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Pyle PMXU63BT

Pyle 6-Channel Professional Audio Mixer

MODEL: PMXU63BT

User Instruction Manual

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Pyle PMXU63BT 6-Channel Professional Audio Mixer. Designed for versatility and high-quality audio processing, this mixer is suitable for various applications, including studio recording, live performances, and DJ setups. Please read this manual thoroughly before operating the device to ensure proper use and to maximize its performance.



Figure 1: Pyle PMXU63BT 6-Channel Professional Audio Mixer

What's in the Box

Upon opening the package, please verify that all the following items are included:

- Bluetooth Studio Mixer Unit
- Power Adapter Cable (4-Pin)
- USB Cable

WHAT'S in the Box?

Bluetooth Studio Mixer



USB Cable



Power Adapter



Figure 2: Included components with the Pyle PMXU63BT mixer.

Key Features

The Pyle PMXU63BT mixer offers a robust set of features for professional audio control:

- USB/FLASH READER/MP3 COMPATIBILITY:** Connect external USB devices, computers, or flash drives for mixing and recording. Integrated controls allow for playback, track skipping, and mode switching.
- BLUETOOTH WIRELESS STREAMING:** Seamlessly stream audio from Bluetooth-enabled devices such as smartphones, tablets, and laptops.
- MIC AND STEREO LINE INPUTS:** Features (4) XLR/1/4" Combo Audio LINE/Microphone Inputs and 1/4" Mono + Stereo Inputs. Includes a +48V Phantom Power button for condenser microphones.
- 3-BAND EQ ON ALL CHANNELS:** Ultra-musical 3-band EQ (High, Mid, Low) on all channels for precise tone adjustment.
- 16-BIT DSP FX PROCESSOR:** Built-in digital signal processor with 16 effects for enhancing audio.
- DIRECT-TO-COMPUTER CONNECT:** Ability to connect directly to a computer for sound recording.
- RUGGED STEEL CHASSIS:** Durable construction with sealed rotary controls to resist dust and grime, ensuring longevity.

- **MULTI-VOLTAGE POWER SUPPLY:** 100V-240V (+/-15V DC power adapter) for worldwide compatibility.

Setup Guide

Follow these steps to set up your Pyle PMXU63BT mixer:

1. **Power Connection:** Connect the included 4-pin power adapter cable to the DC IN port on the rear of the mixer. Plug the adapter into a suitable power outlet. Ensure the power switch is in the OFF position before connecting.
2. **Microphone/Instrument Connection:** Connect your microphones or instruments to the XLR/1/4" combo inputs (Channels 1-4). For condenser microphones requiring power, activate the +48V Phantom Power button located on the top panel.
3. **Line-Level Device Connection:** Connect line-level devices (e.g., keyboards, CD players) to the 1/4" Mono + Stereo Inputs.
4. **Main Output Connection:** Connect the 1/4" (L/R) MAIN Outputs to your powered speakers, amplifier, or recording interface.
5. **Headphone Connection:** Plug your headphones into the 1/4" Headphone Jack for monitoring.
6. **USB/Computer Connection:** For USB playback or computer recording, insert a USB flash drive into the USB port or connect the mixer to your computer using the provided USB cable.



Figure 3: Mixer connections and included cables.

Operating Instructions

Understanding the controls of your PMXU63BT mixer is essential for optimal performance:

1. **Power On:** Once all connections are secure, switch the power ON. The LED indicator lights will illuminate.
2. **Channel Controls:** Each input channel (1-4) features:
 - **GAIN:** Adjusts the input sensitivity for the connected microphone or instrument.
 - **HIGH, MID, LOW:** 3-band equalizer knobs to adjust the treble, midrange, and bass frequencies of the channel.
 - **FX/SEND:** Controls the amount of signal sent from the channel to the built-in effects processor.
 - **LEVEL:** Adjusts the overall output volume of the individual channel.



Figure 4: Individual Channel Controls.

3. **Main Output Fader:** The STEREO fader controls the overall volume of the main mix output. Adjust this to set the master volume for your speakers or recording. The LED Peak Level Indicator provides visual feedback on the output signal level.
4. **DSP Effects:** The 16-Bit DSP processor offers various effects. Use the PROGRAM knob to select an effect and the REPEAT knob to adjust its intensity. The FX LEVEL knob controls the overall volume of the effects return.
5. **Bluetooth Connectivity:**
 - a. Press the MODE button on the USB Player section until 'BT' appears on the LCD display.
 - b. On your device (smartphone, tablet, etc.), search for Bluetooth devices and select 'KT-08UP'.
 - c. Once paired, you can stream audio wirelessly to the mixer. Adjust the 5/6 USB/BT channel level knob to control the Bluetooth audio volume.



Figure 5: Wireless Music Streaming and USB Connection.

6. USB Playback/Recording:

- a. Insert a USB flash drive containing MP3 or WAV audio files into the USB port. The mixer will automatically switch to USB mode.
- b. Use the control buttons (Play/Pause, Skip Tracks) on the USB Player section to navigate your audio files.
- c. To record to a USB drive, ensure a drive is inserted and press the REC button on the USB Player section.
- d. To connect to a computer for recording, connect the USB cable from the mixer to your computer. The mixer will function as an audio interface.



Figure 6: USB Player and Main Outputs.

7. **Headphone Monitoring:** Adjust the PHONES level knob to control the volume of your headphones without affecting the main output.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your mixer:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Avoid using abrasive cleaners, solvents, or waxes.
- **Dust Protection:** Keep the mixer covered when not in use to prevent dust and grime accumulation, especially around the rotary controls and faders.
- **Storage:** Store the mixer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Management:** Ensure cables are not excessively bent or tangled to prevent damage to the connectors and internal wiring.

Troubleshooting

If you encounter issues with your Pyle PMXU63BT mixer, refer to the following common problems and solutions:

- **No Sound Output:**

- Check if the mixer is powered on and the power adapter is securely connected.
- Ensure the main STEREO fader is raised and not at its lowest setting.
- Verify that individual channel LEVEL knobs are turned up.
- Confirm that your speakers or amplifier are powered on and properly connected to the MAIN Outputs.
- Check all cable connections for looseness or damage.

- **No Signal from Microphone/Instrument:**

- Ensure the GAIN knob for the specific channel is adjusted appropriately.
- If using a condenser microphone, verify that +48V Phantom Power is activated.
- Test the microphone/instrument and cable with another device to rule out external issues.

- **Excessive Noise/Hum:**

- Check for ground loops by ensuring all equipment is plugged into the same power strip or outlet.
- Reduce GAIN levels if the PEAK indicator is consistently lighting up.
- Use balanced cables (XLR or TRS) where possible to minimize interference.

- **Bluetooth Connection Issues:**

- Ensure the mixer is in Bluetooth mode ('BT' displayed).
- Verify that Bluetooth is enabled on your streaming device and it is within the 15+ ft wireless range.
- Forget the device on your phone/tablet and try re-pairing.

- **USB Playback/Recording Not Working:**

- Ensure the USB flash drive is formatted correctly (FAT32) and contains compatible audio files (MP3, WAV).
- Try a different USB flash drive.
- For computer connection, ensure the mixer is recognized as an audio device in your computer's sound settings.

Specifications

Feature	Detail
Model Number	PMXU63BT
Number of Channels	6

Feature	Detail
Connectivity Technology	Bluetooth, USB
Phantom Power	+48V
DSP Effects	16-Bit Processor with 16 Programs
Mic Input Sensitivity/Impedance	1.5mV/750 Ohm
Input Frequency Response	20Hz-20kHz, +/-3dB
Input Distortion	0.03%, 1kHz/150mV
Input Channel GAIN Adjustment	+20/+64 (-6/+38)
HIGH Gain	+/-15 dB, 12kHz Frequency Shelving
MID Gain	+/-15 dB, 2.5kHz Frequency Shelving
LOW Gain	+/-15 dB, 80kHz Frequency Shelving
Stereo Output Level Meter	5-Segment (+6, +3, 0, -3, -10dB)
PAD Input Channel Adjustment	26dB
Power Supply	100/240V (+/-15V DC Power Adapter)
Digital Audio File Compatibility	MP3, WAV
Dimensions (L x W x H)	9.3 x 9.7 x 2.6 inches
Item Weight	3.75 pounds
Material Type	Steel

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Pyle website. Pyle provides customer support to assist with any product-related inquiries or issues.

You can also find additional resources and contact information on the [Pyle Store on Amazon](#).