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## Citronic CUBA-10

# Citronic CUBA-10 Passive Speaker Cabinet Instruction Manual

**Model: CUBA-10**

**Brand: Citronic**

## Introduction

Thank you for choosing the Citronic CUBA-10 Passive Speaker Cabinet. This manual provides essential information for the safe and optimal use of your new speaker. Please read these instructions thoroughly before operation and retain them for future reference.

The CUBA-10 is a high-performance passive speaker designed for professional sound reinforcement, featuring a durable wooden cabinet, custom-designed drivers, and versatile mounting options.

## Safety Instructions

- **Electrical Safety:** Ensure all connections are made correctly and securely before connecting to an amplifier. Use appropriate speaker cables. Do not expose the speaker to rain or moisture.
- **Placement:** Place the speaker on a stable, level surface or mount it securely using compatible hardware. Ensure adequate ventilation around the speaker to prevent overheating.
- **Hearing Protection:** This speaker is capable of producing high sound pressure levels. Prolonged exposure to high volume can cause permanent hearing damage. Use hearing protection when operating at high volumes.
- **Overloading:** Avoid driving the speaker with excessive power or distorted signals, as this can cause damage to the drivers.
- **Servicing:** Do not attempt to service the speaker yourself. Refer all servicing to qualified personnel.

## Features

- Durable wooden cabinet with resistant polyurethane coating.
- Powder-coated steel grille for driver protection.
- Custom-designed high-power low-frequency (LF) and high-frequency (HF) drivers.
- Tuned enclosure for balanced frequency response.
- Two parallel Speakon inputs for flexible connectivity and daisy-chaining.

- Integrated 35mm pole mount socket for stand mounting.
- Multiple M8 fly points for suspended installation.
- Two side handles for easy transport.
- Two different bevels on the rear for angled floor placement (monitor use).

## Setup

### 1. Unpacking and Inspection

Carefully remove the speaker from its packaging. Inspect the unit for any signs of damage that may have occurred during transit. If damage is found, contact your retailer immediately.

### 2. Placement

The CUBA-10 can be used in several configurations:

- **Stand Mounting:** Insert the speaker onto a standard 35mm speaker pole. Ensure the stand is stable and rated for the speaker's weight.
- **Floor Placement:** The speaker can be placed directly on the floor. Use the integrated bevels on the rear for angled monitor use.
- **Suspended Installation:** Utilize the M8 fly points for secure overhead suspension. This should only be performed by qualified personnel using appropriate rigging hardware.






*Image: Angled floor placement and pole mount socket.*

### 3. Connections

Connect the CUBA-10 to a suitable power amplifier using high-quality Speakon cables. The speaker features two parallel Speakon inputs (PIN 1+/1- IN/THRU) allowing for easy daisy-chaining to additional speakers. Ensure the amplifier's output power and impedance match the speaker's specifications.




*Image: Rear panel with Speakon connections.*

## Operating

### 1. Powering On

Before powering on your amplifier, double-check all connections to ensure they are secure. Start with the amplifier's volume at its minimum setting. Power on your mixer/source first, then your amplifier. Gradually increase the amplifier's volume to the desired listening level.

### 2. Volume Control

Adjust the overall volume from your amplifier or mixing console. Monitor the amplifier's clip indicators. If the clip light illuminates frequently or stays on, reduce the volume immediately to prevent damage to the speaker and amplifier.

### 3. Powering Off

When finished, first turn down the amplifier's volume to minimum, then power off the amplifier, followed by your mixer/source equipment.

## Maintenance

- **Cleaning:** Clean the speaker cabinet with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or waxes, as these can damage the finish.
- **Storage:** When not in use for extended periods, store the speaker in a dry, temperate environment, ideally in its original packaging or a protective cover.
- **Inspection:** Periodically inspect all cables and connections for signs of wear, fraying, or damage. Replace any damaged components immediately.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| No sound from speaker | Amplifier not powered on<br>Incorrect or loose cable connection<br>Faulty speaker cable<br>Amplifier input/output issues | Ensure amplifier is powered on and volume is up.<br>Check all Speakon connections at both the speaker and amplifier.<br>Test with a known good speaker cable.<br>Verify amplifier is functioning correctly with another speaker. |
| Distorted sound | Amplifier clipping (overdriven)<br>Input signal too high<br>Damaged speaker driver | Reduce amplifier volume until clip indicator stops flashing.<br>Lower the input level from your mixer/source.<br>If distortion persists at low volumes, contact service. |
| Low output volume | Amplifier volume too low<br>Incorrect impedance matching<br>Partial cable fault | Increase amplifier volume.<br>Ensure amplifier impedance matches speaker impedance.<br>Check speaker cable for damage or poor connections. |

## Specifications

| Feature | Detail |
|---|---|
| Model Name | CUBA-10 |
| Speaker Type | Passive Speaker Cabinet |
| Power Handling (RMS) | 270 W |
| Power Handling (Max) | 540 W |
| Frequency Response | 60 Hz to 20 kHz |
| Sensitivity (1W/1m) | 95 dB |
| Max. SPL | 122.5 dB |
| Main Driver | 250 mm (10 inch) diameter, 50 mm voice coil |
| HF Driver | 35 mm diameter Ti compression driver |
| Inputs | 2 x Parallel Speakon sockets |
| Pole Mount | 35 mm socket |
| Fly Points | M8 |
| Construction | MDF cabinet with polyurethane coating, powder-coated steel grille |
| Dimensions (H x W x D) | 507 x 313 x 307 mm |
| Weight | 12.5 kg |

## Warranty and Support

For warranty information, please refer to the terms and conditions provided by your retailer at the time of purchase. Keep

your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance beyond this manual, or spare parts, please contact your authorized Citronic retailer or visit the official Citronic website for further assistance.

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