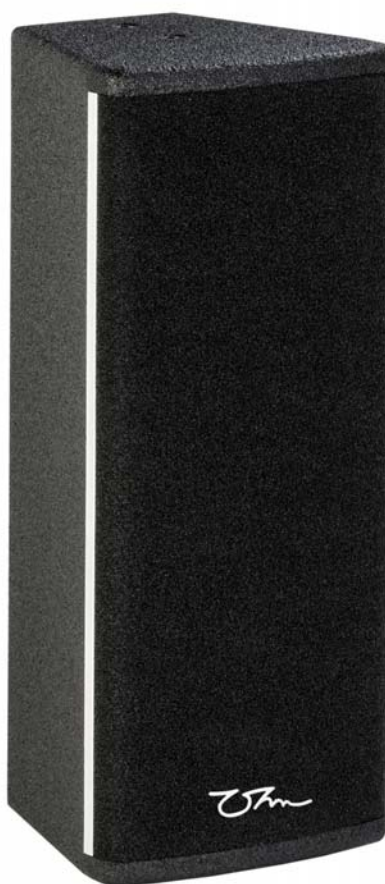


## BRT-26 Datasheet



BRT-26 is a passive, compact trapezoidal, point-source cabinet ideally suited to background music, infill for portable and fixed installation use. The discreet design with reticulated foam front and acrylic textured paint finish and multiple integrated fixing points achieves a high class look suitable for any application. The long rectangular shape of the BRT-26 makes it ideal for mounting on Columns.

With a 120° x 40° horn loaded tweeter, the internal passive crossover ensures a flat, usable frequency response of 77 Hz to 26 kHz (-10 dB) and a maximum SPL of 120 dB (peak).

The discreet look makes them fit any style of décor. Custom RAL colours are available on request to make their appearance even more seamless with the surroundings.

Using two custom 6" drivers and a horn loaded dome tweeter, creating a level of clarity and detail which is rare in a cabinet of this size.

Sharing voicing characteristics with the rest of the BR series allowing them to be used simultaneously, keeping a consistent tone.

The discreet design with reticulated foam front and acrylic textured paint finish and multiple integrated fixing points achieves a high class look suitable for any application.

Mounting options include integrated horizontal cradle fixing points for use with the BRC-26 cradle and the rear pan and tilt bracket PTS. Other fixings can be used with this cabinet such as the small wall bracket (SWB) and pan and tilt pole mount adaptor (SS-A).

The rear connector plate has two binding post connections wired +1-1 & 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:**

- Hi-Fi grade components give extended 77 Hz frequency response
- Defined and accurate 120° x 40° dispersion minimises reflection and feedback issues
- Column design
- Use in conjunction with BRS range subs for extended bass dynamics

### **Accessories and Spare Parts**

- BRC-26 Cradle Vertical
- HWB wall bracket
- PTS small rear pan and tilt bracket
- SWB small wall bracket
- S-SA Stand adaptor
- SS-1 speaker stand
- TP-1 adjustable threaded pole.
- BRT-26 steel grill assembly
- BRT-26 backplate and crossover

# Technical Specifications

## Design

2 x 6" Mid High Cabinet,  
Reflex Tuning

## Impedance

8 Ohm, Minimum 6.7 @ 286 Hz

## Power Handling (AES)

250 Watts (continuous)

## Max. Power Handling (AES)

500 Watts (program)  
1000 Watts (peak 10 ms)

## Sensitivity 2.83V / 1m

93 dB

## Max. SPL

114 dB cont  
120 dB peak

## Frequency Response (±3 dB)

90 Hz - 24 kHz

## Usable Frequency Range (-10 dB)

77 Hz - 26 kHz

## Dispersion

120° x 40°

## SYSTEM OPERATION

### Recommended Amplification

250 - 500 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

2 x 6" Low Frequency Driver  
1 x Horn Loaded Tweeter

### Crossover

Passive - 3.5 kHz  
Active - \* LPF -  
HPF - 110 Hz

## Connectors

2 x 4 pole speakON® connectors  
2 x Binding post Connectors

## Dimensions (H x W x D mm)

460 x 190 x 188

## Weight (kg)

6.6

## Shipping Weight (kg)

15.9 (2 cabinets per carton)

## Colour

Black

## Options

Available in white or RAL colours on request  
IP64 Rated Optional

## Rigging

6 x M8 mounting points for installation  
brackets, stand or truss adaptor,

## HARDWARE

### Fitted as Standard

-

### Optional

BRC-26 Cradle Vertical, HWB wall bracket,  
PTS small rear pan and tilt bracket, SWB  
small wall bracket, S-SA Stand adaptor, SS-1  
speaker stand, TP-1 adjustable threaded pole.

### Additional Descriptive Data

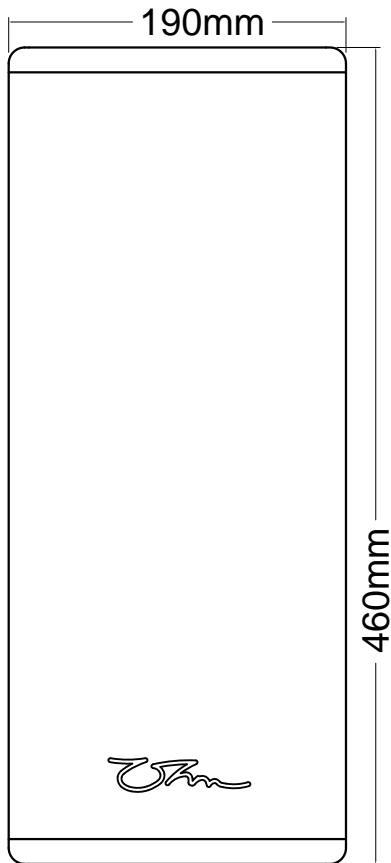
MDF construction, with durable scratch  
resistant black textured paint finish (optional  
polyurea paint finish), kick-proof steel grill  
and black foam with Ohm logo.

### Recommended filter settings are available on the website [ohm.co.uk/downloads](http://ohm.co.uk/downloads)

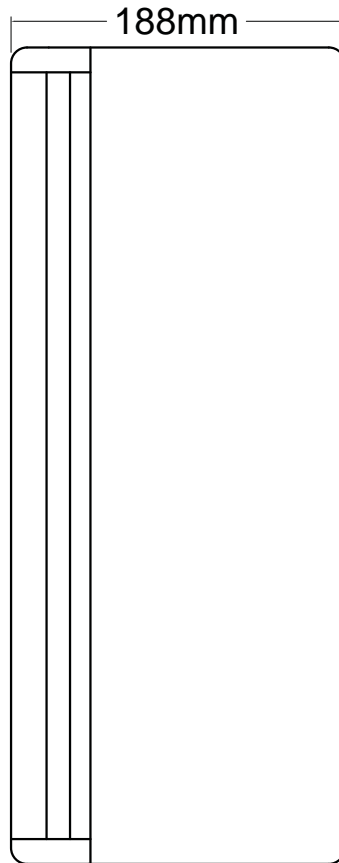
\* All presets from the OHM library.

## BRT-26 Dimensions

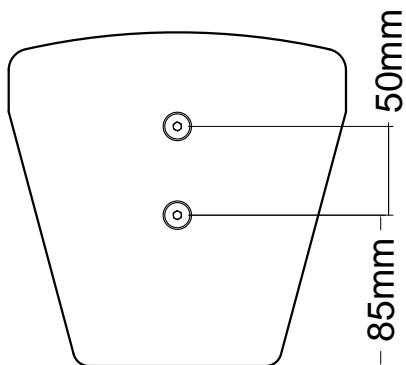
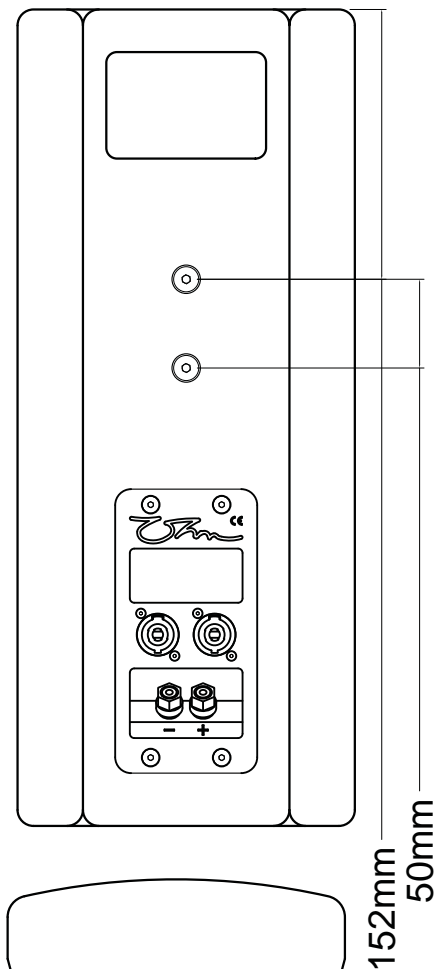
Front



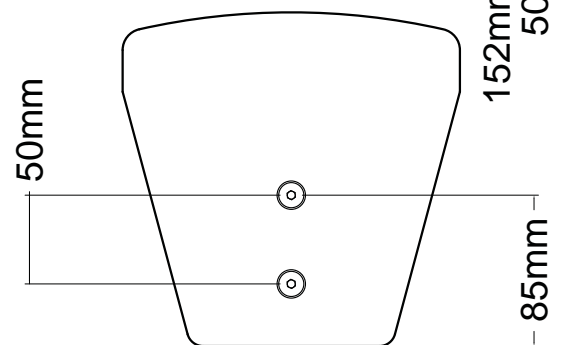
Side



Back



Bottom



Top

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

## Architects' & Engineers' specifications:

2-Way dynamic loudspeaker in a multi purpose enclosure design, housing 2 x 6" proprietary OHM low mid bass driver, internally and externally ventilated double sided high temperature voice coil, 1x Horn Loaded Tweeter. Homogeneous radiating linear behaviour. Integrated passive crossover with phase optimization. Constructed from MDF, eco-friendly scratch resistant paint, 6 x mounting points for installation brackets, stand or truss adaptor, kick proof steel grill finished and Ohm logo.

## Technical Data:

Frequency Response: 77 Hz - 26 kHz (-10dB), 90 Hz - 24 kHz ( $\pm 3$  dB), Continuous SPL: 114 dB/1m, Program SPL 117 dB/1m, Peak 120 dB/1 m. Power Handling: 250 Watt cont. IEC268 AES, Maximum Power Handling: 500 Watt prog. / 1000 Watt peak, Impedance Nominal: 8 ohm, Dispersion Nominal: 120° x 40° (hor. x vert.) rotational, Connectors: 2 x Speakon NL4MP (1+/1-, 2+/2- links) 2 x binding post. Dimensions (H x W x D): 460 mm x 190 mm x 188 mm, Weight: 6.6 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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