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## WEYMIC B140

# Weymic B140 Professional 14-Channel Mixer User Manual

Model: B140 | Brand: WEYMIC

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your Weymic B140 Professional 14-Channel Mixer. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

The Weymic B140 is a versatile audio mixer designed for various applications including recording, live DJ performances, stage events, and karaoke. It features 14 input channels, 99 DSP effects, USB connectivity for computer recording and playback, XLR microphone jacks, and 48V phantom power for condenser microphones.

## 2. SAFETY INSTRUCTIONS

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- Do not expose this device to rain or moisture.
- Do not open the casing. Refer all servicing to qualified personnel.
- Ensure the power supply voltage matches the requirements specified on the unit.
- Protect the power cord from being walked on or pinched.
- Disconnect the power adapter during lightning storms or when unused for long periods.
- Avoid placing the unit near heat sources or in direct sunlight.
- Use only attachments/accessories specified by the manufacturer.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Weymic B140 Professional 14-Channel Mixer
- Power Adapter
- User Manual (this document)

## 4. PRODUCT OVERVIEW

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The Weymic B140 mixer features a robust all-metal body and sealed rotary controls designed for durability. It

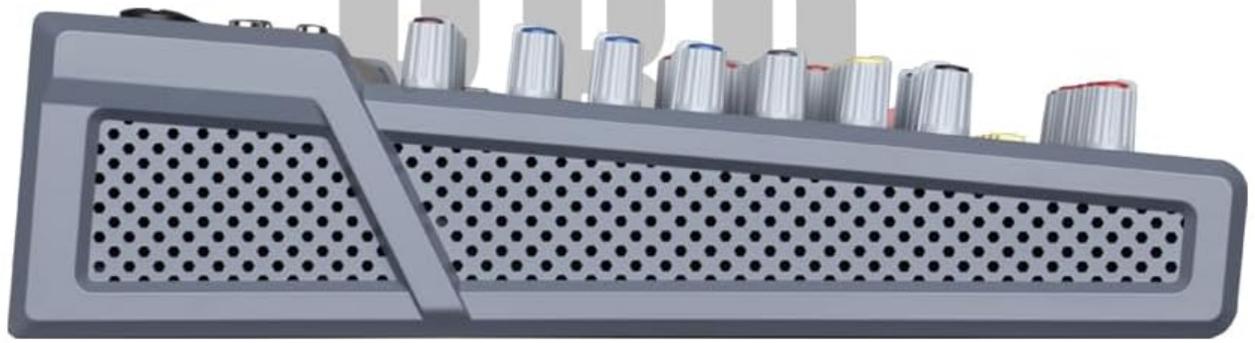
provides comprehensive control over audio signals with a low-noise, high-precision preamp.

## 4.1 Physical Layout



Figure 4.1: Front view of the Weymic B140 Professional 14-Channel Mixer, showing all controls and inputs.

This image displays the complete front panel of the mixer, highlighting the arrangement of input channels, control knobs, faders, and the digital display for DSP effects and media player functions.



## MIXER SIDE

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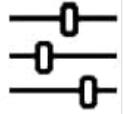
## MIXER ON THE BACK

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Figure 4.2: Side view of the Weymic B140 Mixer, showing ventilation and chassis design.

The side view illustrates the robust construction and ventilation design of the mixer, ensuring optimal heat dissipation during operation.

# PROFESSIONAL THREE BALANCE ADJUSTMENT



EACH CHANNEL HIGH SCHOOL BASS INDEPENDENT REGULATION  
MAKE IT SOUND MORE COMFORTABLE, THE MUSIC BETTER



Figure 4.3: Rear view of the Weymic B140 Mixer, showing power input and serial number.

The rear panel includes the external DC power input (5V/1A) and the power ON/OFF switch. The serial number label is also located here.

## 4.2 Detailed Panel Controls

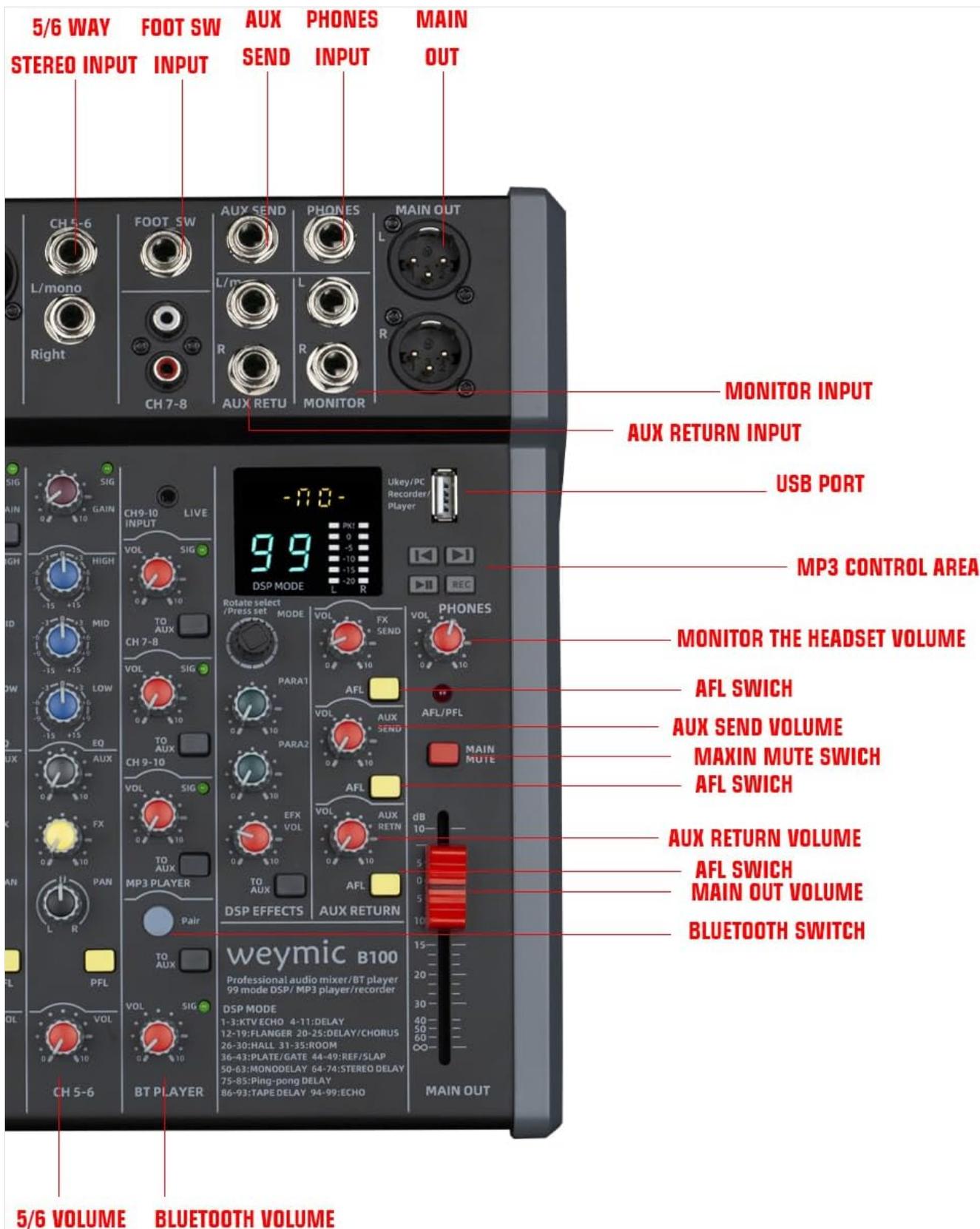


Figure 4.4: Detailed panel layout of the left side of the Weymic B140 mixer, indicating input channels and their respective controls.

This diagram labels the controls on the left side of the mixer, including the Composite Interface, Phantom Power Switch, Gain Control, Low Cut Switch, High Regulating (EQ), Mid Regulating (EQ), Low Regulating (EQ), AUX Regulating, FX Regulating, Pan Regulating, PFL Switch, and Channel Volume faders.

# DIGITAL REVERBERATION EFFECT OF DSP CHIP

PROFESSIONAL DSP EFFECTOR CAN MODULATE  
THE REALISM OF SOUND EFFECT WHEN PLAYING IN DIFFERENT OCCASIONS

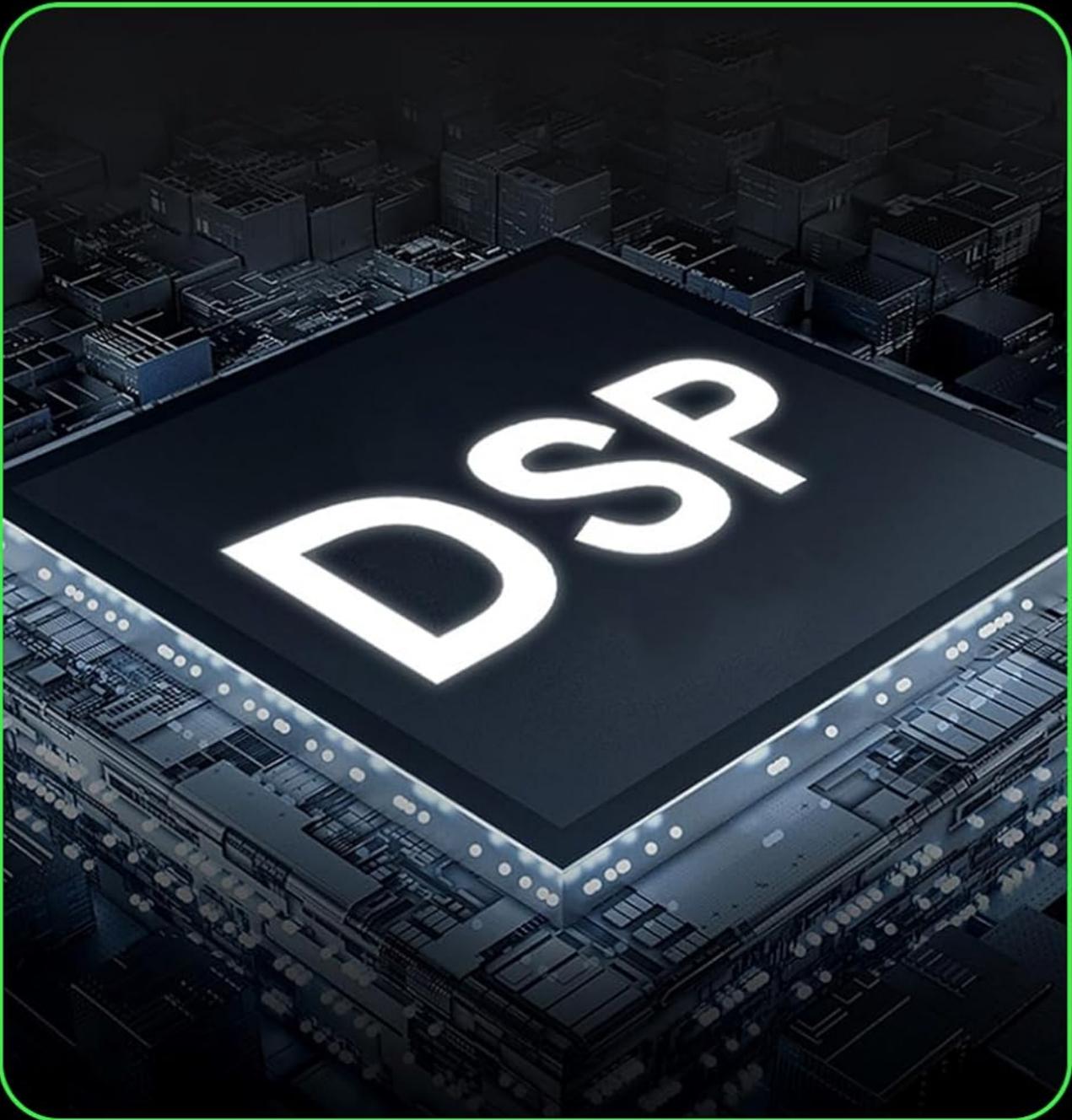


Figure 4.5: Detailed panel layout of the right side of the Weymic B140 mixer, indicating master controls, effects, and media player

This diagram labels the controls on the right side of the mixer, including the Monitor Input, AUX Return Input, USB Port, MP3 Control Area, Monitor Headset Volume, AFL Switch, AUX Send Volume, Main Mute Switch, AFL Volume, AUX Return Volume, Main Out Volume, and Bluetooth Switch.

### 4.3 Key Features and Components

- **Phantom Power (+48V):** Compatible with multiple types of condenser microphones.
- **Real-time Monitoring:** Connect headphones directly to the PHONES jack for monitoring.
- **Composite Interfaces:** High-quality, damping materials used for microphone/line inputs.
- **Bluetooth Connectivity:** Easily pair and connect Bluetooth devices for audio playback.
- **USB Interface:** For recording performances and playing music from USB drives.
- **99 DSP Effects:** Integrated digital signal processing with 99 preset effects for various occasions.

# DETAILED INTRODUCTION OF PRODUCT PANEL

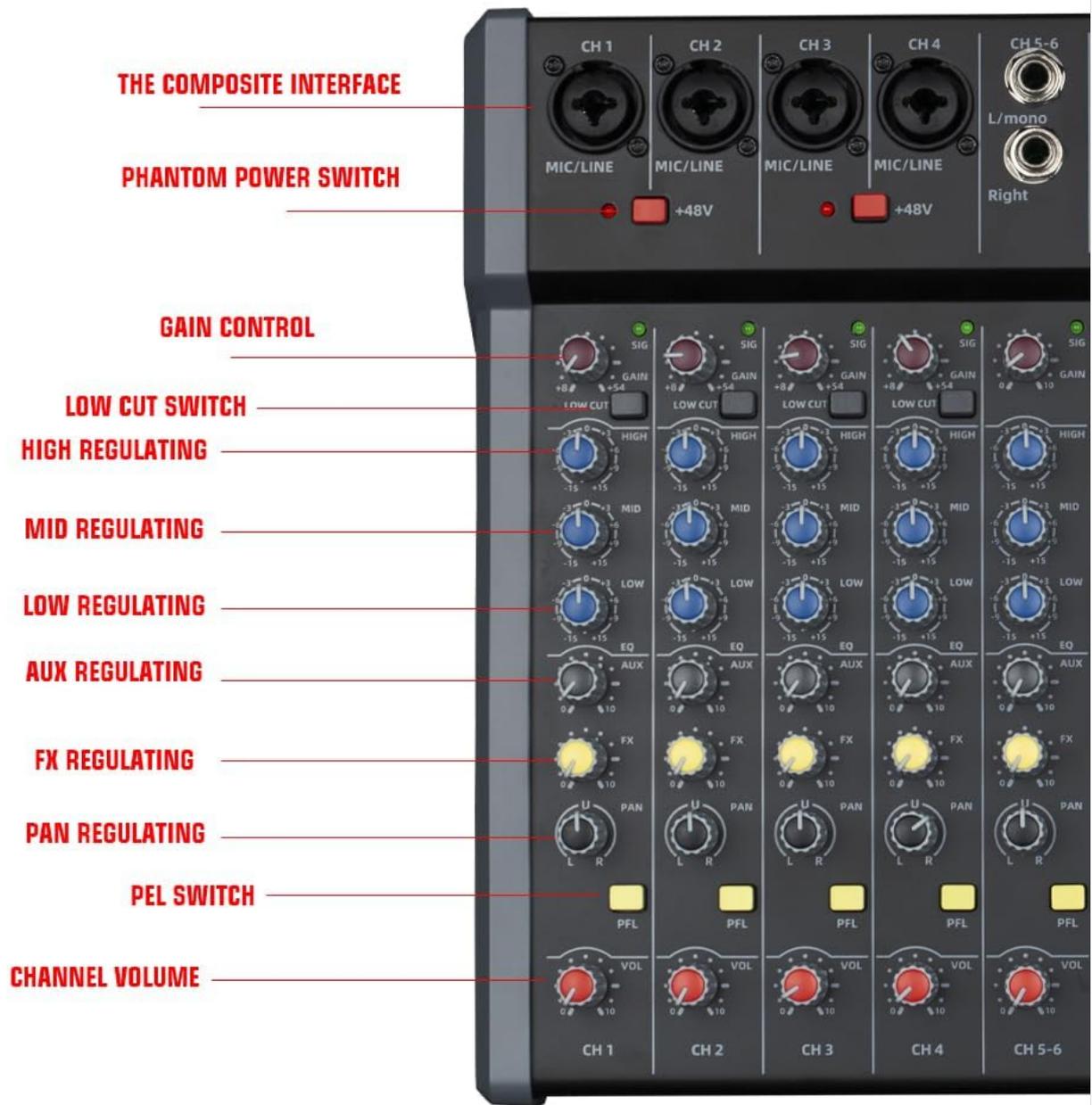
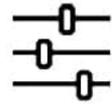


Figure 4.6: Close-up view of key features such as Phantom Power switch, headphone jack, input interfaces, and Bluetooth pairing button.

This image provides a detailed look at specific controls: the Phantom Power switch and indicator, the headphone output jack, the robust microphone/line input composite interfaces, and the Bluetooth pairing button.

# PLAY LOSSLESS MUSIC DIGITAL MP3 PLAYER

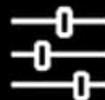
BUILT-IN USB INTERFACE FOR RECORDING  
PERFORMANCES AND PROVIDING MUSIC PLAYBACK



Figure 4.7: Close-up view of the professional three-band balance adjustment (High, Mid, Low) for each channel.

Each channel features independent high, mid, and low frequency equalization controls, allowing for precise tonal shaping of individual audio sources.

**DETAILED DISPLAY  
OF CRAFTSMANSHIP**



STRENGTH IS THE KEY TO THE DETAILS CAREFULLY



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### PHANTOM POWER

COMPATIBLE WITH  
MULTIPLE TYPES OF MICROPHONES



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### REAL-TIME MONITORING

CONNECT THE HEADSET  
TO MONITOR DIRECTLY



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### THE COMPOSITE INTERFACE

SELECTED HIGH-QUALITY  
DAMPING MATERIALS



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### OPEN THE BLUETOOTH KEY

CLICK ON THE OPEN  
BLUETOOTH CONNECTION

Figure 4.8: The mixer's display showing the 99 DSP effects, categorized into Hall Reverbs, Metal Reverberation, and Delay Reverb.

The mixer offers 99 types of digital signal processing (DSP) effects, including various reverbs and delays, to

enhance audio output. The display shows the selected effect number.

# EFFECT IS RICH 99 KINDS OF REVERB PRESET

A VARIETY OF OCCASIONS, EASILY COPE WITH

# 99



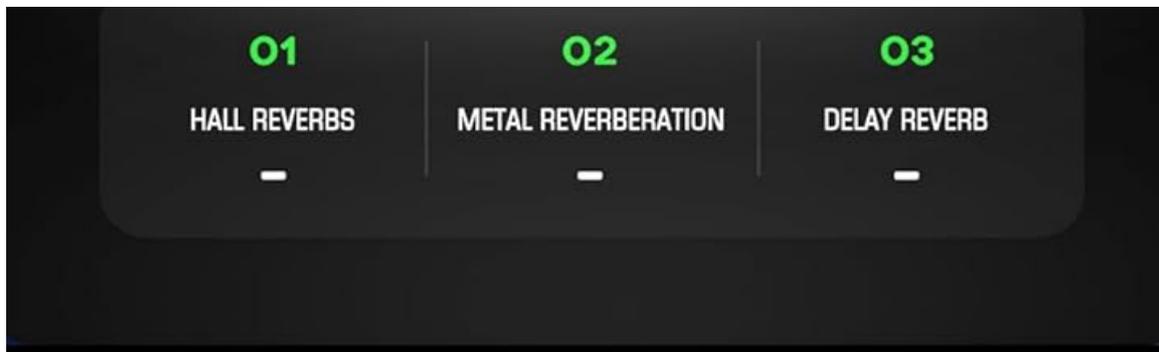


Figure 4.9: The built-in USB interface with a USB drive inserted, enabling digital MP3 playback and recording.

The mixer includes a USB interface for playing lossless music files from a USB flash drive and for recording audio directly to a computer.

## 5. SETUP

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### 5.1 Power Connection

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided power adapter to the DC 5V/1A input on the rear panel of the mixer.
3. Plug the power adapter into a suitable electrical outlet.
4. Turn the mixer's power switch to the ON position. The power indicator light should illuminate.

### 5.2 Connecting Microphones and Instruments

1. For microphones, connect XLR cables to the MIC/LINE inputs (CH1-CH8).
2. For instruments or line-level devices, use 1/4" TS/TRS cables to the MIC/LINE inputs.
3. If using condenser microphones, activate the +48V Phantom Power switch for the respective channels. Ensure all connections are made before activating phantom power to prevent damage.
4. For stereo inputs, use channels CH9-10, CH11-12, CH13-14 (L/mono and R).

### 5.3 Connecting Output Devices

1. Connect your main speakers or amplifier to the MAIN OUT (XLR or 1/4" TRS) jacks.
2. For monitoring, connect headphones to the PHONES jack.
3. Use the AUX SEND outputs to connect to external effects processors or monitor speakers.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Channel Controls

- **GAIN:** Adjusts the input sensitivity for each channel. Set this to achieve a strong signal without clipping (the SIG/PEAK LED should occasionally flash green, but not red).
- **LOW CUT:** Activates a high-pass filter to remove unwanted low-frequency rumble.
- **HIGH/MID/LOW EQ:** Three-band equalizer for adjusting the treble, midrange, and bass frequencies of each channel.
- **AUX:** Controls the level of the channel signal sent to the AUX SEND output.
- **FX:** Controls the level of the channel signal sent to the internal DSP effects processor.
- **PAN:** Adjusts the stereo position (left/right) of the channel signal.

- **PFL (Pre-Fader Listen):** Routes the channel signal to the headphones for monitoring before the channel fader.
- **VOLUME Fader:** Adjusts the output level of the individual channel.

## 6.2 DSP Effects

The mixer features 99 built-in DSP effects. To use them:

1. Use the "PROGRAM" knob to select an effect number (1-99) displayed on the digital screen.
2. Adjust the "FX" knob on each channel to send the desired amount of signal to the effects processor.
3. Adjust the "FX RETURN" knob to control the overall level of the effects returning to the main mix.

## 6.3 USB Playback and Recording

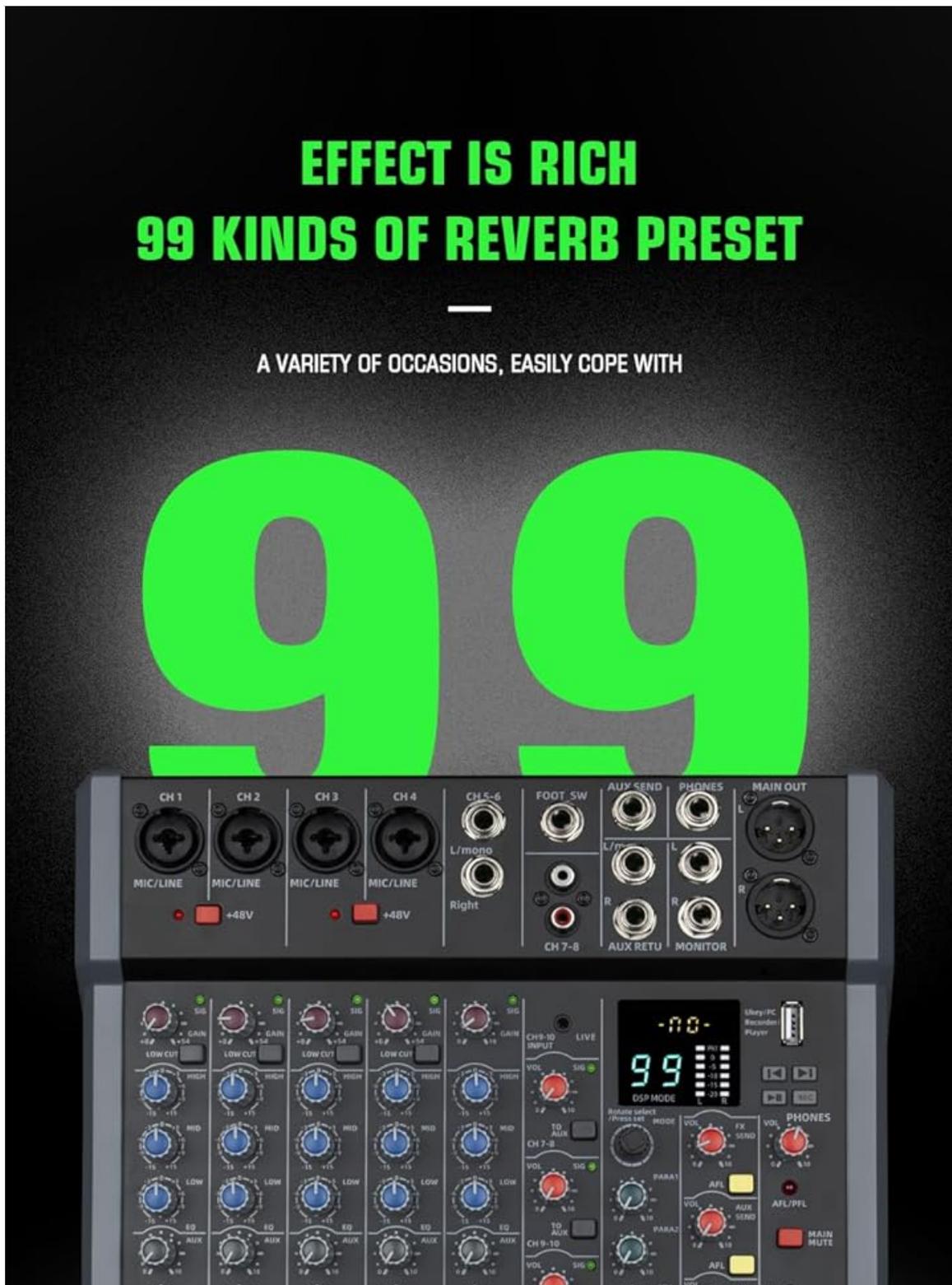




Figure 6.1: USB interface for media playback and recording.

The mixer's USB interface allows for both audio playback from a USB drive and recording to a computer.

- **USB Playback:** Insert a USB flash drive containing MP3 files into the USB port. Use the integrated controls (play/pause, skip tracks) to manage playback.
- **Computer Recording:** Connect the mixer to a computer via the USB port. The mixer will function as an audio interface, allowing you to record the main mix into your digital audio workstation (DAW) software.

## 6.4 Bluetooth Connectivity

1. Press the Bluetooth switch to activate Bluetooth mode. The display will indicate Bluetooth pairing mode.
2. On your mobile device, search for "WEYMIC" or a similar device name in your Bluetooth settings.
3. Select the mixer to pair. Once paired, you can stream audio wirelessly to the mixer.
4. Adjust the Bluetooth volume control on the mixer to set the playback level.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the mixer's surface. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Dust Protection:** The sealed rotary controls are designed to resist dust. However, regular dusting can prolong the life of the unit.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power adapter not connected; Power switch off; Faulty outlet.	Check power adapter connection; Turn power switch ON; Try a different outlet.
No sound output	Main volume fader down; Channel volume fader down; Output cables disconnected; Amplifier off.	Increase MAIN OUT fader; Increase channel volume fader; Check all output cable connections; Ensure amplifier is on and set correctly.
Microphone not working	Microphone not connected; Channel volume down; +48V Phantom Power off (for condenser mics); Faulty microphone/cable.	Check microphone connection; Increase channel volume; Activate +48V Phantom Power; Test with a different microphone/cable.
Distorted audio	GAIN too high; Channel/Main volume too high; Input signal too strong.	Reduce GAIN control; Lower channel/MAIN OUT volume; Check input source level.
Bluetooth not pairing	Bluetooth not activated; Device too far; Interference.	Ensure Bluetooth switch is ON; Move device closer; Reduce other wireless interference.

## 9. SPECIFICATIONS

<b>Brand</b>	WEYMIC
<b>Model Number</b>	B140 (B-14)
<b>Dimensions (L x W x H)</b>	35 x 32 x 8.5 cm
<b>Weight</b>	2.47 Kilograms
<b>Number of Channels</b>	14
<b>Connectivity Technology</b>	Bluetooth, USB
<b>Power Source</b>	Cable Electric (External Power Adapter)
<b>Voltage</b>	5 Volts
<b>Output Connector Type</b>	XLR
<b>Audio Input Type</b>	XLR
<b>DSP Effects</b>	99 Presets

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact WEYMIC customer service directly. Keep your proof of purchase for any warranty claims. WEYMIC is committed to providing high-quality products and customer satisfaction. If you encounter any issues not covered in this manual, please reach out to our support team for assistance.

