

# HOW TO CORNER YOURSELF WITH GREAT SOUND

User manual Cornered C8S subwoofer

# C8S subwoofer

Cornered speakers are designed to blend discretely into modern homes and commercial installations. But above all they are truly professional speakers and capable of delivering serious sound pressure and strong dynamics. Please take some time to study this manual to get the most out of your Cornered speaker system.

## Description

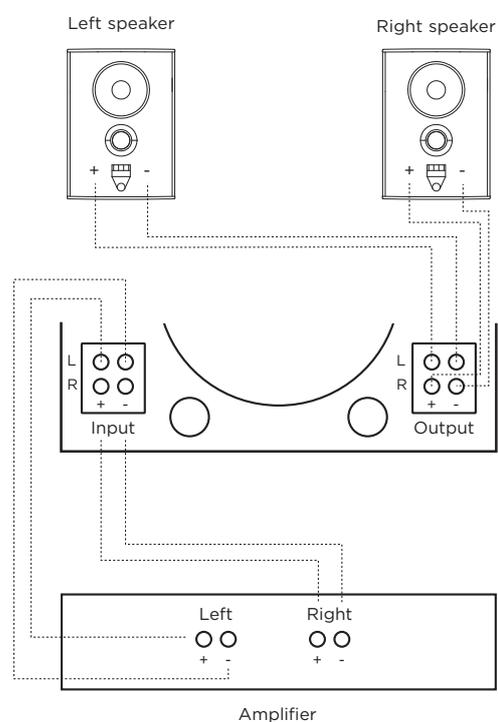
The C8S is a passive on-wall subwoofer that is also designed to stand on the floor. It has a built-in crossover and a passive radiator that extends sub bass performance. With an 8" long-throw woofer with dual voice coil, the C8S is an ideal choice for larger rooms and will support all Cornered models with extended bass output.

# Installing the speaker

## 1. Connecting the speaker cable

There are two sets of speaker terminals. The left terminal is for left & right input from the amplifier.

1. Connect red (+) from each amplifier output to the red terminal on the subwoofer and black (-) from each amplifier output to the black input terminal on the C8S.



The right terminal is output for the top-boxes. The output signal is cut below 240 Hz with a 12-dB filter, offering excellent protection of the top boxes. Up to two speakers per output terminal can be connected.

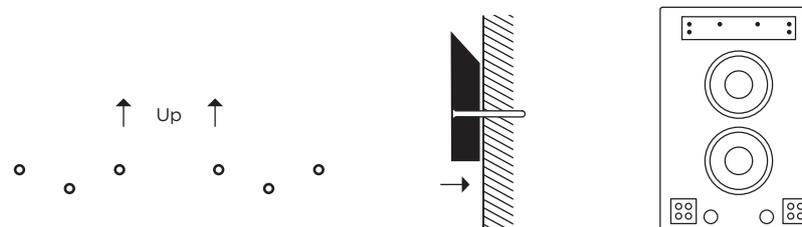
2. Connect L red (+) on the subwoofer output terminal to the red (+) input on your left speaker and L black (-) from the subwoofer output terminal to the black (-) terminal on your left speaker. Likewise, connect R red (+) on the subwoofer output terminal to the red (+) input on your right speaker and R black (-) from the subwoofer output terminal to the black (-) terminal on your right speaker

*Note, when connecting, polarity shall NOT be reversed, as the reflected sound from the wall will be in phase with the top-boxes.*

## 2. Positioning the cabinet

C8S is designed to be mounted on the wall with the woofers facing inwards. It is also possible to have it standing with the woofers facing down towards the floor.

For installation on wall:



1. Mark screw holes for wall bracket using the provided template.
2. Mount the included wall bracket to the wall with the included screws.
3. After the speaker cables are mounted to the terminals, hang the C8S in the bracket.

## 3. Recommended speaker cables

Speaker cables present amplifiers with different loads. Cables with high capacitance, high inductance and high impedance have a strong negative influence on sound quality as well as amplifier reliability, so in order to get the most out of the speaker system, avoid using thin speaker cables.

As a rule of thumb, 2 mm<sup>2</sup> (14 AWG) cable can be used for lengths up to 20 meters. 4 mm<sup>2</sup> (11 AWG) cable should be used for lengths over 20 meters. For lengths over 50 meters, most amplifiers will become unstable and sound quality is reduced significantly.

## 4. Warranty

For warranty information, please refer to your local CORNERED distributor or dealer.

## 5. Service

Spare parts for your CORNERED speakers are available through your local CORNERED distributor. In case you are not able to source spare parts locally, you can contact us directly at [info@cornered.dk](mailto:info@cornered.dk)

# Specifications

Power handling, IEC268:	2x100 watt
Power handling, peak:	2x400 watt
Sensitivity, 2,83V/1m:	88 dB
Maximum SPL, long term:	109 dB
Maximum SPL, peak:	115 dB
Freq. response, +/- 3 dB:	30-240 Hz
Nominal impedance:	8 ohm dual voice coil
Recommended amplifier:	50-150 watt into 8 ohm
Input connectors:	Black or white
Finish:	Black fire retardant Napa or custom finish
Weight:	9 kg
Measurements (HxWxD):	540x375x190 mm

# Declaration of conformity

**Manufacturer:**

CORNERED Audio ApS  
Rosenkæret 13  
DK - 2860 Søborg

Tel +45 4366 1088  
cornered.dk

We, CORNERED Audio ApS,  
declare under our responsibility that the following product:

Cornered C8S                      Type: Speaker

...is in conformity with COUNCIL DIRECTIVE of 3 May 1989 on the approximation of the laws of the Member States relating to electromagnetic compatibility (89/336/EEC) and has been manufactured in conformity with the following national standards that implement a harmonized standard:

EN 55013

Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment.

Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment.



Hans V. Madsen / Founder

Date: 01.09.2018

