Product Catalog and Guide</p> <p>Explore the range of Home Karaoke Machines, including multi-format units, professional amplifiers, speakers, and wireless microphone systems. This guide provides an overview of models like DCU-2017/8, SK-2017/8, KA-2017/8, and more, along with product comparison details and return policies.</p>