

VONYX VMA106

VONYX VMA106 6-Channel Powered PA Mixer User Manual

Model: VMA106 (Product Number: 172.670)

Brand: VONYX

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your VONYX VMA106 6-Channel Powered PA Mixer. Please read these instructions carefully before use and retain them for future reference.

The VMA106 is a versatile 6-channel powered mixer designed for live performances, public speaking, and various audio applications. It features an integrated Class D amplifier, wireless microphones, Bluetooth connectivity, and a USB MP3 player, all housed in a durable ABS casing.

SAFETY INSTRUCTIONS

- Ensure the power supply voltage matches the rating on the unit.
- Do not expose the unit to rain or moisture to prevent electric shock.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not open the casing; refer all servicing to qualified personnel.
- Disconnect the power cord before cleaning or if the unit will not be used for an extended period.
- Use only accessories specified by the manufacturer.

PACKAGE CONTENTS

Verify that all items are present and in good condition:

- VONYX VMA106 Powered PA Mixer
- 2x UHF Wireless Handheld Microphones
- Power Cable
- User Manual (this document)

PRODUCT OVERVIEW



Figure 1: VONYX VMA106 Powered PA Mixer in its durable ABS case, showcasing the mixer unit and the two included wireless microphones.



Figure 2: Detailed view of the VMA106 mixer's control panel, including channel faders, EQ knobs, and the integrated media player. The two wireless microphones are securely stored in their dedicated compartments within the case.

Front Panel Controls and Connections:

- **Channels 1-4 (MIC/INST):** Combo Jack/XLR inputs for microphones, instruments, or line-level signals. Each channel includes gain, high, low, pan, and FX controls.
- **Channels 5-6:** Stereo input for line-level devices.
- **Main Output:** Stereo balanced outputs for connecting to external PA speakers.
- **Media Player:** Integrated USB MP3 player and Bluetooth receiver with display and control buttons.
- **Wireless Microphone Receivers:** Built-in UHF receivers for the included wireless microphones.
- **Master Controls:** Volume controls for main output, FX send, and media player.



Figure 3: The two UHF wireless handheld microphones included with the VMA106 mixer, featuring power switches and VONYX branding.

Rear Panel Connections:



Figure 4: Rear panel of the VMA106 mixer, displaying the AC power input, main power switch, and CH1/CH2 speaker outputs. Safety warnings regarding electric shock and moisture are also visible.

- **AC IN:** Power input for the included power cable.
- **POWER Switch:** Main power on/off switch.
- **CH1/CH2 OUTPUT:** Speaker outputs for connecting passive PA speakers.

SETUP

1. **Placement:** Place the mixer on a stable, flat surface, ensuring adequate ventilation around the unit.
2. **Power Connection:** Connect the supplied power cable to the AC IN port on the rear panel and then to a suitable power outlet. Ensure the POWER switch is in the OFF position before connecting.
3. **Speaker Connection:** Connect your passive PA speakers to the CH1 OUTPUT and CH2 OUTPUT ports on the rear panel using appropriate speaker cables. Ensure correct polarity.
4. **Input Devices:**
 - **Microphones/Instruments:** Connect wired microphones or instruments to the Combo Jack/XLR inputs on Channels 1-4.
 - **Line-Level Devices:** Connect line-level sources (e.g., keyboards, media players) to Channels 1-6.
5. **Wireless Microphones:** Insert batteries into the wireless microphones. Ensure they are switched off during initial setup.
6. **Initial Power On:** Once all connections are secure, switch the POWER button to the ON position.

OPERATING INSTRUCTIONS

Basic Mixing:

1. **Channel Gain:** Adjust the GAIN knob for each input channel to achieve an optimal input level without clipping (indicated by the PEAK LED).
2. **Equalization (EQ):** Use the HIGH and LOW knobs on each channel to adjust the treble and bass frequencies.
3. **Pan:** Adjust the PAN knob to position the sound source in the stereo field.
4. **FX Send:** Use the FX knob to send a portion of the channel signal to the internal effects processor.
5. **Channel Faders:** Adjust the individual channel faders to set the volume balance between different inputs.
6. **Main Output:** Use the MAIN OUT faders to control the overall volume of the mix.

Wireless Microphones:

1. Switch on the wireless microphones using their power switches.
2. The mixer's built-in receivers will automatically pair with the microphones.
3. Adjust the volume for the wireless microphones using the dedicated volume controls (VOLUME A and VOLUME B) on the mixer.

Bluetooth Connectivity:

1. Press the MODE button on the media player until "BT" (Bluetooth) is displayed.
2. On your Bluetooth-enabled device, search for "VONYX" or a similar device name and pair with it.
3. Once paired, you can stream audio from your device to the mixer. Adjust the media player volume using its dedicated control.

USB MP3 Player:

1. Insert a USB flash drive containing MP3 audio files into the USB port on the media player.
2. The player will automatically switch to USB mode or can be selected using the MODE button.
3. Use the media player controls (Play/Pause, Next, Previous) to navigate and play tracks. Adjust the media player volume using its dedicated control.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the mixer in its durable ABS case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace batteries in the wireless microphones when their performance degrades. Dispose of used batteries responsibly.
- **Ventilation:** Ensure ventilation openings are clear of dust and debris to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; power switch off; faulty outlet.	Check power cable connection; ensure power switch is ON; test outlet with another device.
No sound from speakers	Speaker cables disconnected; main output faders down; channel faders down; speaker volume low.	Check speaker connections; raise MAIN OUT faders; raise individual channel faders; ensure speakers are powered and volume is up.
Wireless microphone not working	Microphone off; low batteries; out of range.	Switch microphone ON; replace batteries; move closer to the mixer.
Bluetooth not connecting	Mixer not in BT mode; device not searching; incorrect pairing.	Press MODE button to select BT; ensure device Bluetooth is ON and searching; re-pair the device.
USB MP3 not playing	USB drive not inserted correctly; unsupported file format; media player not in USB mode.	Re-insert USB drive; ensure files are MP3 format; press MODE button to select USB.

SPECIFICATIONS


Feature	Detail
Model Number	172.670
Brand	VONYX
Number of Channels	6
Amplifier Type	Class D (600W per channel at 8 Ohms, as per product description)
Connectivity Technology	XLR, Jack, Bluetooth, USB
Audio Input	XLR, 6.35 mm jack
Output Connector Type	XLR (for speakers)
Power Source	Electric Cable
Voltage	220 Volts
Product Dimensions (L x W x H)	25 x 39.5 x 46.5 cm
Item Weight	8.65 Kilograms
Wireless Microphones	2x UHF Handheld
Housing Material	Durable ABS

WARRANTY AND SUPPORT


Specific warranty information is typically provided at the point of purchase or on the manufacturer's official website. Please refer to your purchase documentation for details regarding warranty coverage and terms. For technical support or service inquiries, please contact your retailer or visit the official VONYX website for contact information.

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STM3030 Mixer 4 Channel, BT, MP3/Rec/LED
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[VONYX STM3030 4-Channel DJ Mixer: User Manual and Operation Guide](#)

Comprehensive instruction manual for the VONYX STM3030 4-Channel DJ Mixer. Learn about its features, operation, safety precautions, front/rear panel controls, USB/SD/BT playback, and technical specifications.

 <p>VMM201 Mixer 2CH/EQ/BT Rev. 01 - 12/2016</p> <p>INSTRUCTION MANUAL GEBRAUCHSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS</p> <p>V1.2</p>	<p>VONYX VMM201 Mixer 2CH/EQ/BT - User Manual and Specifications</p> <p>Comprehensive user manual for the VONYX VMM201 2-Channel Mixer with EQ and Bluetooth. Learn about setup, operation, safety, and technical specifications.</p>
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 <p>VXA Amplifier Series Rev. 01 - 12/2017, 12/2018, 12/2019, 12/2020, 12/2021, 12/2022</p> <p>INSTRUCTION MANUAL GEBRAUCHSANLEITUNG MANUAL DE INSTRUCCIONES MANUEL D'INSTRUCTIONS INSTRUKCJA OBSŁUGI</p> <p>V1.2</p>	<p>VONYX VXA Amplifier Series - Professional Amplifier Manual</p> <p>Comprehensive instruction manual for the VONYX VXA Amplifier Series, covering safety, front and rear panel features, installation, and technical specifications. Includes multilingual safety information translated to English.</p>

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