MCP
VAMAV®

15-inch
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LOUDSPEAKER
USER MANUAL

FTX630

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Thanks for Choosing

WHAT IS **INCLUDED?**

- 1 FTX630 Speaker
- 1 User Manual
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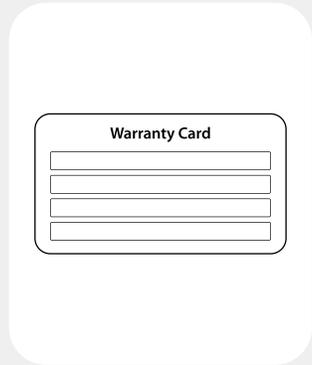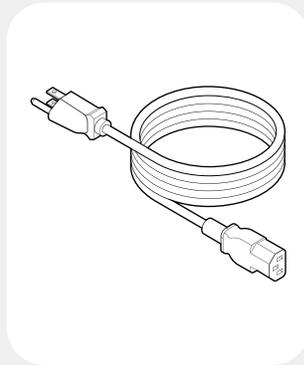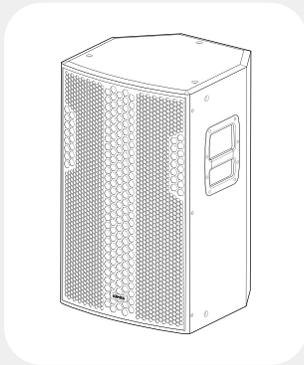
REAR PANEL **INSTRUCTIONS**
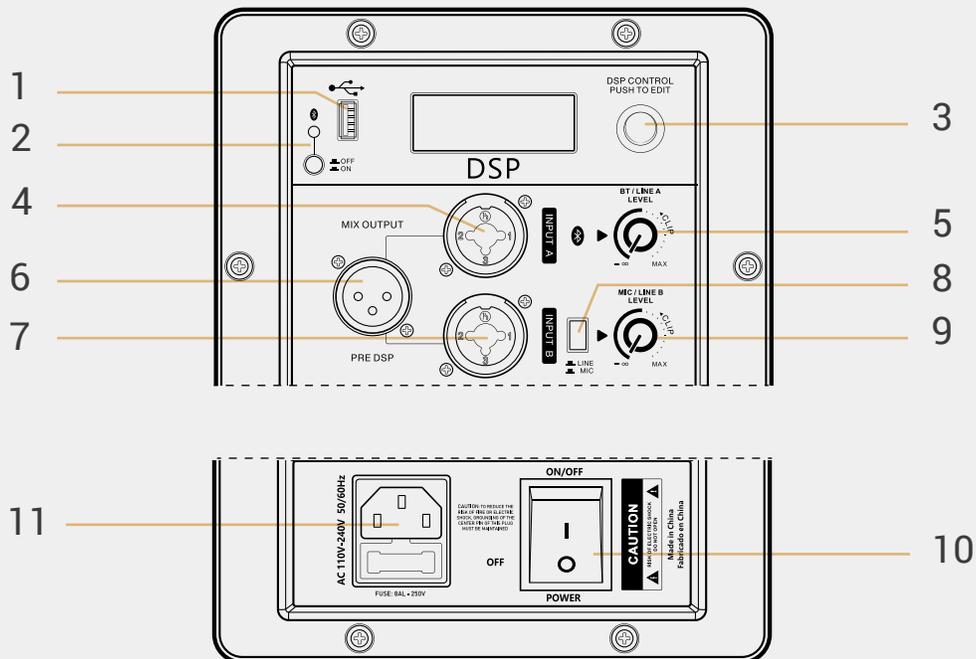
1. **DSP Port:** This port allows you to connect the unit to a computer to adjust the frequency response using Digital Signal Processing software.
2. **Bluetooth ON/OFF:** This control activates or deactivates the Bluetooth functionality. Press and hold it for 3-5 seconds until the light flashes to initiate pairing mode for connecting wireless devices.
3. **DSP Preset:** This rotary knob lets you switch between different DSP presets.
4. **LINE A:** This is a combination jack that accepts both 1/4" and XLR connectors, allowing you to connect a variety of line-level audio sources.
5. **BT/INPUT A LEVEL:** This is the volume control for Bluetooth and the LINE A channel.
6. **Link Output:** This output enables you to send the audio signal received by this unit to another active speaker, facilitating an expanded audio setup.
7 **MIC/LINE B:** This combination jack accepts both 1/4" and XLR connectors for connecting either a line-level source or a dynamic microphone.
8 **LINE/MIC:** This button toggles the sensitivity of the MIC/LINE B input between line level (for high-level signals such as keyboards or other pre-amplified signals) and microphone level (for lower-level signals such as dynamic microphones).
9 **MIC/LINE B LEVEL:** This is the volume control for the MIC/LINE B channel.
10 **Power Switch:** This switch is used to turn the power to the unit on or off. Always ensure that the volume is down before switching the unit on to avoid any potential loud noise or damage to the speakers.
11 **Power Cord Input:** Before plugging in the unit, verify that the mains voltage matches   the voltage specified on the unit's rating plate. The power cord should only be connected to a mains socket that has a protective earthing connection to ensure safety.

CONNECT YOUR **BLUETOOTH PLAYBACK DEVICE**

1. To activate the Bluetooth, press the Bluetooth button briefly. The blue light will start flashing, signaling that the speaker is in pairing mode and will attempt to reconnect with the last paired device, if any. A successful connection is confirmed by a sound prompt and the blue light turning solid.

2. To Pair a new device, first ensure that any current connection is disconnected through your device's Bluetooth settings. The speaker will play a sound prompt if the device has disconnected from the speaker.

3. To deactivate Bluetooth, press and hold the Bluetooth button until the blue light turns off.

GENERAL **SETTINGS FOR DSP**

Display Adjustments: Users can customize the brightness and contrast of the LCD display to suit their viewing preferences.

Software Version and Updates: The current software version can be viewed on the display. Updates can be applied via the USB port located next to the screen.

Factory Reset: This option resets the DSP to its original factory settings.
Caution: This will erase all user-saved settings.

The USB port located next to the LCD display is designed for settings configuration and software updates of the DSP, and should not be used for charging devices or any charge-related purposes. Misuse can lead to damage to both the speaker system and the connected device.

> Not all models have an USB port. USB cable must be purchased separately.

DSP **SETTINGS FOR LOUDSPEAKER**

⚠️ *It is recommended to use the factory presets for general purposes. Alterations to DSP settings should be done cautiously and ideally with professional guidance to avoid negatively affecting the system's performance.*

DSP Modes
• Preset modes: Normal, Jazz, Pop, Classic, Custom.

EQ Settings
• Users can fine-tune the sound by adjusting the frequency, Q (quality factor which affects the steepness of the EQ curve), and gain.

High Frequency (HF) Settings

- Typically, this setting adjusts the response of tweeters or other high-frequency drivers.
- Default values are 2150Hz to 20000Hz with a gain of 0 dB. Adjusting these settings can enhance or reduce the presence and clarity of high-frequency sounds.

Low Frequency (LF) Settings

- This setting affects the bass drivers, managing how they reproduce lower frequencies.
- Default values are 30Hz to 2000Hz with a gain of 0 dB. This can be adjusted to change the depth and impact of bass in your audio.

Limiters (H and L Limiters)

- High and low limiters protect the speakers from excessive power that might cause distortion or damage. These should generally be left as set by the factory unless specific conditions necessitate adjustments.

Mode Switching for Input B

- A dedicated button allows switching between microphone and line modes, adapting the input sensitivity and impedance for different sources.

⚠ SAFETY **PRECAUTIONS**

General Safety

1. Do not install or fly this loudspeaker unless you are qualified and adhere to all relevant safety standards.

2. Do not use solvents or cleaners based on etrochemicals to clean the loudspeaker.

3. Do not place objects that emit heat, such as lighting equipment or smoke machines, on the speaker cabinet.

4. Do not expose the loudspeaker to direct rain or standing water to prevent the risk of electrical shorts and other hazards.

5. Regularly check the connection points and electrical contacts, including those on the spacer, for signs of wear, corrosion, or damage. Address any issues promptly to maintain optimal functionality and safety.

6. Do not handle any of the system's electrical connections with wet hands or while standing in water. Ensure that both your environment and your hands are dry when manipulating the system's components.

Handling Precautions

1. Do not stack the loudspeakers unsafely as it may result in them toppling and causing injury or damage.

2. Do not use the built-in handles for rigging. They are for transportation purposes only.

Use of M20 Thread

Before using the M20 hole, ensure that the stand is placed on a level surface to prevent imbalance, which could result in equipment damage or personal injury.

Additional Safety Precautions for Auto-Amplified Devices

Electrical Integrity

*   Do not install the loudspeaker without first ensuring that the electrical output matches the speaker's requirements.

*   Always disconnect the speaker from the power supply before you start any connections.

*   Do not let the power cord become crimped or damaged. Avoid contact with other cables and always handle the power cord by the plug.

*   Do not replace the fuse with one of different specifications. Always use a fuse of the same rating and dimensions.

Handling and Installation

*   Do not use the loudspeaker's handles to hang it. Use proper rigging equipment for any overhead installations.

*   Do not lift loudspeakers heavier than 20 kg(45lb) alone. Use team lifting to prevent injuries.

*   Do not leave cables unsecured. Manage cables properly to avoid tripping hazards by securing them with tape or ties, especially across walkways.

Operational and Environmental Conditions

- Do not cover the loudspeaker with anything or place it in poorly ventilated areas to avoid overheating and potential fire risk.

- Avoid placing the loudspeaker in environments with corrosive gases or salty air, which could lead to malfunctions.

- Do not expose your ears to high sound levels for prolonged periods without protection to prevent hearing loss.

- Do not continue to use the loudspeaker if it produces distorted sound as this may lead to overheating and potentially a fire.

User Information

- Please read the user manual thoroughly before connecting or operating your new VAMAV loudspeaker, paying special attention to the sections about operational precautions and wiring.

Do not dispose of this product with household waste. The symbol on the product or its packaging indicates it should be taken to an appropriate collection point for recycling. Proper disposal helps prevent potential environmental damage and health hazards while conserving natural resources. For more detailed information about recycling this product, please contact your local city office, your household waste disposal service, or the shop where you purchased the product.

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⚠ FCC **WARNING**

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

SPECIFICATIONS

RMS Power	550W+80W
Maximum Power	1260W
Max SPL	128dB
Frequency Range	45Hz-20kHz
Driver Information	3"(woofer); 1.75"(driver)
Voltage	110v-240v 50/60Hz
Materials	MDF with Polyurea coating
Amplifier	Class D DSP
With Display	Yes
Wireless Connectivity	Yes
Product Dimension(LxWxH)	43x41x75 cm / 16.94×16.15×29.53 inches
Product Weight	26.6 kg / 58.6 lb

TROUBLESHOOTING

Problems	Solutions
The power won't turn on.	• **Check Connections:** Ensure that the power cord is securely and safely plugged into both the speaker and the power outlet. • **Power Switch:** Verify that the power switch is turned on.
No sound is produced.	• **Level Settings:** Check if the input source level knob is turned all the way down. Adjust all volume controls appropriately within the system, and ensure that the mixer is receiving a signal by observing the level meter. • **Signal Source:** Confirm that the signal source is operational. • **Cable Integrity:** Inspect all connecting cables for damage and ensure they are securely connected at both ends. The output level control on the mixer should be high enough to drive the speaker inputs. • **Mixer Settings:** Make sure the mixer is not muted or a processor loop is not engaged. If any of these settings are on, turn the level down before disengaging.

Problems	Solutions
Distorted sound or noise is present.	• **Volume Levels:** Check if the level knobs for relevant channels and/or the master level control are set too high. • **MIC/LINE Switch:** If the input signal from the source is high, setting the switch to MIC might cause distortion. Set the switch to LINE. • **External Device Volume:** Lower the volume of the connected device if it's too high.
The sound is not loud enough.	• **Volume Levels:** Confirm that the level knobs for relevant channels and/or master level are not set too low. • **MIC/LINE Switch:** If set to LINE, reduce the level control knobs to the minimum (zero), switch to MIC, and gradually increase the level. • **Device Volume:** Increase the output volume of the connected devices if too low.
Hum is heard.	• **Disconnecting Cables:** Disconnect the cable from the input jack to check if the hum stops, indicating a possible ground loop issue rather than a loudspeaker fault. • **Use Balanced Connections:** Utilize balanced connections across your system for optimal noise rejection. • **Common Grounding:** Ensure that all audio equipment is plugged into outlets with a common ground, keeping the distance as short as possible between the common ground and outlets.

TROUBLESHOOTING - **LCD DISPLAY**

Problems	Solution
The LCD screen is not bright enough or hard to read.	• Adjust the brightness and contrast settings from the system menu to improve visibility.
Incorrect settings affecting audio performance.	• Users may reset all settings to factory defaults. It is recommended to document any custom settings beforehand, as this process will erase all saved configurations.
The LCD screen appears frozen or unresponsive.	• Attempt to reboot the device to see if this resolves the issue. Continuous problems might require updating the system software. If the screen remains unresponsive, please contact technical support for further assistance.
Erratic behavior or settings changing unexpectedly.	• This issue generally requires intervention from technical support to ensure proper diagnosis and resolution. Users are encouraged to contact support if they experience this problem.

TROUBLESHOOTING - **BLUETOOTH**

Problems	Solution
Bluetooth connection issues	• Ensure Bluetooth is enabled on your device. • Make sure the speaker is in pairing mode. • Move the Bluetooth device closer to the loudspeaker. • Check for interference from other Bluetooth devices.

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