

Depusheng X5

Depusheng X5 Karaoke Professional Digital Audio Processor User Manual

Model: X5 | Brand: Depusheng

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Depusheng X5 Karaoke Professional Digital Audio Processor. This device is designed to enhance your audio experience with its advanced processing capabilities and karaoke functions. Each function is independently adjustable, offering precise control over your sound environment.

2. SAFETY INFORMATION

- Ensure the power supply matches the voltage requirements specified on the unit.
- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not open the casing; refer all servicing to qualified personnel.
- Ensure adequate ventilation to prevent overheating.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Audio Processor (Depusheng X5) x 1
- Power Cable x 1
- Audio Cable x 1
- USB Cable x 1
- User Manual x 1

4. PRODUCT OVERVIEW

4.1 Front Panel Controls



Control & Layout:

- | | |
|---|--------------------------------------|
| 1. The microphone sound quality gain | 10. Save parameter settings |
| 2. The microphone input port | 11. Mic parameter settings |
| 3. The microphone volume | 12. Echo parameter settings |
| 4. Effect of volume | 13. Reverb parameter settings |
| 5. Music volume | 14. Music parameter settings |
| 6. Main parameter settings | 15. Recall parameter settings |
| 7. Sub parameter settings | 16. Control knob |
| 8. S.C parameter settings | 17. Up/Esc |
| 9. System parameter settings | 18. Down |

The front panel features various controls for microphone, effect, and music adjustments, along with input ports for microphones.

1. **Microphone Sound Quality Gain:** Adjusts the input sensitivity for microphones.
2. **Microphone Input Ports (MIC 1, MIC 2, MIC 3):** 6.35mm hybrid inputs for connecting microphones.
3. **Microphone Volume:** Controls the overall volume of the microphones.
4. **Effect Volume:** Adjusts the level of audio effects applied to the microphones.
5. **Music Volume:** Controls the volume of the music input.
6. **Main Parameter Settings:** Accesses main audio parameters.
7. **Sub Parameter Settings:** Accesses subwoofer parameters.
8. **B.S.C Parameter Settings:** Accesses bass, treble, and other tone controls.
9. **System Parameter Settings:** Accesses general system configurations.
10. **Save Parameter Settings:** Saves current settings to memory.
11. **Mic Parameter Settings:** Adjusts specific microphone parameters.
12. **Echo Parameter Settings:** Adjusts echo effect parameters.
13. **Reverb Parameter Settings:** Adjusts reverb effect parameters.
14. **Music Parameter Settings:** Adjusts specific music parameters.
15. **Recall Parameter Settings:** Recalls saved settings.
16. **Control Knob:** Multi-function knob for navigating menus and adjusting values.
17. **Up/Esc Button:** Navigates up in menus or exits current selection.
18. **Down Button:** Navigates down in menus or confirms selection.

4.2 Rear Panel Connections



Control & Layout:

19. The power interface

20. The power switch

21. USB cable socket

22. RCA interface

23. XLR interface

The rear panel provides various input and output interfaces for connecting to other audio equipment.

1. **Power Interface:** Connects the power cable to the unit.
2. **Power Switch:** Turns the unit on or off.
3. **USB Cable Socket:** Connects to a PC for intelligent control and parameter adjustment.
4. **RCA Interface (IN1, IN2, REC OUT):** Stereo RCA inputs for audio sources and a record output.
5. **XLR Interface (MR, ML, Center, SUB, SR, SL):** Balanced XLR outputs for main, center, subwoofer, and surround speakers.

5. SETUP AND CONNECTION

Follow these steps to connect your Depusheng X5 audio processor to your sound system.

5.1 General Connection Diagram



**IT CAN CONNECT TO AUDIO DEVICES
SUCH AS MOBILE PHONES, COMPUTERS,
AMPLIFIERS AND WIRELESS MICROPHONES**



This diagram illustrates a typical setup connecting the audio processor to microphones, an amplifier, and speakers.

5.2 Detailed Connection Steps

1. **Connect Microphones:** Insert your 6.35mm microphone cables into the MIC 1, MIC 2, or MIC 3 input ports on the front panel.
2. **Connect Audio Source:** Use RCA cables to connect your audio source (e.g., PC, mobile phone, DVD player) to the IN1 or IN2 RCA input ports on the rear panel. Alternatively, use the USB port for PC connection.
3. **Connect to Amplifier/Speakers:**
 - For main speakers, connect the ML (Main Left) and MR (Main Right) XLR outputs to your power amplifier's inputs.
 - If using a subwoofer, connect the SUB XLR output to your subwoofer amplifier's input.
 - Connect other speakers (Center, SR, SL) as needed using the corresponding XLR outputs.
4. **Power Connection:** Connect the power cable to the Power Interface on the rear panel and plug it into a suitable power outlet. Turn on the Power Switch.

5.3 Connection Demonstration Video

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This video demonstrates the connection process for a similar digital audio processor, including microphone, audio source, and amplifier connections. It provides a visual guide to ensure correct wiring.

6. OPERATING INSTRUCTIONS

Once connected, you can begin operating your Depusheng X5 audio processor.

6.1 Basic Audio Adjustment

- **Microphone Volume:** Use the 'MIC' knob on the front panel to adjust microphone input levels.
- **Music Volume:** Use the 'MUSIC' knob to control the background music volume.
- **Effect Volume:** Use the 'EFFECT' knob to adjust the intensity of echo and reverb effects.
- **Parameter Buttons:** Use the dedicated buttons (Mic, Echo, Reverb, Music, Main, Sub, S-C, System) to access specific parameter settings, then use the Control Knob and Up/Esc/Down buttons for fine-tuning.

6.2 Intelligent PC Control

The Depusheng X5 supports intelligent PC control for advanced audio customization.

- Connect the audio processor to your PC using the provided USB cable.
- Install the dedicated software (refer to the included user manual for software download/installation instructions).
- Through the PC interface, you can access detailed 7-segment music equalization and 15-segment microphone equalization settings.
- Adjust various parameters, save custom presets, and manage your audio environment with precision.

6.3 Operation Demonstration Video

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This video demonstrates the basic operation of a similar digital audio processor, including USB music playback, Bluetooth connection, and microphone testing. It also highlights the various adjustment knobs for effects and equalization.

6.4 Anti-Howling System

The integrated anti-howling system helps to eliminate unwanted feedback and interference, ensuring clear and stable audio output during performances.

7. FEATURES

- **Professional Digital Audio Processing:** Offers advanced audio processing with independent adjustable functions for precise sound control.
- **Anti-Howling System:** Effectively prevents microphone feedback and interference for clear audio.
- **Three Microphone Channels:** Features three 6.35mm hybrid microphone input channels for versatile use.
- **Intelligent PC Control:** Allows comprehensive control and customization via a PC interface, including 7-segment music equalization and 15-segment microphone equalization.
- **Efficient Heat Dissipation:** Equipped with 7 rows of quick-freezing heat dissipation openings to protect internal components and extend product lifespan.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Sound Output:**
 - Check all cable connections (power, audio input, audio output) to ensure they are secure.
 - Verify that the volume levels on the processor, amplifier, and audio source are not set to minimum or muted.
 - Ensure the correct input source is selected on the processor.
- **Microphone Feedback (Howling):**
 - Adjust the microphone volume and effect levels.
 - Ensure microphones are not pointed directly at speakers.
 - Utilize the anti-howling feature if available or adjust equalization settings via PC control.

- **Distorted Audio:**

- Reduce input volume levels from the audio source or microphone to prevent clipping.
- Check speaker impedance compatibility with your amplifier.

- **PC Control Software Not Connecting:**

- Ensure the USB cable is securely connected to both the processor and the PC.
- Verify that the correct drivers are installed on your PC.
- Try restarting both the processor and the PC.

9. SPECIFICATIONS

Specification	Value
Brand	Depusheng
Model Number	X5
Material	Metal
Number of Channels	3 (Microphone)
Hardware Platform	Karaoke Machine, PC
Item Weight	8.53 pounds
Package Dimensions	21.6 x 12.2 x 4.8 inches
Connectivity Technology	6.35mm, Auxiliary, XLR
Color	Black

10. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the heat dissipation openings are clear of dust and obstructions to maintain proper airflow.
- **Storage:** When not in use for extended periods, store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

11. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided by your retailer or the manufacturer. Keep your purchase receipt as proof of purchase.