

# Cronus Sub Datasheet



Cronus Sub is designed to give additional bass enhancement to Cronus mid-high cabinets. Featuring a UK built 18" LVC driver delivering our signature sound. The Cronus Sub is easy to handle with recessed ergonomic pocket handles.

The rear cast aluminium connection plate has two 4 pin speakON® connectors fitted as standard, one input and one link. The speakON® connectors are wired on pins +1-1, with pass through of pins +2-2.

## Key Features:

- Compact vertical design with small physical footprint
- Aesthetically matched to echo the design of the Cronus cabinet
- Integrated pole mount option
- Tough wearing textured paint finish

# Technical Specifications

## Design

1 x 18" Subwoofer Cabinet,  
Reflex Tuning

## Impedance

8 Ohm, 7@ 48 Hz

## Power Handling (AES)

800 Watts (continuous)

## Max. Power Handling (AES)

1600 Watts (program)  
3200 Watts (peak 10 ms)

## Sensitivity 2.83V / 1m

102 dB

## Max. SPL

131 dB cont  
137 dB peak

## Frequency Response (±3 dB)

47 Hz - 250 Hz

## Usable Frequency (-10 dB)

41 Hz - 250 Hz

## Dispersion

OMNI

## SYSTEM OPERATION

### Recommended Amplification

800 - 1600 Watts

### System Controller

Ohm DSP Solutions

### Speaker Cables

Min - 2 x 2.5 mm<sup>2</sup>  
Preferred - 2 x 4 mm<sup>2</sup>

## PRODUCT FEATURES

### Components

1 x 18" Full Range Driver

## Crossover

Passive - -

Active - \* LPF - 100 Hz  
HPF - 35 Hz

## Connectors

2 x speakON® connectors

## Dimensions (H x W x D mm)

706 x 500 x 500

## Weight (kg)

40.7

## Shipping Weight (kg)

42.7 (1 cabinet per carton)

## Colour

Black

## Options

Available in white or RAL colours on request

## Rigging

-

## HARDWARE

### Fitted as Standard

TP-1P threaded adaptor plate

### Optional

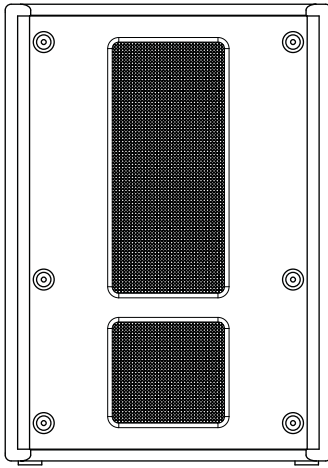
TP-1 adjustable threaded pole.

### Additional Descriptive Data

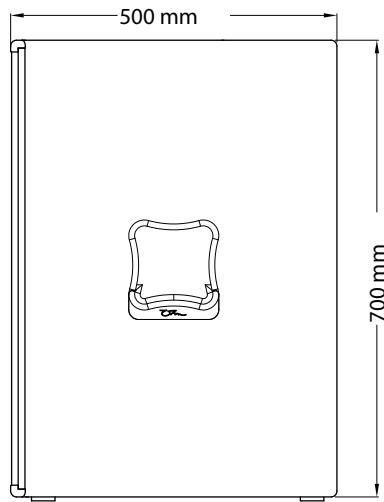
Birch ply construction, with durable scratch resistant black textured paint finish, steel grill and black foam.

## Cronus-Sub Dimensions

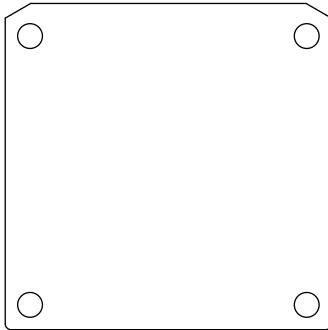
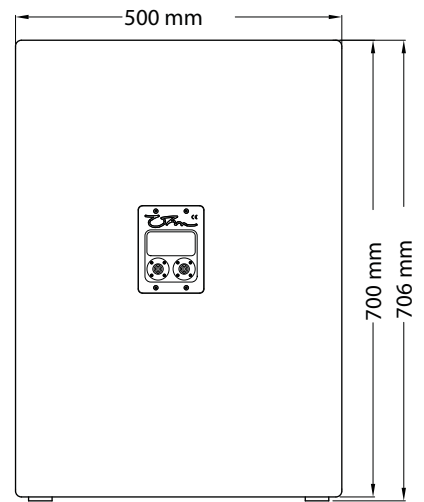
Front



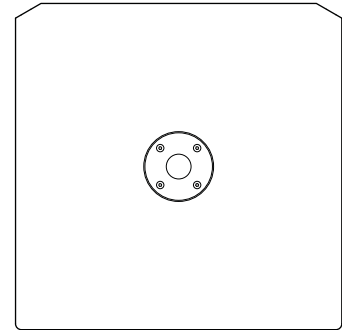
Side



Back



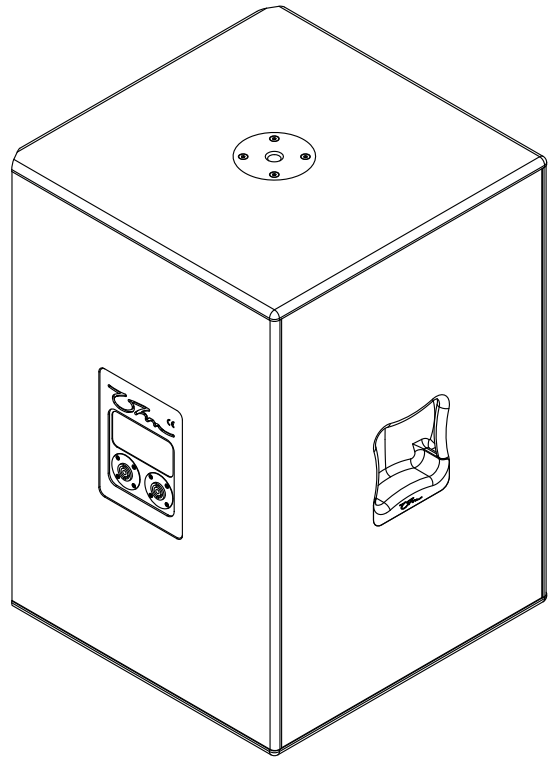
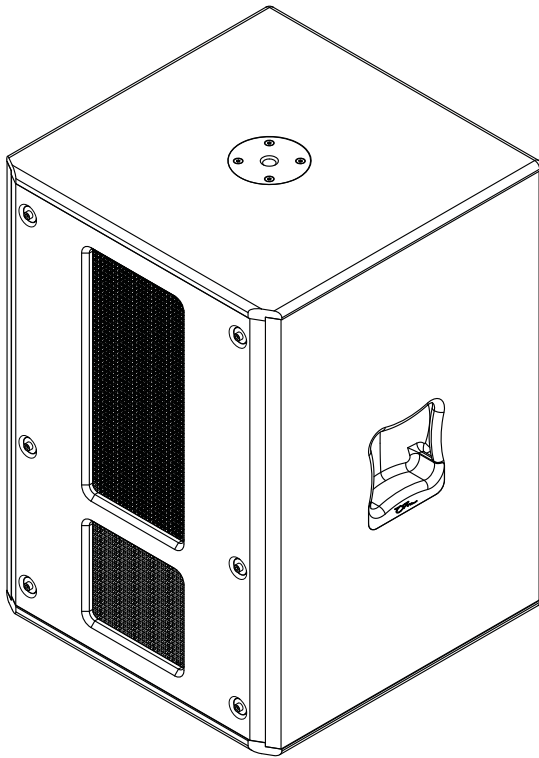
Bottom



Top

Further technical drawings for architectural requirements are available in DXF and DWG format for download on the website.

## Cronus-Sub 3D View



## Accessories and Spare Parts

- TP-1 adjustable threaded pole
- 1 x 18" low frequency driver
- Cronus-Sub steel grill assembly
- Cronus-Sub backplate

## Architects' & Engineers' specifications:

2-Way dynamic loudspeaker in a multi purpose enclosure design, housing 1 x 18" proprietary OHM low mid bass driver, internally and externally ventilated double sided high temperature voice coil. Constructed from different multi-laminated wood, eco-friendly scratch resistant paint, Birch ply construction, with durable scratch resistant black textured paint finish, steel grill and Internal black foam.

## Technical Data:

Frequency Response: 41 Hz - 250 Hz (-10dB), 47 Hz - 250 Hz ( $\pm 3$  dB), Continuous SPL: 131 dB/1m, Program SPL 134 dB/1m, Peak 137 dB/1 m. Power Handling: 800 Watt cont. IEC268 AES, Maximum Power Handling: 1600 Watt prog. / 3200 Watt peak, Impedance Nominal: 8 ohm, Dispersion Nominal: 90° Coniical. Connectors: 2 x Speakon NL4MP (1+/1-, 2+/2- links). Dimensions (H x W x D): 706 mm x 500 mm x 500 mm, Weight: 40.7 kg. Options: Durable scratch resistant black textured paint finish. RAL colours available to order.

## Safety Instructions

Professional speaker systems are able to produce sound pressure levels that could harm your health.

Never stand directly in front of loudspeakers for long periods. Whilst not immediately apparent to the listener, sound pressure levels in excess of 90dB@1m can be hazardous to the hearing.

Please refer to the following advice when setting up or dismantling OHM speaker systems.

1. Be sure to leave adequate distance between speakers and the public. Refer to your local authority for Health and Safety guidance when using loudspeaker systems.
2. Be sure to have safe and stable ground for your speakers, particularly when using speaker stands.
3. When stacking speaker systems, ensure they are secured to prevent individual speakers from falling down or moving around.
4. Only use OHM mounting hardware, as this has been specified and approved by AURAL LTD, OHM (UK) LTD for use with OHM speakers.
5. When flying speakers, appropriate materials and techniques must be employed in order to safely suspend enclosures, taking care to allow for specified enclosure weight.
6. Please observe any special instructions that appear on specific loudspeaker data-sheets.
7. Check your speaker hardware and flying material regularly for any visual or mechanical failure. Replace damaged or suspect items when necessary.

## Safety Instructions Cont.

8. Only use OHM DSP Solutions. Only technicians authorised by AURAL LTD, OHM (UK) LTD are qualified to program digital controllers. Take note of recommended controllers as specified on the datasheets. Do not use OHM loudspeaker systems without the correct controller. If a system fails due to incorrect controller use, warranty is void.

9. Protect your speakers and electronics from freezing and do not expose them to humidity, water or rain without protection.

OHM loudspeakers and electronics are covered against defects in workmanship or materials for a period of two (2) years from original date of purchase. At the discretion of AURAL LTD, OHM (UK) LTD, the defective item will be repaired/replaced with no charge for materials or labour. The item is to be adequately packed and dispatched, pre-paid, to an OHM authorised distributor/service centre. Unauthorised repair shall void the warranty. The OHM warranty does not cover cosmetics or finish and does not apply to any item which in OHM's opinion has failed due to user abuse, accident, modifications or any type of misuse.

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