

[Manuals.plus](#) /

> [douself](#) /

> douself MX-1200USB-BT 12-Channel Mixing Console Mixer Built-in 16 DSP Effects +48V Phantom Power Supports BT Connection Memory Card/USB Flash Drive Input with Power Adapter for Studio

douself MX-1200USB-BT

douself MX-1200USB-BT 12-Channel Mixing Console User Manual

Model: MX-1200USB-BT

1. INTRODUCTION

Thank you for purchasing the douself MX-1200USB-BT 12-Channel Mixing Console. This professional audio mixer is designed for studio recording, live sound, and various audio applications, offering high-quality sound processing and versatile connectivity. It features 12 input channels, built-in 16 DSP effects, +48V phantom power, Bluetooth connectivity, and USB/memory card input for playback.

Please read this manual thoroughly before operating the unit to ensure proper use and to maximize its performance and lifespan.

2. IMPORTANT SAFETY INSTRUCTIONS

- **Power Supply:** Use only the specified power adapter. Ensure the voltage matches the unit's requirements.
- **Water and Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids on the unit.
- **Ventilation:** Ensure proper ventilation. Do not block ventilation openings.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cables:** Protect the power cord from being walked on or pinched.

3. PRODUCT OVERVIEW

3.1 Front Panel Layout



Figure 3.1: Front panel of the douself MX-1200USB-BT Mixing Console, showing all inputs, controls, and outputs.

The douself MX-1200USB-BT mixing console features a comprehensive layout for intuitive control over your audio. The top section includes input jacks, followed by gain, EQ, AUX, FX, and PAN controls for each channel. The bottom section houses channel faders and the main output faders.

3.2 Key Features

- 12-channel input (11 mono, 1 stereo).
- Built-in 16 DSP digital multi-effects processor.
- +48V Phantom Power for condenser microphones.
- Bluetooth connectivity for wireless audio streaming.
- USB/Memory Card input for WAV/WMA/MP3 playback.
- 3-band EQ (HI, MID, LOW) on each mono channel.
- AUX Send and Return for external effects.
- Balanced XLR and 1/4" TRS outputs.
- Headphone output with dedicated volume control.

4. SETUP

4.1 Unpacking and Inspection

Carefully unpack the mixing console and all accessories. Inspect the unit for any signs of damage during transit. Retain the original packaging for future transport or storage.

4.2 Connecting Power

1. Ensure the mixer's power switch is in the OFF position.
2. Connect the provided power adapter to the DC IN jack on the rear panel of the mixer.
3. Plug the power adapter into a suitable AC power outlet.

4.3 Connecting Audio Devices

The mixer offers various input and output options:

- **Microphones (MIC 1-11):** Connect XLR cables from microphones to the balanced XLR inputs. For condenser microphones, activate the +48V Phantom Power switch.
- **Line-Level Devices (LINE 1-11):** Connect instruments or other line-level devices using 1/4" TRS or TS cables to the LINE inputs.
- **Stereo Inputs (12/13):** Use these channels for stereo line-level sources like keyboards or media players.
- **Main Outputs (BALANCED OUT):** Connect the mixer's main outputs to your power amplifier or active speakers using XLR or 1/4" TRS cables.
- **Headphones (PHONE):** Connect your headphones to the 1/4" PHONE jack.
- **AUX Send/Return:** For connecting external effects processors.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

1. **Power On:** After connecting all cables, switch on the mixer's power.
2. **Gain Adjustment:** For each active channel, adjust the *GAIN* knob to achieve an optimal input level. The PEAK LED should flash only occasionally.
3. **Equalization (EQ):** Use the *HI*, *MID*, and *LOW* knobs to shape the tone of each channel.
4. **AUX Send:** Adjust the *AUX* knob to send a portion of the channel's signal to the AUX output, typically for monitor mixes.
5. **FX Send:** Adjust the *FX* knob to send a portion of the channel's signal to the internal DSP effects processor.
6. **Pan Control (PAN):** Position the sound of each channel in the stereo field (left or right).
7. **Channel Faders:** Adjust the volume of individual channels using the vertical faders.
8. **Main Output:** Use the *L MAIN R* faders to control the overall output volume.

5.2 DSP Effects

The mixer includes 16 built-in digital effects. Use the *PROGRAM* knob or UP/DOWN buttons to select an effect. Adjust the *FX REPEAT* knob to control the effect's intensity or decay.

5.3 USB/Bluetooth Playback

The USB/Bluetooth module allows for audio playback from a USB flash drive, memory card, or via Bluetooth connection.

- **USB/Memory Card:** Insert a USB flash drive or memory card into the designated slot. The mixer will automatically detect and begin playing supported audio files (WAV, WMA, MP3). Use the module's controls for play/pause, skip,

and mode selection.

- **Bluetooth Connection:**

- a. Press the MODE button on the USB/Bluetooth module until "BT" is displayed.
- b. On your Bluetooth-enabled device (smartphone, tablet), search for available devices.
- c. Select "MX-1200USB-BT" (or similar name) from the list to pair.
- d. Once paired, you can stream audio wirelessly to the mixer.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the surface of the mixer with a soft, dry, lint-free cloth. Do not use liquid cleaners, aerosols, or solvents.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure ventilation openings remain clear of dust and debris.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound output.	Power not connected or turned on. Main faders are down. Channel faders are down. Incorrect input/output connections. Speakers/amplifier not powered on or connected.	Check power connection and switch. Raise <i>L MAIN R</i> faders. Raise individual channel faders. Verify all audio cable connections. Ensure external audio equipment is powered and connected correctly.
No sound from a specific channel.	Channel fader is down. GAIN knob is too low. Input device not connected or working. Phantom power not activated for condenser mic.	Raise the channel fader. Increase the <i>GAIN</i> knob. Check the input device and cable. Activate +48V Phantom Power if using a condenser microphone.
Humming or buzzing noise.	Ground loop issue. Unbalanced cables used for long runs. Interference from other electronic devices.	Try connecting all audio equipment to the same power outlet. Use balanced cables (XLR, TRS) where possible. Move the mixer away from power transformers or other noisy electronics.
Bluetooth connection issues.	Mixer not in Bluetooth mode. Device not paired. Too far from the mixer.	Ensure the module is in "BT" mode. Re-pair the device. Move the Bluetooth device closer to the mixer.

8. SPECIFICATIONS

Model	MX-1200USB-BT
Channels	12 (11 Mono, 1 Stereo)
DSP Effects	16 Digital Multi-Effects
Phantom Power	+48V
Connectivity	Bluetooth, USB, Memory Card
EQ	3-band (HI, MID, LOW) per mono channel
Power Source	Corded Electric
Audio Input	XLR, 1/4" TRS/TS, USB
Output Connector Type	XLR, 1/4" TRS, USB

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or contact your local douseful distributor. Keep your purchase receipt as proof of purchase for warranty claims.

For common issues, please consult the troubleshooting section of this manual. If the problem persists, contact customer support for further assistance.

