

ALTO TX408XUK

ALTO TX408 350W 8" Powered PA Speaker User Manual

Model: TX408XUK

Brand: ALTO

Introduction	Safety Information	What's in the Box	Setup	Operation	Maintenance
Troubleshooting		Specifications	Warranty & Support		

1. INTRODUCTION

The ALTO TX408 is a compact yet powerful 8-inch powered PA speaker designed for a variety of audio applications, including on-stage monitoring for bands and DJs, use in home studios, gyms, or intimate music venues. It delivers clear, robust sound with a 350W bi-amplified power system, ensuring crisp audio detail even at high volumes.

This speaker features integrated Bluetooth connectivity for cable-free audio streaming and a 2-channel mixer for versatile input options. The TX408 also supports Bluetooth True Wireless Stereo (TWS) linking, allowing two units to operate as a stereo pair without additional cables.



Figure 1.1: The ALTO TX408 8-inch Powered PA Speaker, showcasing its compact design and front grille.

Key Features:

- **350W Bi-Amplified Power:** Delivers pristine and powerful sound for various environments.
- **Bluetooth Connectivity:** Seamless audio streaming from compatible devices.
- **2-Channel Mixer:** Accommodates microphone, line-level, and Bluetooth inputs.
- **True Wireless Stereo (TWS):** Link two TX408 units for a stereo sound experience without cables.
- **Contour EQ:** Optimized sound profile for music playback applications.

- **Rugged Construction:** Full metal grille and sturdy enclosure for durability and portability.
- **Integrated Pole Socket:** Standard 36mm pole socket for flexible mounting options.

2. IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before operating the ALTO TX408 speaker. Keep this manual for future reference. Adhere to all warnings and follow all instructions to ensure safe operation and prevent damage to the unit or injury.

- **Water and Moisture:** Do not use this apparatus near water.
- **Cleaning:** Clean only with a dry cloth.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Power Cord Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Attachments/Accessories:** Only use attachments/accessories specified by the manufacturer.
- **Mounting:** Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- **Lightning:** Unplug this apparatus during lightning storms or when unused for long periods of time.
- **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- **Hearing Protection:** Permanent hearing loss may occur from exposure to extremely high noise levels. Use ear protection when operating at high volumes.

3. WHAT'S IN THE Box

Ensure all items listed below are present in your package. If any items are missing or damaged, please contact your retailer or ALTO Professional directly.

- TX408 Series Speaker
- Power Cable (6 ft. / 183 cm)
- Quickstart Guide
- Safety & Warranty Manual

4. SETUP

4.1 Placement

The TX408 speaker can be placed on a flat surface, used as a floor monitor, or mounted on a standard 36mm speaker pole. Ensure the speaker is placed on a stable surface or securely mounted to prevent accidental falls.

CUSTOM SOUND, YOUR WAY



**CONTOUR EQ
FOR MUSIC-PLAYBACK
APPLICATIONS**



**TRUE WIRELESS
SPEAKER LINKING
STEREO SOUND**



**TRUE WIRELESS STREAMING
ANY DEVICE | ANY APP**



Figure 4.1: The TX408 speaker mounted on a standard 36mm pole, demonstrating its versatile placement options.

4.2 Power Connection

1. Ensure the TX408's power switch is in the OFF position.
2. Connect the included power cable to the power input on the rear panel of the speaker.
3. Plug the other end of the power cable into a grounded power outlet.

4.3 Audio Connections

The TX408 features a 2-channel mixer allowing for various audio input sources.

- **Microphone/Line Input (CH1/CH2):** Connect microphones or line-level devices (e.g., mixers, instruments) to the XLR/TRS combo inputs. Use the corresponding volume knob to adjust the input level.
- **Mix Output:** Use the XLR Mix Output to send the combined audio signal from CH1 and CH2 to another speaker or audio device.

5. OPERATION

5.1 Powering On/Off

1. Before powering on, ensure all volume knobs are set to their minimum position.
2. Flip the Power Switch on the rear panel to the ON position. The power LED will illuminate.
3. To power off, set the power switch to the OFF position.

5.2 Volume Control

Adjust the individual volume knobs for CH1 and CH2 to set the desired level for each input. The SIG/LIMIT LED will indicate signal presence (green) and clipping (red). Adjust the volume to avoid constant red illumination.

5.3 Bluetooth Pairing

1. Ensure your Bluetooth device is within range and has Bluetooth enabled.
2. Press the Bluetooth/TWS button on the TX408's rear panel. The Bluetooth LED will flash, indicating it is in pairing mode.
3. On your Bluetooth device, select 'ALTO TX408' from the list of available devices.
4. Once paired, the Bluetooth LED on the TX408 will glow solid blue.

5.4 Contour EQ

The Contour EQ switch provides a pre-set equalization curve designed to enhance music playback, offering a fuller sound. Engage this switch for applications where a boosted low-end and crisp high-end are desired.

6. REAR PANEL FEATURES





Figure 6.1: Overview of the TX408 rear panel, including inputs, outputs, and controls.



Figure 6.2: Detailed view of the TX408 mixer section, showing volume controls, Bluetooth/TWS button, and input/output jacks.

1. **SIG/LIMIT LED:** Illuminates green when a signal is present. Illuminates red when the signal is clipping; reduce the input level to prevent distortion.
2. **Volume Knobs (CH1/CH2):** Adjusts the input level for the respective channel.
3. **Bluetooth/TWS Button:** Press to enter Bluetooth pairing mode. Press and hold to initiate True Wireless Stereo (TWS) linking.
4. **CH1/CH2 Inputs:** XLR/TRS combo inputs for connecting microphones or line-level audio sources.
5. **Mix Output:** XLR output to send the mixed audio signal to another powered speaker or audio device.
6. **Contour EQ Switch:** Engages a pre-set EQ curve for enhanced music playback.
7. **Ground Lift Switch:** Helps eliminate hum or buzz caused by ground loops.
8. **Power Switch:** Turns the speaker on or off.
9. **Power Input:** Connect the included power cable here.

7. TRUE WIRELESS STEREO (TWS) LINKING

The TX408 supports TWS linking, allowing two TX408 speakers to connect wirelessly and function as a stereo pair. This feature requires two TX408 units.

1. Ensure both TX408 speakers are powered on and not currently paired with any Bluetooth device.
2. On one TX408 (this will be your primary speaker), press and hold the Bluetooth/TWS button for

- approximately 3 seconds until the Bluetooth LED starts flashing rapidly.
3. Repeat step 2 on the second TX408 (this will be your secondary speaker).
 4. The speakers will automatically search for each other and link. Once linked, the Bluetooth LED on both speakers will glow solid blue. The primary speaker will play the left channel, and the secondary speaker will play the right channel.
 5. Now, pair your Bluetooth audio source device to the primary TX408 speaker as described in Section 5.3.

To disconnect TWS, press the Bluetooth/TWS button on either speaker. Both speakers will revert to individual Bluetooth pairing mode.

8. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ALTO TX408 speaker.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use solvents, abrasive cleaners, or any liquids that could seep into the internal components.
- **Storage:** When not in use for extended periods, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure that the speaker's ventilation openings are clear and unobstructed during operation to prevent overheating.
- **Cable Care:** Regularly inspect power and audio cables for any signs of damage. Replace frayed or damaged cables immediately.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your TX408 speaker. If the problem persists after trying these solutions, please contact ALTO Professional support.

Problem	Possible Solution
No Power	<ul style="list-style-type: none">◦ Ensure the power cable is securely connected to the speaker and a live power outlet.◦ Verify the power outlet is functioning by plugging in another device.◦ Check the power switch on the rear panel is in the ON position.
No Sound Output	<ul style="list-style-type: none">◦ Check that the volume knobs for the active channels are turned up.◦ Ensure the audio source is sending a signal and its volume is adequate.◦ Verify all audio cables are correctly connected and not damaged.◦ If using Bluetooth, ensure the device is paired and playing audio.◦ If using TWS, ensure both speakers are linked and the audio source is paired to the primary speaker.

Problem	Possible Solution
Distorted Sound	<ul style="list-style-type: none"> ◦ Reduce the volume level of the input source or the TX408's channel volume. ◦ If the SIG/LIMIT LED is constantly red, the signal is too hot. Reduce the input gain. ◦ Check for damaged audio cables.
Bluetooth Pairing Issues	<ul style="list-style-type: none"> ◦ Ensure the TX408 is in pairing mode (Bluetooth LED flashing). ◦ Disable and re-enable Bluetooth on your source device. ◦ Move your source device closer to the speaker. ◦ If previously paired, try 'forgetting' the device on your source and re-pairing.
Hum or Buzz	<ul style="list-style-type: none"> ◦ Engage the Ground Lift switch on the rear panel. ◦ Try plugging the speaker and connected audio devices into the same power circuit. ◦ Use balanced XLR cables for longer runs.

10. TECHNICAL SPECIFICATIONS

Below are the detailed technical specifications for the ALTO TX408 Powered PA Speaker.

WORRY LESS, PLAY MORE

- ▶ HORN COVERAGE - 90° X 60°
WIDE-DISPERSION HORMS
- ▶ MIX OUTPUT - FOR LINKING
MULTIPLE SPEAKERS
- ▶ 36 MM STANDARD SPEAKER
POLE SOCKET



Figure 10.1: The TX408 speaker illustrating its physical dimensions and weight.

Feature	Detail
Model Name	TX408
Item Model Number	TX408XUK
Brand	ALTO
Speaker Type	Monitor
Speaker Size	8 Inches
Woofer Diameter	8 Inches
Tweeter Diameter	1 Inches
Speaker Maximum Output Power	350 Watts

Feature	Detail
Frequency Response	20 KHz (Upper limit, typical for full-range speakers)
Connectivity Technology	Bluetooth
Bluetooth Version	5.0
Audio Output Mode	Mono (Stereo with TWS linking)
Mounting Type	Floor Standing
Product Dimensions (D x W x H)	9.96"D x 10.62"W x 16.61"H
Item Weight	12.98 pounds (5.9 Kilograms)
Power Source	Corded Electric
Included Components	TX408 Series Speaker, Power Cable (6 ft. / 183 cm), Quickstart Guide, Safety & Warranty Manual
UPC	816311012287

11. WARRANTY AND SUPPORT

11.1 Warranty Information

The ALTO TX408 speaker comes with a limited warranty. Please refer to the included Safety & Warranty Manual for detailed terms and conditions, including warranty duration and coverage.

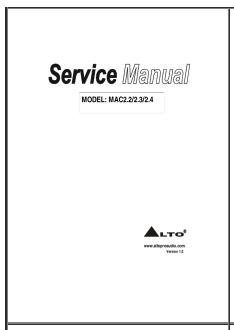
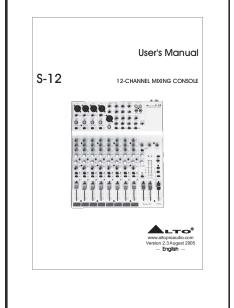
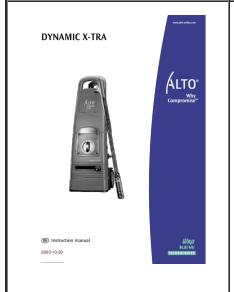
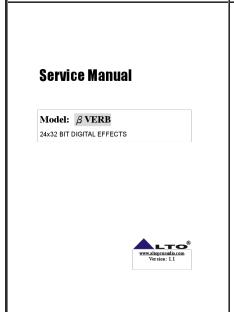
11.2 Customer Support

For technical support, service, or warranty inquiries, please visit the official ALTO Professional website or contact their customer service department. Contact details can typically be found in the Safety & Warranty Manual or on the ALTO Professional website.

12. PRODUCT VIDEOS

No official product videos from the seller are available for embedding in this manual.

Related Documents

	<p><u>Alto MAC2.2/2.3/2.4 Service Manual - Technical Specifications & Diagrams</u></p> <p>Comprehensive service manual for Alto MAC2.2, MAC2.3, and MAC2.4 stereo amplifiers, including specifications, schematics, wiring diagrams, and test procedures.</p>
	<p><u>Alto S-12 12-Channel Mixing Console User Manual</u></p> <p>This user manual provides comprehensive details on the Alto S-12 12-Channel Mixing Console, covering safety information, features, control elements, installation, wiring, technical specifications, and warranty.</p>
	<p><u>ALTO DYNAMIC X-TRA High Pressure Washer Instruction Manual</u></p> <p>Comprehensive instruction manual for the ALTO DYNAMIC X-TRA high pressure washer, covering operation, maintenance, troubleshooting, and warranty.</p>
	<p><u>Alto Beta Verb Service Manual: Comprehensive Guide</u></p> <p>Detailed service manual for the Alto Beta Verb 24x32 Bit Digital Effects processor, including specifications, block diagrams, schematics, and parts lists.</p>