



# G4M CP-C6 Modular Column PA System User Manual

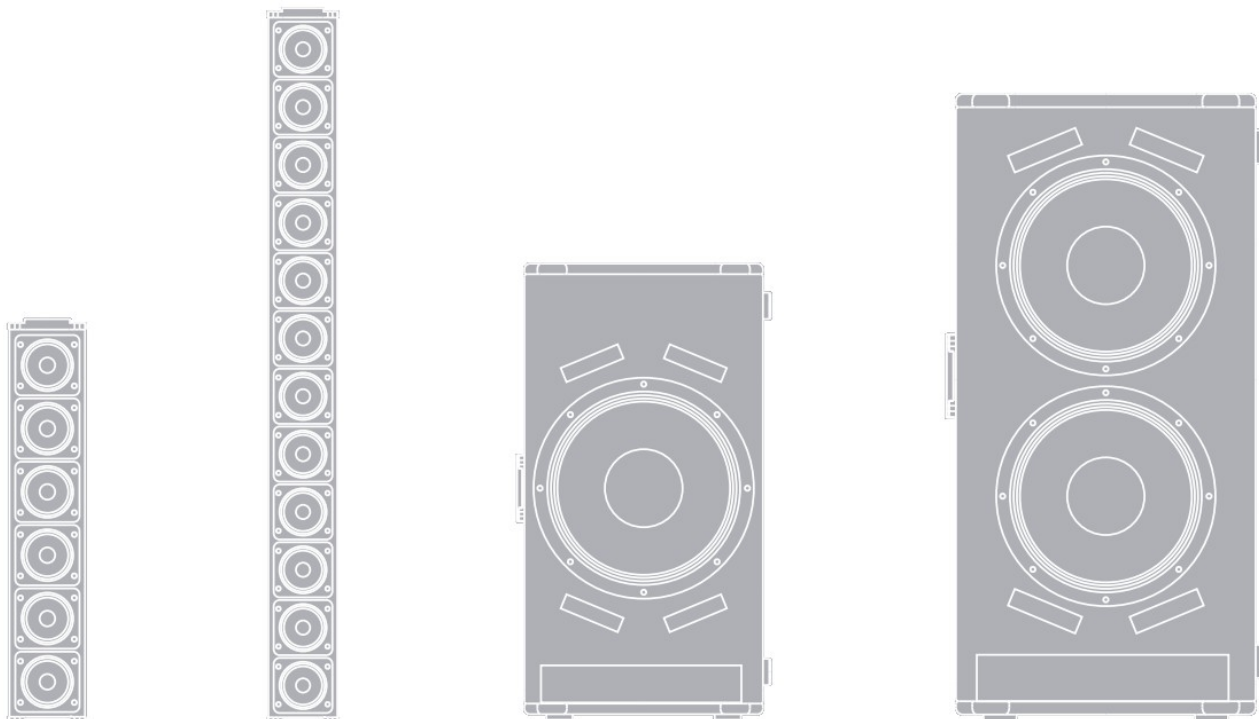
[Home](#) » [G4M](#) » G4M CP-C6 Modular Column PA System User Manual 



**CP-C6/C12/P6/S110/5210  
MODULAR COLUMN PA SYSTEM  
User Manual**

## Contents

- [1 Warnings](#)
- [2 Modular Column PA Speaker](#)
- [3 BOX CONTENTS](#)
- [4 Overview CP-3110/210](#)
- [5 Configuration CP-S110](#)
- [6 Connecting Column Speaker to a Subwoofer](#)
- [7 Connect Using the Speaker](#)
- [8 Flying a Column Speaker](#)
- [9 Specifications](#)
- [10 Documents / Resources](#)



## Warnings

### WARNING!

Do not open cover. No user-serviceable parts inside. Refer servicing to qualified service personnel.

Do not place the product in a location near a heat source such as a radiator, or in an area subject to direct sunlight, excessive dust, mechanical vibration or shock.

The product must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the product.

No naked flame sources, such as lighted candles, should be placed on the product.

Allow adequate air circulation and avoid obstructing vents (if present) to prevent internal heat build-up. The ventilation must not be impeded by covering the appliance with items such as newspapers, table-cloths, curtains etc.

The mains plug is used to disconnect the appliance from the mains supply. Ensure that the mains outlet is easily-accessible and remove the plug from the mains outlet if you notice any abnormality with the appliance.

## Modular Column PA Speaker

Thank you for purchasing the G4M Modular Column PA System. To get the most out of your product, please read this manual carefully.

## BOX CONTENTS

### CP-C6/C12

- CP-C6/C12 Full Range Line Array Speaker
- Carry Bag

### CP-S110/S210

- CP-S110/5210 Active Subwoofer
- UK IEC Cable

- EU IEC Cable

## CP-P6

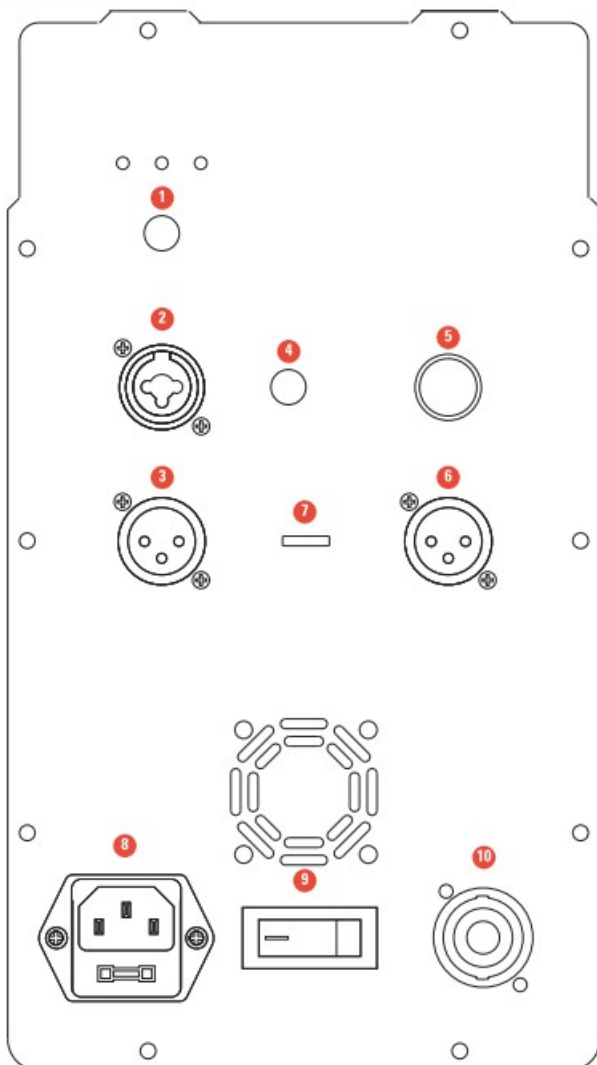
- CP-P6 Speaker Pole

## FEATURES

- Expandable and configurable PA System for every situation.
- Powerful sound reproduction presented with pristine clarity.
- Modular design allows flexible system configuration.
- Compact size and carry bags make for a truly portable PA.

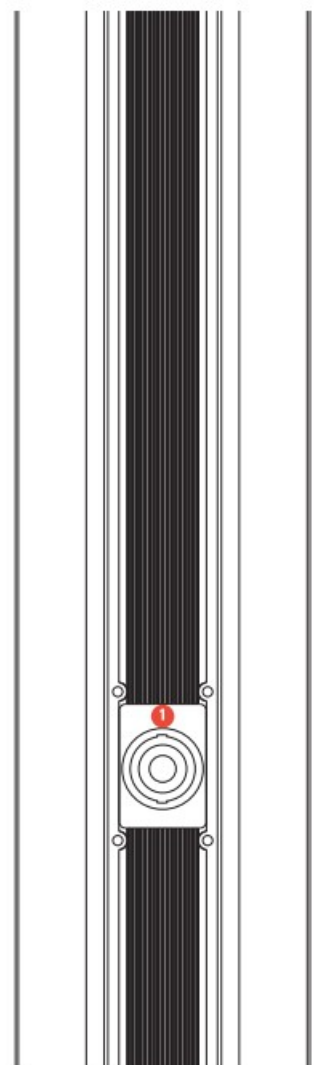
## Overview CP-3110/210

CP-S110/S210



CP-S110/S210

CP-C6/C12



### 1. DSP SELECTION

Use this button to switch between the three DSP Presets designed for small, medium and large sized systems.  
(See configuration section, pages 6-10).

### 2. COMBI INPUT

A balanced XLR/6.35mm combi mono line input.

### 3. **LINK OUTPUT**

Balanced XLR full range output to send your signal on to a second speaker.

### 4. **GAIN**

The Gain button lets you select between -10dB (pressed) and +4dB (depressed). Choose the level that is most appropriate for your input.

### 5. **LOW FREQ GAIN**

Allows you to adjust the subwoofer gain between -12dB and +6dB.

### 6. **SUB OUTPUT**

Balanced XLR output, post LOW FREQ GAIN, to send your signal on to a second subwoofer.

### 7. **POWER/LIMITER LED**

This LED illuminates green when the unit is powered on and red when the in-built limiter is triggered. Lower the input gain if the limiter is triggering often.

### 8. **IEC POWER INLET AND FUSE HOLDER**

For connecting to a mains power supply using the supplied IEC power cable. A fuse is included within the IEC socket for added protection. If the fuse fails ensure it is replaced with a fuse of the same type and rating.

### 9. **POWER SWITCH**

Used to turn the system on and off.

### 10. **SATELLITE OUT**

2-Pole full range Speakon output used to send the signal onwards to satellite speakers.

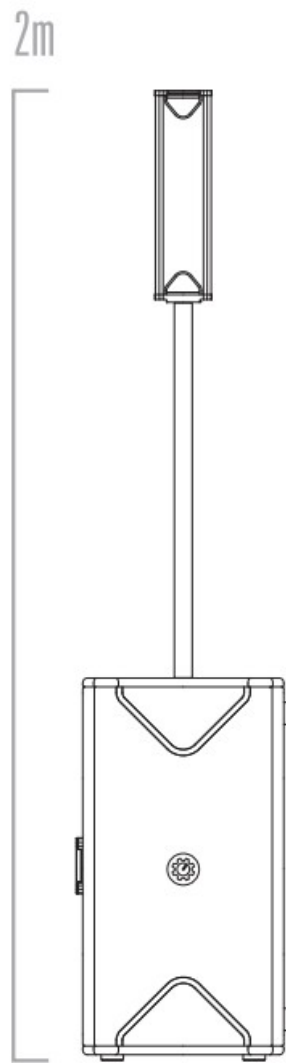
## **CP-C6/C12**

1. SATELLITE IN 2-Pole Speakon input, used to receive signal from the subwoofer.

## **Configuration CP-S110**

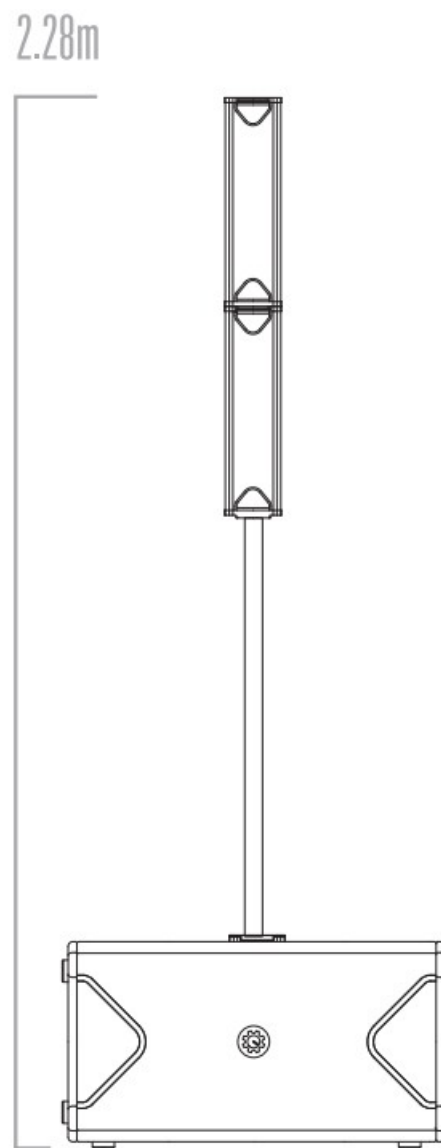
### **CONFIGURATION A**

1 x CP-S110 Subwoofer, 1 x CP-P6 Pole, 1 x CP-C6 Half Column. Select DSP mode A when using this configuration



**CONFIGURATION B1**

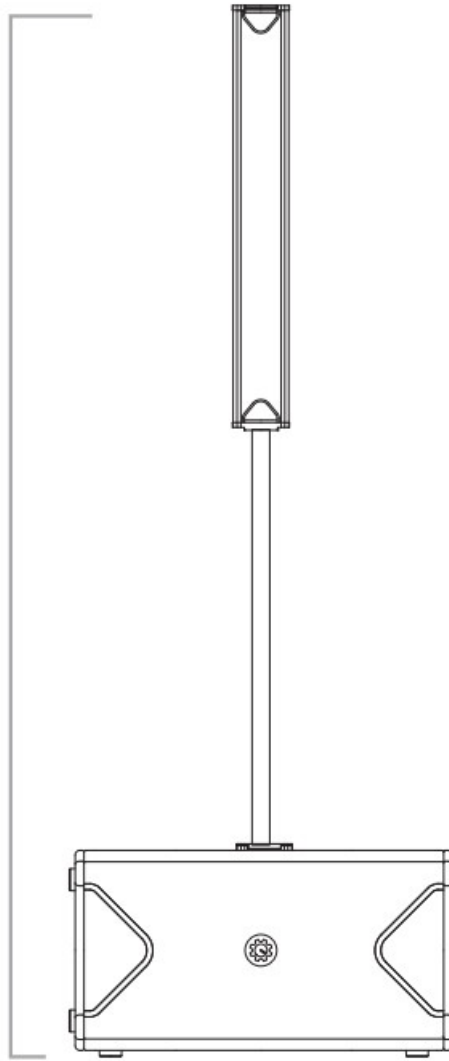
1 x CP-S110 Subwoofer, 1 x CP-P6 Pole, 2 x CP-C6 Half Column. Select DSP mode B when using this configuration



**CONFIGURATION B2**

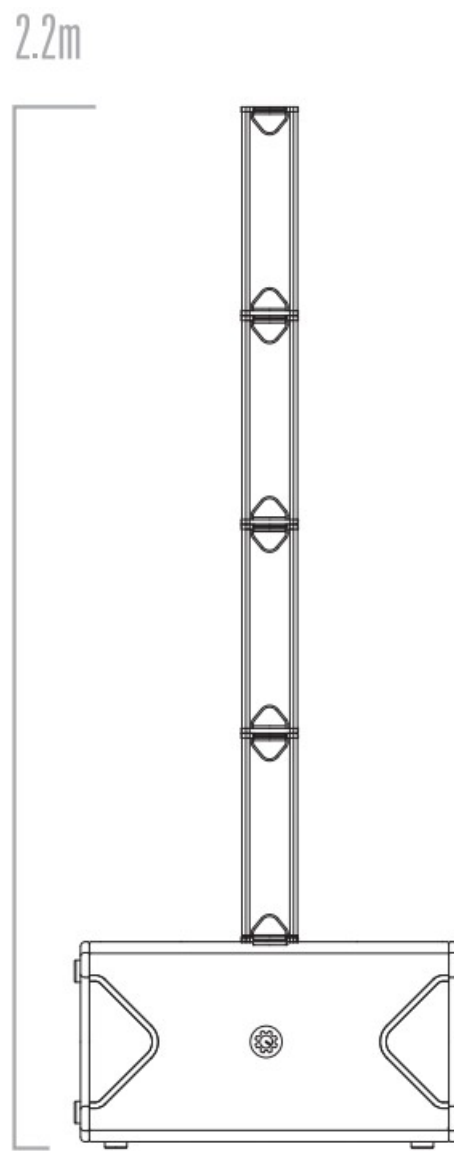
1 x CP-S110 Subwoofer, 1 x CP-P6 Pole, 1 x CP-C12 Full Column. Select DSP mode B when using this configuration

2.25m



**CONFIGURATION C1**

1 x CP-S110 Subwoofer, 4 x CP-C6 Half Column. Select DSP mode C when using this configuration

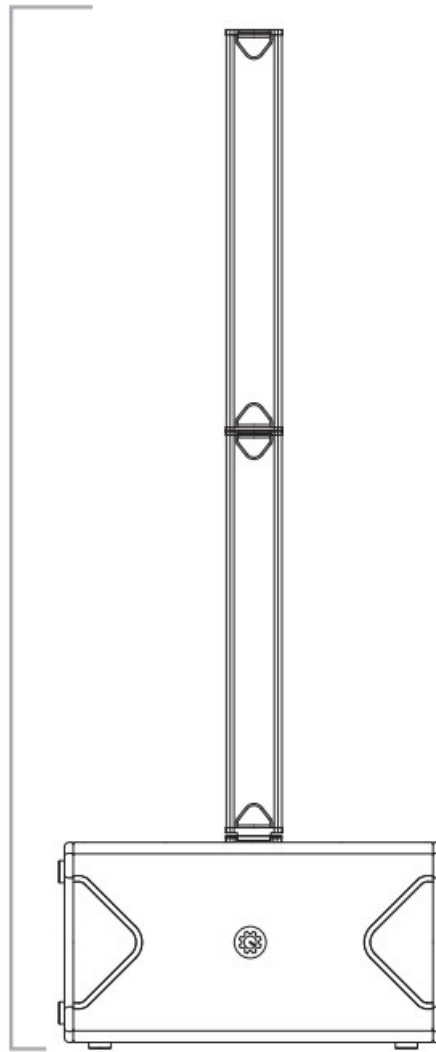


**CONFIGURATION C2**

1 x CP-S110 Subwoofer, 2 x CP-C12 Full Column. Select DSP mode C when using this configuration



2.15m



**Configuration CP-S210**

**CONFIGURATION AI**

1 x CP-S210 Subwoofer, 1 x CP-P6 Pole, 1 x CP-C12 Full Column. Select DSP mode A when using this configuration



**CONFIGURATION A2**

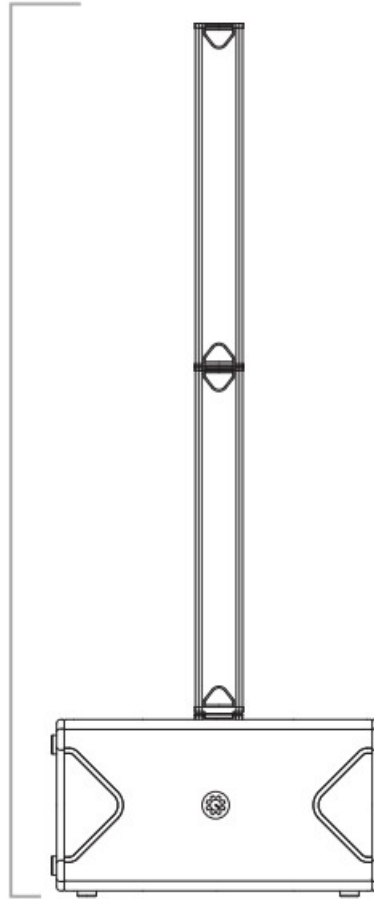
1 x CP-S210 Subwoofer, 1 x CP-P6 Pole, 2 x CP-C12 Half Column. Select DSP mode A when using this configuration



**CONFIGURATION B1**

1 x CP-S210 Subwoofer, 2 x CP-C12 Full Column. Select DSP mode B when using this configuration

2.22m

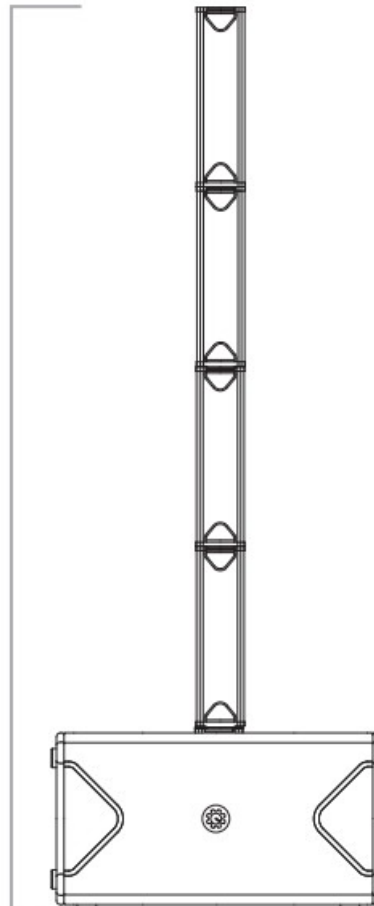


**Configuration CP-S210**

**CONFIGURATION B2**

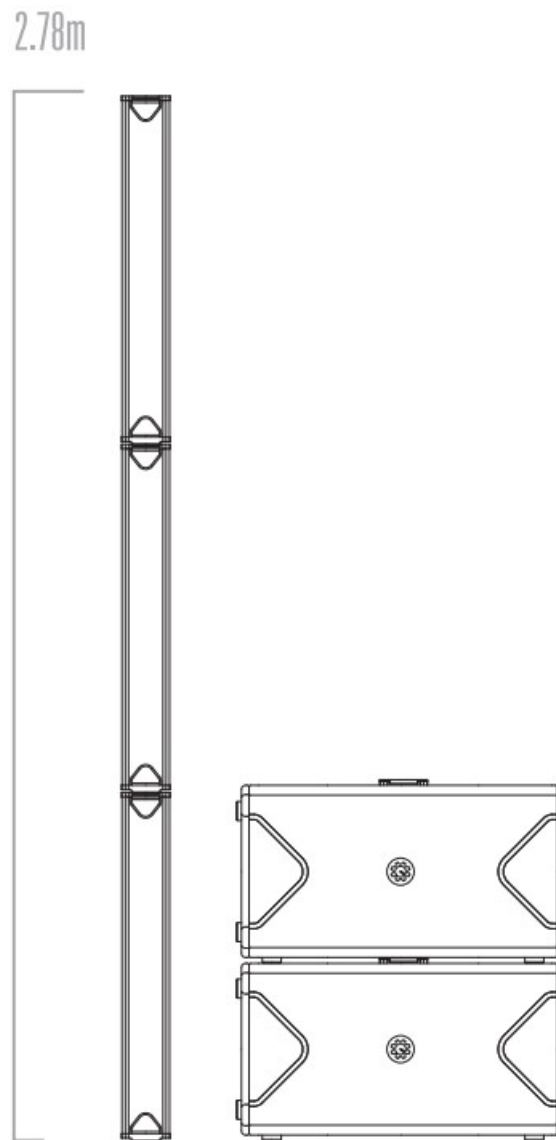
1 x CP-S210 Subwoofer. 4 x CP-C6 Half Column. Select DSP mode B when using this configuration

2.26m



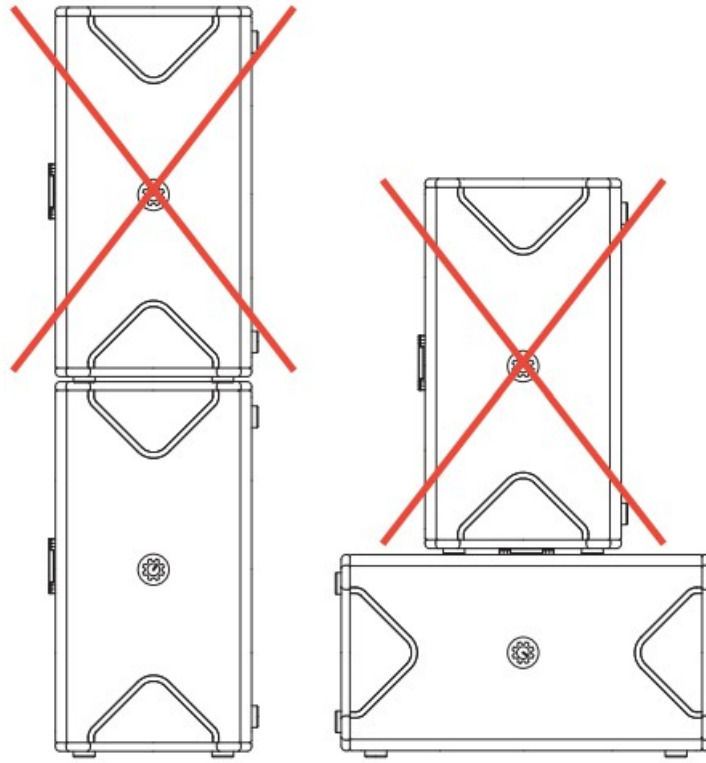
### CONFIGURATION C

2 x CP-S210 Subwoofer, 3 x CP-C12 Full Column, 1 x CP-ADAPTOR. Select DSP mode C when using this configuration

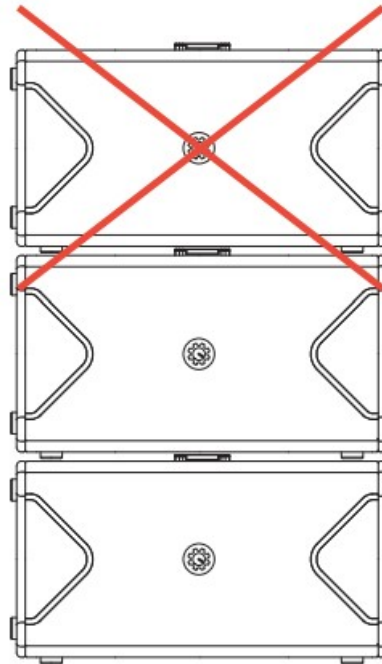


### Configuration Notes

Only stack subwoofers in a landscape configuration.



Do not stack more than two Subwoofers on top of each other.

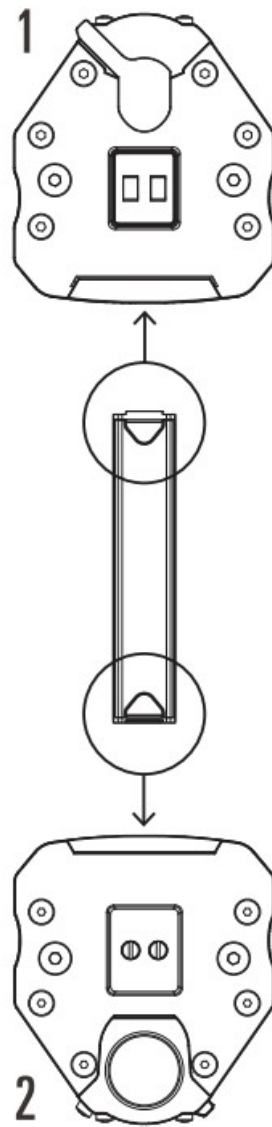


Do not connect more than three CP-C12 Full Columns when hanging from a truss using the Truss Fly Adaptor.



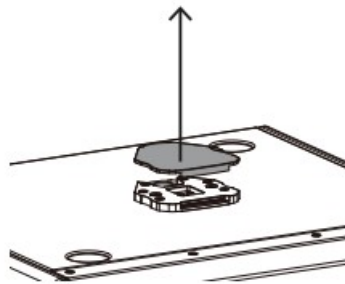
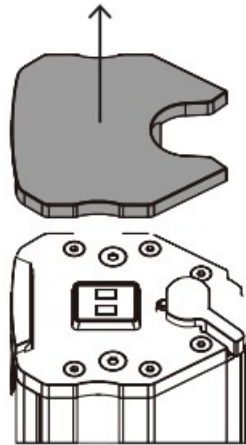
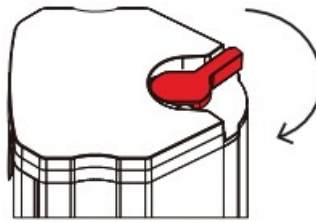
### **Connecting Column Speaker to a Subwoofer**

The CP-C6 and CP-C12 Columns have connectors at each end (1) and (2) to allow easy expansion and building of your PA system.

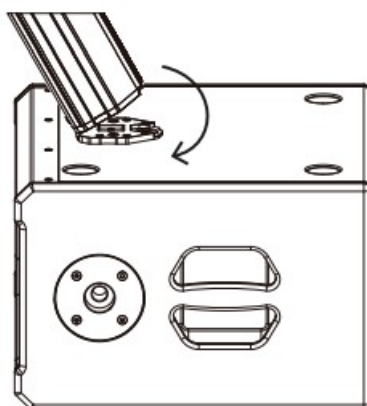
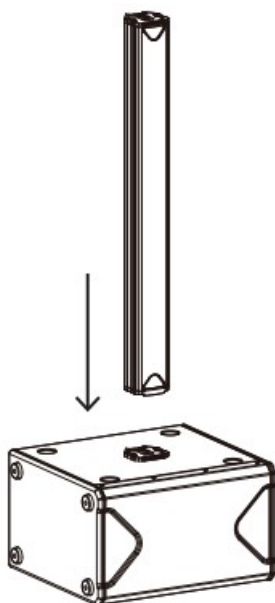


Turn the lever to release the protective cover from the [opt]) of the column. The protective cover on the bottom (2) simply slides off, as does the protective cover on the subwoofer.

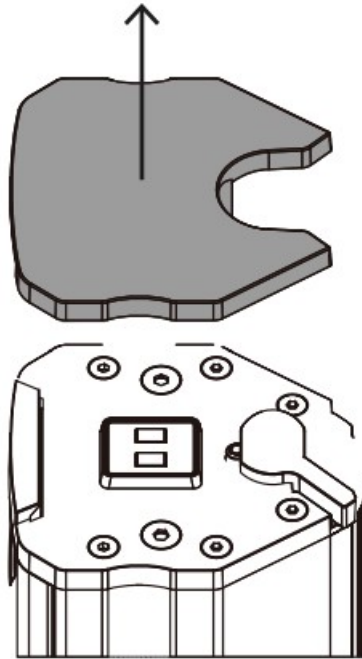
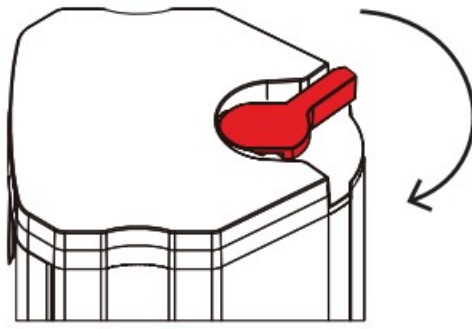




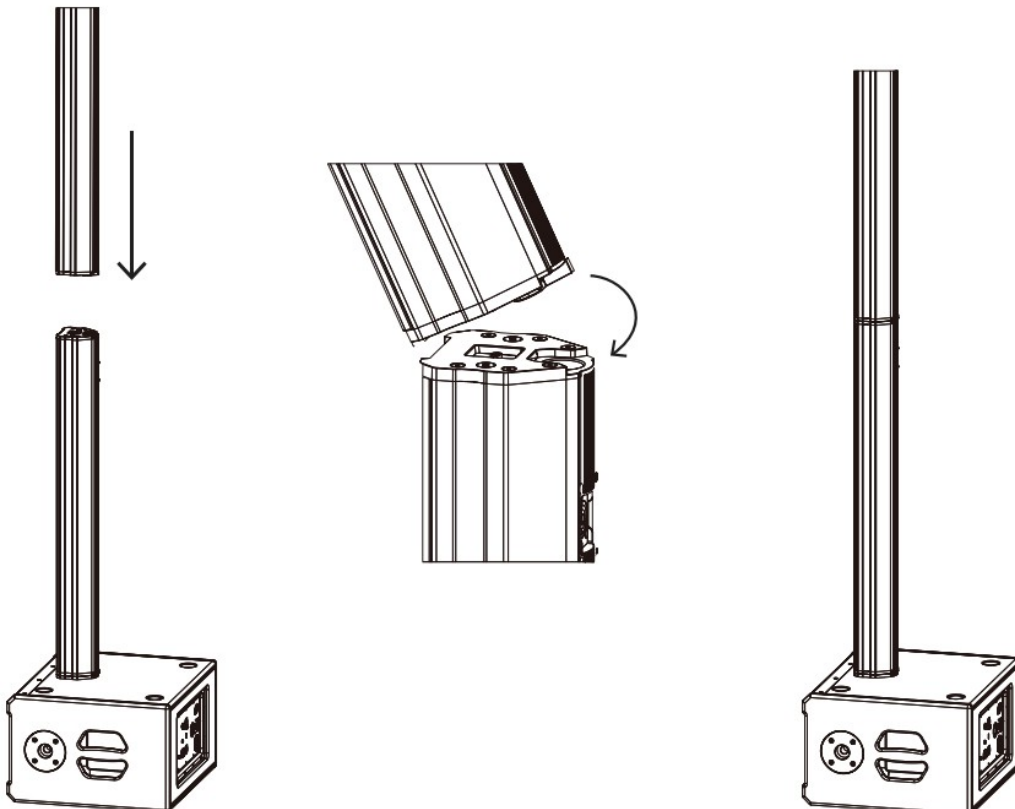
Rotate the column speaker so that the connection with the lever (1) is facing the subwoofer. Slide in from the front at an angle so that the front connects and then push the column to a vertical position, it will click in to place and lock. Turn the lever again to release the column speaker.



Turn the lever to release the protective cover from the top (1) of the column speaker.

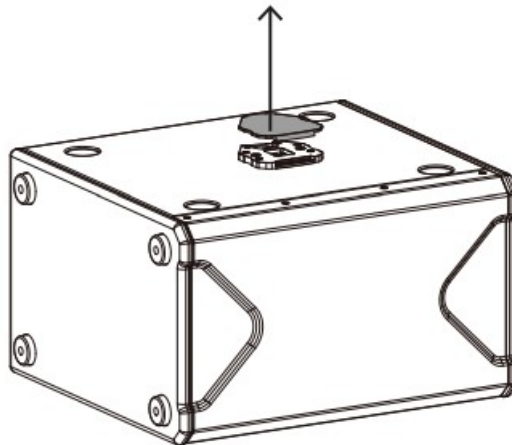
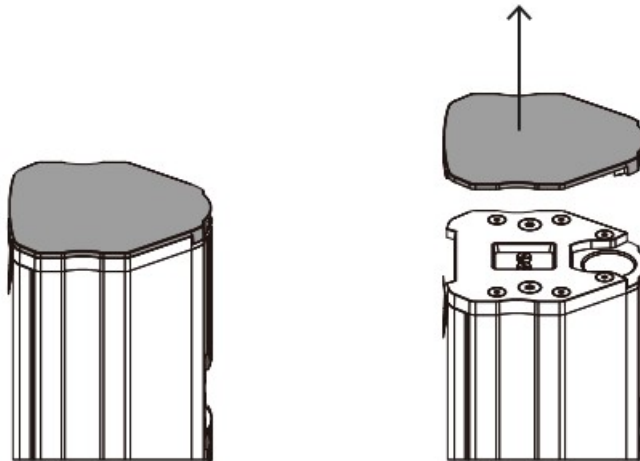


Rotate the column speaker so that the connection with the lever (1) is facing downwards. Slide in from the front at an angle so that the fronts of the two column speakers connect and then push the column to a vertical position, it will click in to place on top of the existing column speaker and lock. Turn the lever again to release the column speaker.

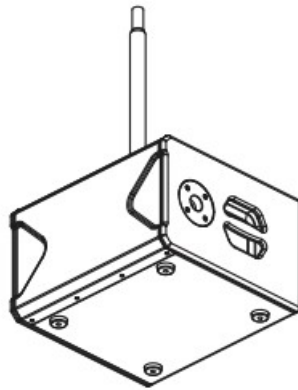
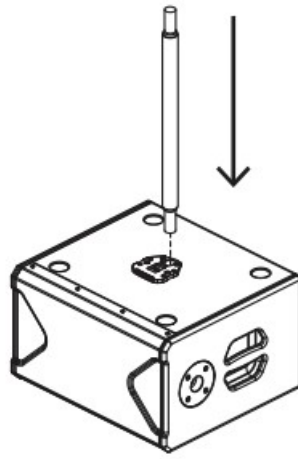


## Connect Using the Speaker

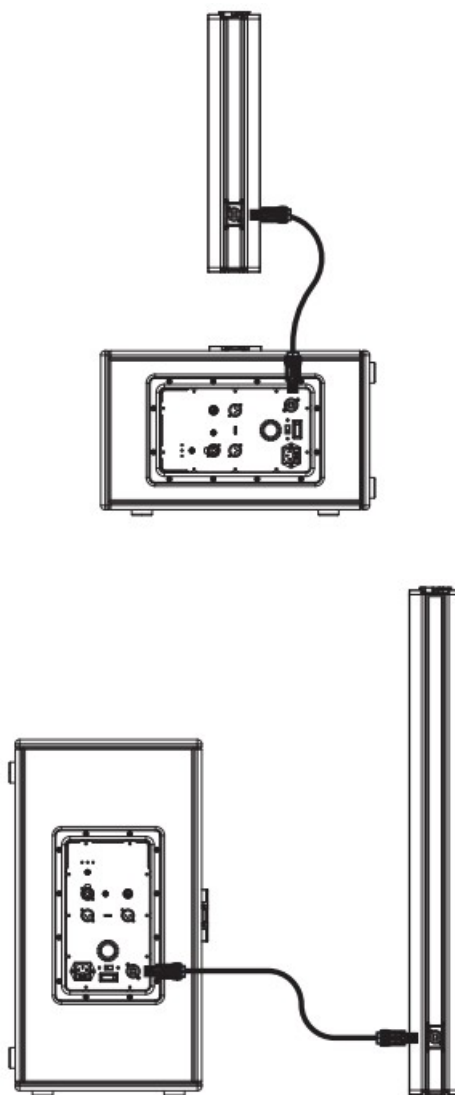
Remove the protective cover from the bottom 12) of the column speaker. Remove the protective cover from the subwoofer.



Insert the CP-P6 pole in to the subwoofer using the threaded end, turn in a clockwise direction to screw it in and secure the pole. Slide the column speaker on to the top of the pole.

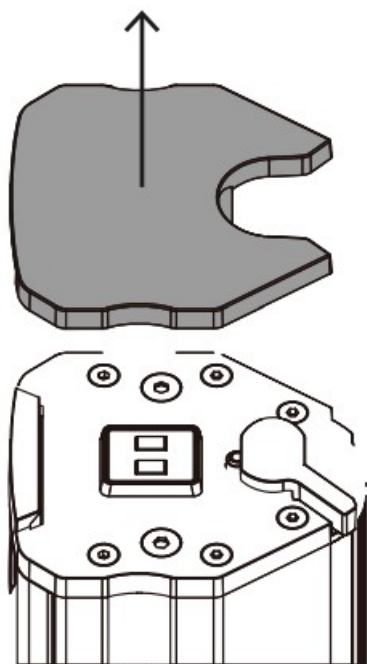
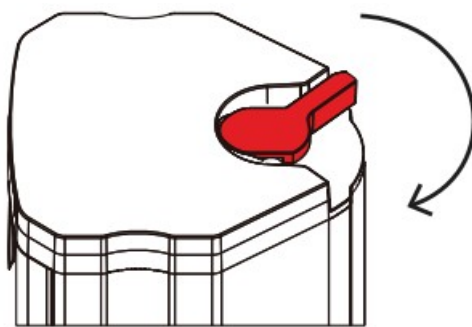


Use a two-pole speakon cable to connect the subwoofer to the column speaker.

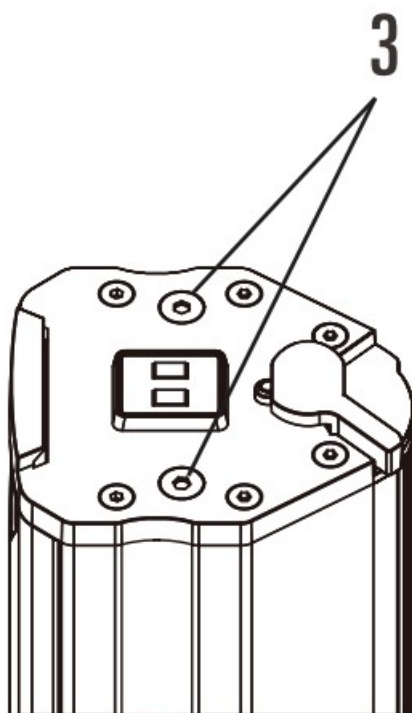


### **Flying a Column Speaker**

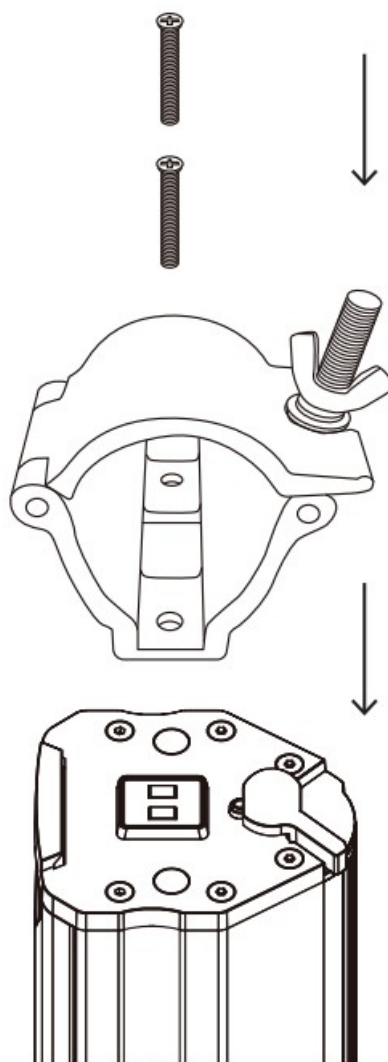
Turn the lever to release the protective cover from the top (1) of the column speaker.



Remove the two M6 screws (3) from the column speaker using an allen key.



Connect the CP-ADAPTOR truss adaptor to the column speaker by opening the adaptor, placing it over the two M6 holes and using an allen key to screw in the two supplied screws.



## Specifications

### CP-S110—ACTIVE 1X10" SUBWOOFER

Output (subwoofer)	250W RMS 500W Peak
Output (To column speaker)	250W RMS 500W Peak
Impedance	4 Ohm
Frequency Range	50-200Hz
Crossover	200Hz, 24dB/oct
SPL	115dB max @1m
Driver	1 x 10" Low Frequency Driver
Power Input	220-240VAC, 50/60Hz
Fuse	T3.15AL 250V
Dimensions	310 x 500 x 450mm
Weight	17kg

### CP-S210-ACTIVE 2X10" SUBWOOFER



Output (subwoofer)	500W RMS 1000W Peak
Output (To column speaker)	250W RMS 500W Peak
Impedance	40hm & 40hm
Frequency Range	50-200Hz
Crossover	200Hz, 24dB/oct
SPL	121dB max @ 1m
Diiver	2 10" Low Frequency Driver
Power Input	220-240AC, 50/60Hz
Fuse	T4AL 250V
Dimensions	360 x 660 x 480mm
Weight	25.8kg

#### **CP-C6-PASSIVE HALFCOLUMN SPEAKER**

Output	100W RMS 200W Peak
Impedance	160hm
Frequency Range	200Hz – 20KHz
Crossover	200Hz, 24dB/oct
SPL	114dB mex @ 1m
Driver	6×2.75" Full Range Driver
Dispersion	90 degrees, horizontal
Dimensions	48095 x 106mm
Weight	265kg

#### **CP-C12-PASSIVE FULLCOLUMN SPEAKER**

Output	200W RMS 400W Peak
Impedance	80hm
Frequency Range	200Hz – 20KHz
Crossover	200Hz, 24dB/oct
SPL	117dB max @ 1m
Driver	12×275" Full Range Driver
Dispersion	90 degrees, horizontal
Dimensions	95 x 106mm
Weight	475kg

## CP-P6-SPEAKER POLE

Thread Diameter	20mm
Pole End Diameter	25mm
Pole Diameter	35mm
Length	1135mm

## CP-P6—SPEAKER POLE

Clamp Diameter	45mm
Screw Type	M6
Fastening	Wing Nut & Washer
Weight	2k



If you have any more questions about this product, please do not hesitate to contact the Gear4music Customer Service Team on: +44 (0) 330 365 4444 or [info@gear4music.com](mailto:info@gear4music.com)

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## Documents / Resources

	<a href="#">G4M CP-C6 Modular Column PA System</a> [pdf] User Manual CP-C6, C12, P6, S110, S210, CP-C6 Modular Column PA System, Modular Column PA System , Column PA System, PA System
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