

## ALTO TS112C

# ALTO TS112C Powered Column Array PA Speaker System User Manual

*Model: TS112C*

## INTRODUCTION

The ALTO TS112C is a powerful, all-in-one column array PA speaker system designed for high-output, room-filling sound. This manual provides essential information for the proper setup, operation, and maintenance of your TS112C system.

The system integrates a 12-inch subwoofer, a five-channel digital mixer with reverb, and Bluetooth streaming capabilities, making it suitable for various applications including live performances, DJ events, fitness classes, and venue sound reinforcement.

## WHAT'S IN THE BOX

Verify that all listed components are included in your package:

- TS112C Base Subwoofer
- 2x Columnar Array Attachments
- Carrying Bag for Column Array
- Power Cable (1.5M / 4.9ft)
- Quickstart Guide
- Safety & Warranty Manual



*Image: The ALTO TS112C system showing the subwoofer base, two column array sections, and the included carrying bag.*

## SETUP INSTRUCTIONS

1. **Placement:** Position the TS112C base subwoofer on a stable, flat surface. Ensure adequate ventilation around the unit.
2. **Assemble Column Array:** Carefully connect the two columnar array attachments to each other, then securely insert the assembled column into the designated slot on top of the subwoofer base. Ensure a firm connection.



*Image: A person assembling the column array by inserting it into the subwoofer base.*

3. **Power Connection:** Connect the provided power cable to the AC input on the rear panel of the subwoofer, then plug it into a grounded power outlet. The system is designed for AC power only.
4. **Initial Power On:** Before powering on, ensure all volume controls on the mixer are set to their minimum position. Press the power button to turn on the unit. The power indicator light will illuminate.

## OPERATING INSTRUCTIONS

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### 5-Channel Digital Mixer Overview

The TS112C features a built-in 5-channel digital mixer with various inputs and controls for audio sources.

# PLUG IN, POWER UP, AND PLAY

READY TO PROVIDE HIGH-PERFORMANCE  
MASSIVE SOUND FROM WALL TO WALL,  
EXACTLY AS IT'S MEANT TO BE HEARD



Image: Close-up of the ALTO TS112C rear panel showing the 5-channel digital mixer with various input and control knobs.

- **Channels 1-3:** Feature dual XLR/TRS 1/4" combo inputs for microphones or line-level instruments. Each channel includes EQ, Reverb, and Gain controls.
- **Channel 4:** Dedicated for Bluetooth/Aux input, with Gain control.
- **Channel EQ:** Global EQ section with High and Low band controls to adjust the overall tone.
- **Speaker Use Modes:** Selectable DSP presets (Normal, Live, DJ, Custom) optimize the sound for different applications.
- **Mix Output:** Balanced XLR output for linking to another speaker system.

## Connecting Audio Sources

1. **Microphones/Instruments:** Connect microphones or line-level instruments to Channels 1-3 using XLR or 1/4" TRS cables. Adjust the respective Gain, EQ, and Reverb controls as needed.
2. **Bluetooth Streaming:**
  - Activate Bluetooth on your mobile device.
  - Press the Bluetooth button on Channel 4 of the TS112C mixer. The Bluetooth indicator will flash.
  - Select "ALTO TS112C" from your device's Bluetooth settings. The indicator will turn solid blue when connected.
  - Adjust the Gain for Channel 4 and the master volume to control the Bluetooth audio level.
  - For wireless stereo linking (TWS), refer to the full manual for detailed instructions on pairing two TS112C units.



# MODIFY YOUR SOUND WIRELESSLY

FOR CONVENIENT, UNINTERRUPTED FLOW



► **BLUETOOTH STREAMING  
FROM ANY DEVICE**

► **TWS WIRELESS STEREO  
SPEAKER LINKING**

*Image: A smartphone displaying music playback, wirelessly connected via Bluetooth to the ALTO TS112C speaker system.*

### 3. App Control (Alto Pro App):

- Download the Alto Pro App from your device's app store (available for iOS and Android).
- Connect your device to the TS112C via Bluetooth as described above.
- Open the Alto Pro App to access wireless control over the mixer's functions, including EQ, reverb, and speaker use modes.



# 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 interface, demonstrating wireless control over the ALTO TS112C speaker system's settings.*

### Volume Adjustment

Gradually increase the Gain controls for active channels and the master volume until the desired sound level is achieved. Monitor the clip indicators to avoid distortion.

### MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the speaker. Avoid using abrasive cleaners, solvents, or harsh chemicals.

- **Storage:** When not in use, store the TS112C in a dry, dust-free environment. Utilize the provided carrying bag for the column array during transport and storage to protect it from damage.
- **Ventilation:** Ensure that the ventilation openings on the subwoofer are not blocked to prevent overheating.
- **Cable Management:** Regularly inspect power and audio cables for any signs of wear or damage. Replace damaged cables immediately.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cable not connected; Power outlet not active; Power switch off.	Ensure power cable is securely connected. Check power outlet with another device. Verify power switch is in the ON position.
No Sound Output	Volume controls too low; Input source not connected or active; Incorrect input selection; Damaged cables.	Increase channel gain and master volume. Check input source connection and ensure it's active. Verify correct input channel is selected. Test with different cables.
Distorted Sound	Input gain too high; Master volume too high; Speaker overloaded.	Reduce input gain for the specific channel. Lower master volume. Ensure clip indicators are not constantly lit.
Bluetooth Connection Issues	Device out of range; Bluetooth not enabled on device; Interference.	Ensure device is within range (approx. 30 ft). Verify Bluetooth is enabled on your device and "ALTO TS112C" is selected. Move away from other wireless devices.

## SPECIFICATIONS

Feature	Detail
Model Number	TS112C
Power Output	1200W Peak
Subwoofer Size	12 inches
Column Array	8 x 2.75-inch drivers
Mixer Channels	5 (3x XLR/TRS Combo, 1x Bluetooth/Aux)
Connectivity	XLR/TRS 1/4" (6.35 mm) Combo Input, Bluetooth, Stereo 1/4" (6.35 mm) TRS, XLR Output
Frequency Response	Up to 20 KHz
Impedance	4 Ohms
Dimensions (L x W x H)	16.3 x 18.6 x 78.8 inches
Item Weight	53 pounds (24.1 Kilograms)
Power Source	Corded Electric
Manufacturer	inMusic Brands Inc.



Feature	Detail
UPC	816311012379

## OFFICIAL PRODUCT VIDEO

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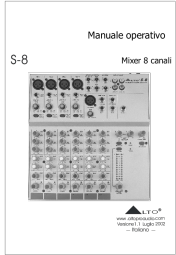

*Video: An official promotional video for the ALTO TS112C, showcasing its features and design. This video is provided by inMusic Brands Inc.*




## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the Safety & Warranty Manual included with your product. You may also visit the official ALTO Professional website or contact their customer support directly.  
Manufacturer: inMusic Brands Inc.

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### Related Documents - TS112C

	<p><a href="#">Alto TS112C Portable Columnar Array Loudspeaker Quickstart Guide</a></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><a href="#">Manuale Operativo Mixer ALTO S-8: Guida Completa a 8 Canali</a></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><a href="#">Alto CYCLONE Series Service Manual: CYCLONE160/240/320</a></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>Service Manual MODEL: MAC2.2/2.3/2.4</p> <p>ALTO AUDIO RESEARCH CORPORATION Newark, NJ</p>	<p><a href="#">Alto MAC2.2/2.3/2.4 Service Manual - Technical Specifications &amp; Diagrams</a></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: aMICTUBE STEREO TUBE PREAMP</p> <p>ALTO AUDIO RESEARCH CORPORATION Newark, NJ</p>	<p><a href="#">Alto aMICTUBE Stereo Tube Preamp Service Manual</a></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>
 <p>User's Manual S-12 12-CHANNEL MIXING CONSOLE</p> <p>ALTO AUDIO RESEARCH CORPORATION Newark, NJ</p>	<p><a href="#">Alto S-12 12-Channel Mixing Console User Manual</a></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>