

FULODE V18

FULODE V18 Digital Mixer User Manual

Professional 8-Channel Compact Audio Mixing Console

Model: V18

PRODUCT OVERVIEW

The FULODE V18 Digital Mixer is a versatile 8-channel compact audio mixing console designed for a wide range of applications, including live performances, studio recording, podcasting, and DJing. It features 16 built-in DSP effects, a professional 6-band EQ, USB connectivity, Bluetooth, and PC debugging capabilities, offering comprehensive sound control and flexibility.

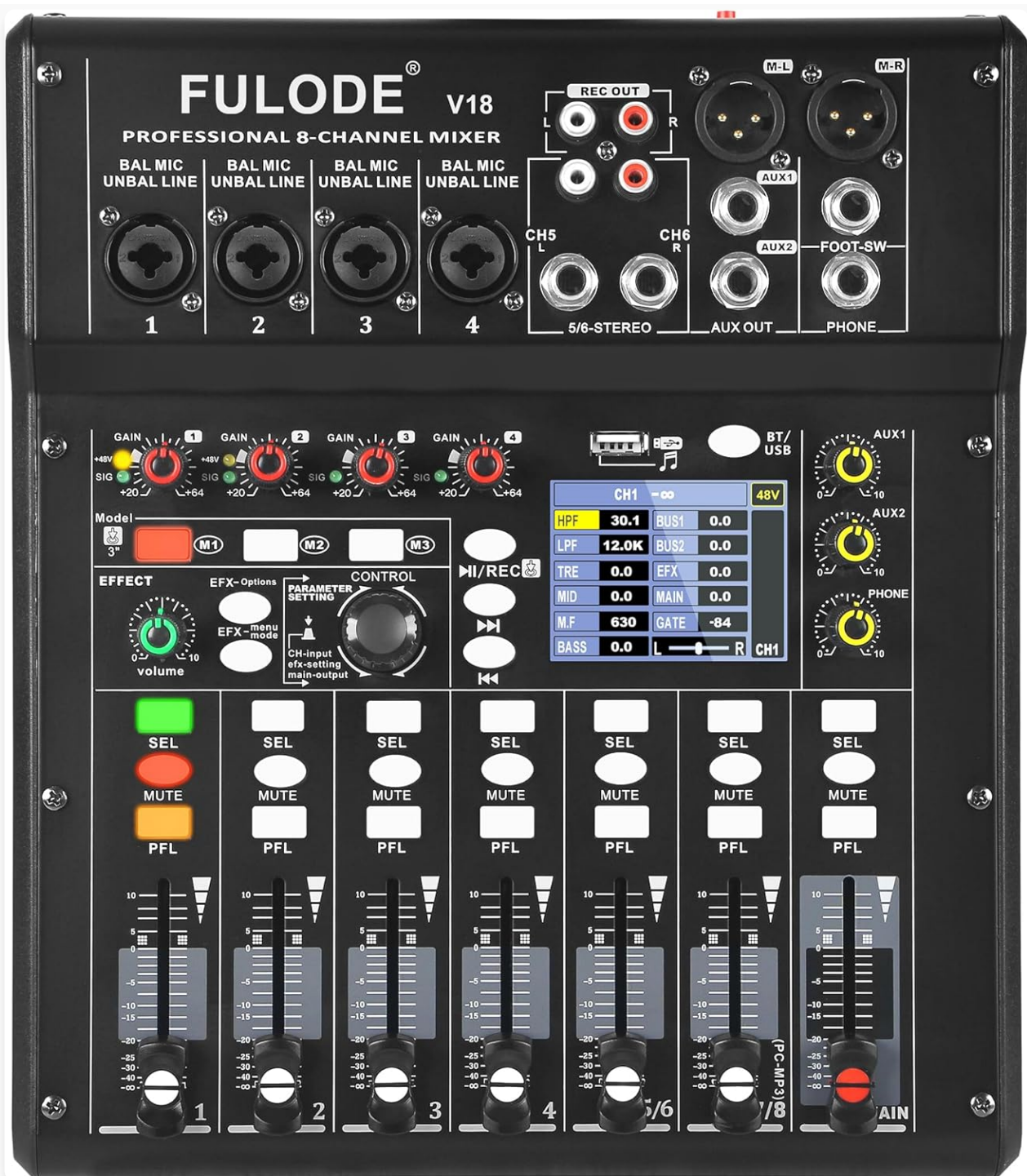


Figure 1: Front view of the FULODE V18 Digital Mixer, showcasing its controls and display.

Key Features:

- **16 DSP Effects:** Customizable sound with adjustable parameters for precise audio shaping.
- **4-Band EQ per Channel + 6-Band Master EQ:** Advanced tone shaping with High-Pass Filter (HPF) and Low-Pass Filter (LPF) for clear highs, rich mids, and solid lows.
- **USB Mixer with PC Tuning Software:** Connect to a computer for precise sound tuning and real-time parameter control, with 3 recallable custom presets.
- **Bluetooth Streaming & USB/MP3 Playback:** Supports Bluetooth 5.0 for wireless streaming and direct music playback from USB flash drives.
- **Optical Input:** High-fidelity, interference-free digital audio signal input.
- **48V Phantom Power:** Independent phantom power on channels 1 & 2 for condenser microphones.
- **Channel Mute & Footswitch Control:** Dedicated mute buttons per channel and footswitch support for

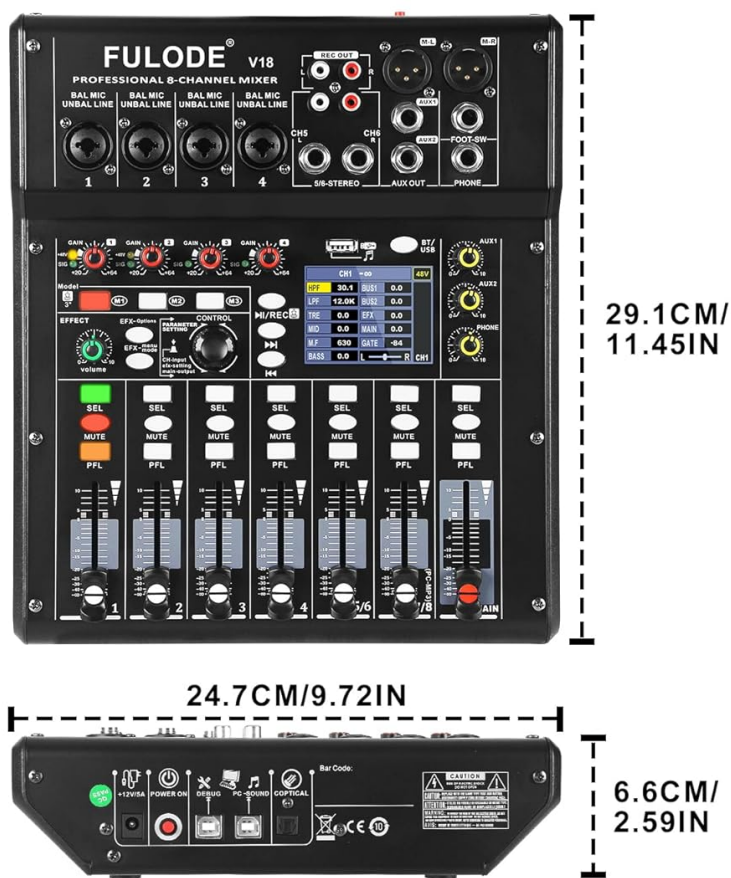
hands-free effect switching.

SETUP GUIDE

Follow these steps for initial setup of your FULODE V18 Digital Mixer:

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all items listed in the "What's Included" section are present.
2. **Power Connection:** Connect the provided power adapter to the DC 12V/5A input on the rear panel of the mixer. Plug the adapter into a suitable power outlet.
3. **Power On:** Press the "POWER ON" button located on the rear panel to turn on the mixer. The 2.8" TFT display will illuminate, showing the welcome screen.
4. **Input Connections:**
 - **Microphones/Line Inputs (Channels 1-4):** Use XLR or 1/4" TRS cables to connect microphones or line-level instruments to the respective input jacks.
 - **Stereo Inputs (Channels 5/6 - 7/8):** Use 1/4" TRS or RCA cables for stereo line-level devices.
 - **Optical Input:** Connect digital audio sources via the optical input for high-fidelity sound.
5. **Output Connections:**
 - **Main Output (M-L/M-R):** Connect to your main PA system or studio monitors using XLR cables.
 - **AUX Outputs (AUX1/AUX2):** Connect to external effects processors or monitor systems.
 - **Headphone Output (PHONE):** Connect your headphones for monitoring.
 - **REC OUT:** Connect to a recording device using RCA cables.

COMPACT SIZE



What's included?



USB



OPTICAL CABLE



POWER LINE

Figure 2: Product dimensions and included accessories, including USB cable, optical cable, and power line.

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Video 1: An overview of the FULODE V18 Digital Mixer's features and connectivity, including power-on sequence and various input/output options. This video demonstrates the physical connections and initial boot-up of the device.

OPERATING INSTRUCTIONS

Channel Controls and EQ

Each input channel (1-8) features individual gain control, a 4-band equalizer, and a channel fader for precise level adjustment. The main output also includes a powerful 6-band EQ for overall sound shaping.

- **Gain Control:** Adjust the input sensitivity for each channel to prevent clipping or ensure sufficient signal.
- **4-Band Channel EQ:** Use the dedicated knobs to adjust High-Pass Filter (HPF), Low-Pass Filter (LPF), Treble, Mid, and Bass frequencies for individual channels.
- **Channel Faders:** Control the volume level of each channel sent to the main mix.
- **Mute Button:** Instantly silence a channel.

- **PFL (Pre-Fader Listen) Button:** Allows you to monitor the channel's signal before the fader, useful for setting gain levels.



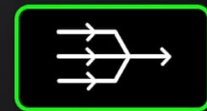
Pro-Grade HPF/LPF

Sculpt Your Sound with Surgical Precision



4-band Professional EQ

Crystal-clear Treble, vocal-focused Mids, warm Mid-Frequencies, and powerful Bass



Multi-Bus Routing

Group Channels for Effortless Control



Smart Noise Gate

Auto-Cut Background Noise for Crystal-Clear Audio

Figure 3: Visual representation of the 4-band professional EQ, Pro-Grade HPF/LPF, Multi-Bus Routing, and Smart Noise Gate features.

DSP Effects and Presets

The V18 mixer includes 16 professional DSP effect presets. You can select and adjust parameters for each effect to customize your sound.

- **Effect Knob:** Rotate to select from the 16 built-in effects.
- **Parameter Setting:** Use the control knob to adjust specific parameters of the selected effect, such as delay time or reverb decay.
- **Preset Mode Shortcut (M1, M2, M3):** Save up to 3 customized presets for quick recall during performances or recording sessions.
- **Footswitch Control:** Connect an optional footswitch to the "FOOT-SW" jack for hands-free effect switching, ideal for solo performers.

16 BUILT-IN EFFECT PRESETS - FULLY CUSTOMIZABLE

16 professional effect presets out of the box - all parameters adjustable for your creative needs.



Figure 4: The mixer's display showing the selection and adjustment of 16 built-in effect presets.

USB and Bluetooth Connectivity

The mixer offers versatile playback options via USB and Bluetooth.

- **USB Playback:** Insert a USB flash drive into the USB port to play MP3 files directly. Use the transport controls (play/pause, next/previous) on the mixer to navigate tracks.
- **Bluetooth Streaming:** Activate Bluetooth on the mixer and pair with your mobile device (phone, tablet, or MP3 player) to stream audio wirelessly.
- **PC Debugging/Tuning:** Connect the mixer to your computer via the USB 2.0 port. Use the dedicated PC tuning software for ultra-precise sound adjustments and real-time parameter control.

BUILT-IN BLUETOOTH

Enjoy wireless freedom with Bluetooth 5.0 - easily stream music from your phone (iOS/Android), tablet, or MP3 player directly into the mixer.



Figure 5: Illustration of the built-in Bluetooth feature for wireless audio streaming.

VERSATILE AUDIO INPUTS FOR SEAMLESS MIXING



USB DRIVE

Play music directly from your flash drive.



USB 2.0 (COMPUTER)

Connect to your PC/Mac for studio-quality audio.



OPTICAL INPUT

Enjoy high-fidelity digital audio with zero interference.

Figure 6: Overview of versatile audio inputs including USB drive, USB 2.0 for computer connection, and optical input.

16 BUILT-IN EFFECT PRESETS - FULLY CUSTOMIZABLE

16 professional effect presets out of the box - all parameters adjustable for your creative needs.



Rotate and click to select the appropriate mode

Figure 7: The mixer connected to a computer, demonstrating the PC tuning software for precise adjustments and recallable modes.

Phantom Power

Channels 1 and 2 provide independent 48V phantom power, essential for operating condenser microphones. Activate phantom power only when using condenser microphones that require it. Ensure other devices are disconnected or phantom power is off before connecting non-phantom powered equipment to avoid damage.

48V PHANTOM POWER SUPPLY & MUTE BUTTON



Figure 8: The 48V phantom power switch and channel mute button, crucial for microphone compatibility and live control.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your FULODE V18 Digital Mixer:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the mixer. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Avoid abrasive cleaners, solvents, or waxes.
- **Dust Protection:** Keep the mixer covered when not in use to prevent dust accumulation, especially around faders and knobs.
- **Environmental Conditions:** Operate and store the mixer in a dry environment, away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Management:** Ensure cables are neatly organized and not under strain to prevent damage to connectors and ports.

TROUBLESHOOTING

This section addresses common issues you might encounter with your FULODE V18 Digital Mixer:

Problem	Possible Cause	Solution
No sound output from main mix.	<ul style="list-style-type: none">◦ Main fader is down.◦ Channel faders are down.◦ Mute button activated on channels or main.◦ Output cables are disconnected or faulty.◦ Speakers/amplifiers are off or not connected.	<ul style="list-style-type: none">◦ Raise the MAIN fader.◦ Raise individual channel faders.◦ Deactivate any MUTE buttons.◦ Check and secure all output cables.◦ Ensure speakers/amplifiers are powered on and connected correctly.
Distorted sound.	<ul style="list-style-type: none">◦ Input gain too high.◦ Output level too high.◦ Incorrect impedance matching.	<ul style="list-style-type: none">◦ Reduce input GAIN for the affected channel.◦ Lower the MAIN fader or output level on connected devices.◦ Ensure correct cables and connections for instruments/microphones.
Bluetooth not connecting.	<ul style="list-style-type: none">◦ Bluetooth not enabled on mixer or device.◦ Device is too far from the mixer.◦ Interference from other wireless devices.	<ul style="list-style-type: none">◦ Ensure Bluetooth is active on both the mixer and your device.◦ Move the device closer to the mixer.◦ Minimize other wireless interference.
Microphone not working (condenser mic).	<ul style="list-style-type: none">◦ 48V Phantom Power is off.◦ Microphone cable is faulty.	<ul style="list-style-type: none">◦ Activate 48V Phantom Power for channels 1 or 2.◦ Test with a different XLR cable.

SPECIFICATIONS

Feature	Detail
Brand	FULODE
Model Number	V18

Feature	Detail
Number of Channels	8
DSP Effects	16 built-in, adjustable parameters
Equalization	4-Band EQ per channel, 6-Band Master EQ, HPF/LPF filters
Connectivity Technology	Bluetooth 5.0, USB 2.0, Optical Input
Phantom Power	48V (independent on channels 1 & 2)
Display	2.8" TFT Display
Power Source	Corded Electric
Voltage	110 Volts (AC)
Item Weight	5.69 pounds
Product Dimensions	11.45 x 9.72 x 2.59 inches (29.1 x 24.7 x 6.6 cm)



WARRANTY AND SUPPORT

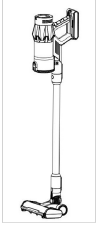
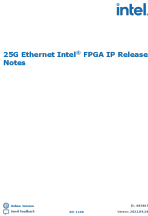


FULODE is committed to your satisfaction. This mixer is packed with advanced features to meet professional audio needs. If you have any questions about setup, functions, or performance, our dedicated support team is always ready to help. Please contact us anytime for assistance.

For support, please refer to the contact information provided with your product packaging or visit the official FULODE website.

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Related Documents - V18

	<p>VIMAI V18 User Manual and FCC Compliance</p> <p>Official user manual and FCC compliance information for the VIMAI V18 audio device, model 2A88Y-V18. Learn about device operation and regulatory standards.</p>
	<p>Computer Speaker V18 Instruction Manual - User Guide</p> <p>Official instruction manual for the Computer Speaker V18. Learn how to set up, use, and maintain your USB-powered stereo speaker with Bluetooth connectivity and RGB lighting.</p>

 <p>USER MANUAL Cordless Vacuum Cleaner V18</p>	<p>User Manual: V18 Cordless Vacuum Cleaner</p> <p>Comprehensive user manual for the ASHLV V18 Cordless Vacuum Cleaner, covering safety instructions, assembly, operation, maintenance, charging, troubleshooting, and technical specifications. Learn how to use and care for your V18 vacuum.</p>
 <p>intel. 25G Ethernet Intel® FPGA IP Release Notes</p>	<p>25G Ethernet Intel FPGA IP Release Notes</p> <p>Comprehensive release notes detailing updates, bug fixes, and new features for Intel's 25G Ethernet FPGA IP across Intel Agilex, Stratix 10, and Arria 10 device families, including versioning information and compatibility with Intel Quartus Prime software.</p>
 <p>SUPER VAC Time Tested. Firefighter Proven. SUPERVAC.COM</p>	<p>Super Vac Positive Pressure Ventilators and Smoke Ejectors Catalog</p> <p>Comprehensive catalog of Super Vac's range of positive pressure ventilators (PPVs), smoke ejectors, and ventilation accessories, featuring detailed specifications, features, and applications for firefighting and industrial use.</p>
 <p>ISO file download link</p>	<p>Toyota Techstream Software Activation and ISO File Download Guide</p> <p>Instructions for activating Toyota Techstream software and a link to download the ISO file and user manual for the Mini VCI diagnostic tool.</p>