

ALTO TS108C

ALTO TS108C 600W Powered Column Array PA Speaker System User Manual

Model: TS108C

INTRODUCTION

The ALTO TS108C is a compact, all-in-one column array PA speaker system designed for clear, room-filling sound. This system integrates an elevated line array, a built-in subwoofer, a three-channel digital mixer with reverb, and Bluetooth streaming capabilities. It is suitable for solo musicians, event DJs, and various venues requiring high-performance audio in a portable format.





Image: The ALTO TS108C speaker system, consisting of the subwoofer base, column array, and a branded carrying bag for the column components.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- TS108C Base Subwoofer
- 3x Columnar Array Attachments
- Shoulder Column Carry Bag
- 1.5M (4.9 ft.) Power Cable
- Quickstart Guide
- Safety & Warranty Manual

SETUP INSTRUCTIONS

1. Assembly

1. Place the TS108C Base Subwoofer on a stable, flat surface.

2. Carefully connect the three columnar array attachments to form the full column. Ensure each section clicks securely into place.
3. Insert the assembled column array into the designated slot on top of the subwoofer base.

2. Power Connection

- Connect the provided power cable to the AC input on the rear panel of the subwoofer.
- Plug the other end of the power cable into a grounded electrical outlet.
- Ensure the voltage selector switch (if present) is set to the correct voltage for your region (e.g., 115V or 230V).

3. Initial Connections

The TS108C features a 3-channel digital mixer. Refer to the rear panel diagram for input locations.

BUILT TO LAST. MADE TO MOVE.

DURABLE, TRAVEL-READY, AND COMPLETE
WITH A SUB HANDLE AND A COLUMN
CARRYING BAG



SUB: 19.5" x 12.5" x 15.6"

COLUMN: 18.6" x 3.4" x 3.8"
(per piece, x3)



WEIGHT: 35.1LBS

Image: Close-up of the TS108C rear panel, highlighting the input channels (Ch 1, Ch 2) with XLR/TRS combo jacks, BT/AUX input, and MIX OUTPUT XLR connector.

- **Channel 1 & 2:** Use XLR or 1/4" TRS cables to connect microphones, instruments, or line-level devices.
- **BT/AUX:** For Bluetooth audio streaming or connecting external devices via a 1/8" (3.5mm) auxiliary cable.
- **Mix Output:** Use an XLR cable to link to another TS108C unit or an external PA system.

OPERATING INSTRUCTIONS

1. Powering On

After all connections are made, press the power switch located on the rear panel to turn on the unit. The power indicator light will illuminate.

2. Mixer Controls

Each input channel (Ch 1, Ch 2) features:

- **Gain Knob:** Adjusts the input level for the connected device. Start with the gain low and gradually increase.
- **Reverb Knob:** Controls the amount of reverb effect applied to the channel.
- **EQ Knobs (High/Low):** Adjusts the treble and bass frequencies for tone shaping.
- **Clip LED:** Indicates when the input signal is too high. Reduce the gain if this LED illuminates consistently.

3. Bluetooth Pairing

SMART CONTROL, SEAMLESS FLEXIBILITY

ENSURING COMPLETE CONVENIENCE
FOR SOLO/DUO/SMALL-ENSEMBLE
PERFORMANCES

- ▶ **2-BAND CHANNEL EQ WITH REVERB**
SHAPE YOUR SOURCE AUDIO
- ▶ **4 INSTANT DSP SPEAKER USE MODES**
NORMAL, LIVE, DJ, CUSTOM
- ▶ **BALANCED XLR MIX OUTPUT**
TO LINK TO ANOTHER SPEAKER

Image: A smartphone screen showing a music player interface, with a Bluetooth symbol indicating a wireless connection to the ALTO TS108C speaker system.

1. Press the **PAIR** button on the rear panel of the TS108C. The Bluetooth indicator will flash.
2. On your Bluetooth-enabled device (smartphone, tablet, etc.), navigate to the Bluetooth settings.
3. Select "ALTO TS108C" from the list of available devices.
4. Once paired, the Bluetooth indicator on the TS108C will glow solid.
5. Adjust the BT/AUX gain knob to control the volume of the Bluetooth audio.

4. DSP Speaker Modes

The TS108C offers four application-specific DSP modes to optimize sound for different scenarios:

- **Normal:** Standard flat frequency response.

- **Live:** Optimized for live music performances.
- **DJ:** Enhanced bass and treble for DJ applications.
- **Custom:** Allows for user-defined EQ settings via the Alto Pro App.

Select the desired mode using the dedicated button on the rear panel or through the Alto Pro App.

5. Alto Pro App Control

DIAL IN YOUR SOUND
WITH THE ALTO PRO APP

GET FULL WIRELESS CONTROL OVER YOUR MIXER AND SPEAKER FUNCTIONS

*AVAILABLE FOR IOS AND ANDROID

Image: Two smartphones displaying the Alto Pro App, illustrating the user interface for wireless control over mixer settings, EQ, and speaker modes.

The Alto Pro App (available for iOS and Android) provides wireless control over the TS108C's mixer and speaker functions. This includes:

- Changing DSP Speaker Use modes.

- Customizing EQ settings.
- Adjusting volume and EQ for each channel.
- And more.

Download the app from your device's app store and connect via Bluetooth for full control.

MAINTENANCE

1. Cleaning

- Always disconnect the power cable before cleaning.
- Use a soft, dry cloth to wipe down the exterior surfaces.
- Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish.
- For grilles, use a soft brush or vacuum cleaner with a brush attachment to remove dust.

2. Storage and Transport



Image: A person carefully disassembling the column array sections and placing them into the provided carrying bag, demonstrating the portability of the system.

- When not in use, store the TS108C in a cool, dry environment, away from direct sunlight and extreme temperatures.
- For transport, disassemble the column array and store it in the provided carrying bag.
- The subwoofer features a built-in handle for easy lifting and carrying.
- Protect the unit from impacts and excessive vibrations during transport.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none">• Power cable disconnected• Unit not powered on• Input gain too low• Source device not playing or volume too low• Incorrect input selected (e.g., trying to play Bluetooth on a wired channel)	<ul style="list-style-type: none">• Check power cable connection and outlet.• Ensure power switch is ON.• Increase gain knobs for active channels.• Verify source device is playing and its volume is up.• Ensure correct input is active or Bluetooth is paired.
Distorted sound	<ul style="list-style-type: none">• Input gain too high (clipping)• Source device output too high• Damaged cable	<ul style="list-style-type: none">• Reduce input gain until the Clip LED no longer illuminates consistently.• Lower the output volume of the source device.• Try a different cable.
Bluetooth not connecting	<ul style="list-style-type: none">• Not in pairing mode• Device too far from speaker• Interference	<ul style="list-style-type: none">• Press the PAIR button on the TS108C.• Move your device closer to the speaker (within 100 feet).• Turn off other Bluetooth devices or move away from Wi-Fi routers.
Static or humming noise	<ul style="list-style-type: none">• Ground loop issue• Poor quality cables• Interference from other electronics	<ul style="list-style-type: none">• Ensure all equipment is plugged into the same electrical circuit.• Use high-quality, shielded cables.• Move the speaker away from other electronic devices.• Note: A slight electrical noise may be present in very quiet environments, which is normal for some powered speakers.

SPECIFICATIONS

Feature	Detail
Model Name	TS108C
Speaker Type	Tower, Column Array PA System
Speaker Maximum Output Power	600 Watts
Woofer Diameter	8 Inches
Tweeter Diameter	2.75 Inches (x6 in column array)
Frequency Response	20 Hz - 20 KHz (full range, typical)
Connectivity Technology	(2) XLR/TRS 1/4" (6.35 mm) Combo Input, Bluetooth, XLR Output
Bluetooth Version	5.0

Feature	Detail
Bluetooth Range	100 Feet
Control Method	App, Push Button
Product Dimensions (assembled)	12.4"D x 15.9"W x 73.2"H
Item Weight	35 pounds (15.9 Kilograms)
Material	Metal, Plastic
Included Components	TS108C Base Subwoofer, 3x Columnar Array Attachments, Carrying Bag, Power Cable, Quickstart Guide, Safety & Warranty Manual

WARRANTY INFORMATION

The ALTO TS108C is covered by a **Limited Warranty**. For specific terms, conditions, and duration of the warranty, please refer to the included Safety & Warranty Manual or visit the official ALTO website. Keep your proof of purchase for warranty claims.

SUPPORT


For further assistance, technical support, or to download the latest version of the Alto Pro App, please visit the official ALTO Professional website:


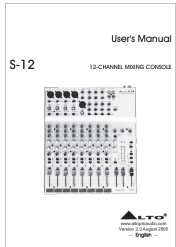


www.altoproaudio.com

You may also contact ALTO customer service directly for support inquiries.

Note: No official product videos were provided in the product data for embedding in this manual.

Related Documents - TS108C

	<p>Manuale Operativo Mixer ALTO S-8: Guida Completa a 8 Canali</p> <p>Esplora il manuale operativo del mixer ALTO S-8. Scopri installazione, connessioni, controlli, caratteristiche tecniche e specifiche per ottimizzare l'uso del tuo mixer audio professionale a 8 canali.</p>
	<p>Alto MAC2.2/2.3/2.4 Service Manual - Technical Specifications & Diagrams</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>Service Manual MODEL: CYCLONE160/240/320</p> <p>ALTO audio technology</p>	<p>Alto CYCLONE Series Service Manual: CYCLONE160/240/320</p> <p>Official service manual for the Alto CYCLONE series audio mixers (CYCLONE160, CYCLONE240, CYCLONE320), detailing specifications, diagrams, and parts for repair and maintenance.</p>
 <p>User's Manual S-12 12 CHANNEL MIXING CONSOLE</p> <p>ALTO audio technology</p>	<p>Alto S-12 12-Channel Mixing Console User Manual</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>ALTO TS112C</p>	<p>Alto TS112C Portable Columnar Array Loudspeaker Quickstart Guide</p> <p>A quickstart guide for the Alto TS112C Portable Columnar Array Loudspeaker, covering setup, power input, features, and operation in multiple languages.</p>
 <p>Service Manual Model: aMICTUBE STEREO TUBE PREAMP</p> <p>ALTO audio technology</p>	<p>Alto aMICTUBE Stereo Tube Preamp Service Manual</p> <p>Detailed service manual for the Alto aMICTUBE Stereo Tube Preamp, featuring specifications, block diagrams, schematic diagrams, PCB layouts, wiring diagrams, test procedures, electrical parts lists, and exploded views for maintenance and repair.</p>