

FEATURES

Proprietary 8" woofer, optimised for musicality and dynamics offers extended low frequency performance.

High resolution, phase corrected Bullet Tweeter.

Pre-fitted for use with the UB-1 Universal Bracket and the dedicated KC-3 wall ceiling cradle.

Available in 5¼" version (KS-1) and in an alternative format enclosure (see BL Series).



SYSTEM APPLICATIONS

Background music system for restaurant and bar areas, for faithful reproduction of program material.

Reception and welcome areas in public buildings, such as hotel and theatre foyers, cloakrooms. Suitable for retail and domestic environments.

The perfect solution for installation, surround sound and A/V applications, Business Music Systems can be utilised in professional and domestic environments. Dedicated design techniques, exclusive and specific components, the finest materials plus OHM's own build quality guarantee unbeatable audio performance wherever these products are specified. For compact form, high achievement enclosures look no further than the KS series. The KS-3 is a two way bass reflex enclosure with a 8" bass mid driver and high resolution, phase corrected bullet tweeter offering extended lower frequency performance and higher SPL over the smaller KS-1.

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SYSTEM SPECIFICATIONS

Design	2-Way Passive System, Bass Reflex Tuning
Impedance	8 ohm
Power handling RMS	100 Watt IEC268
Maximum power handling [i]	200 Watt / 250 Watt peak
Sensitivity 1 W/1 m [ii]	89 dB
Max SPL [ii]	111 dB (SPL peak/1 m)
Frequency response -10 dB [iii]	60 Hz - 20 kHz
Frequency response ± 3 dB [iii]	75 Hz - 20 kHz
Crossover frequencies	3.6 kHz
Active crossover frequencies	100 Hz
Dispersion [iiii]	100° x 100° (hor. x vert.)
Directivity index (DI) [iiii]	-

SYSTEM OPERATION

Recommended Amplification	100 -250 Watt @ 8 ohm 1 x KS3 or 200-500 Watt @ 4 ohm 2 x KS3 (OHM EA-900)
Subwoofer Options	-
System Controller	-
Speaker Cables	Connectors accept cable up to 10mm diameter, or Pomona type connectors.

PRODUCT FEATURES

Components	Phase Corrected Bullet Tweeter / 8" Ohm Low Mid Chassis
Crossover	2 way passive crossover with phase correction.
Connectors	Touch-proof binding posts
Additional descriptive data	18mm MDF construction, radiused fronted, finished in eco-friendly black textured paint, with powder coated steel grill with sculpted reticulated foam front.
Rigging	4 x M6 threaded inserts (UB-1), 3 x M8 threaded inserts (KC-3)
Dimensions	(H x W x D): 249 x 352 x 240mm
Weight	6.5 kg
Colour	Black
Options	Available in White, Grey and RAL-colours, on application.
Hardware	Wall ceiling cradle (KC-3), Universal Bracket (UB-1).

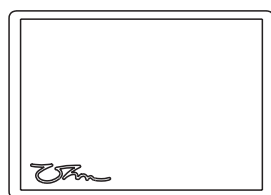
As part of our continuous development and improvement program, OHM Industries Limited reserves the right to change specifications without prior notice.

[i] Maximum power handling: calculated at maximum output voltage of an amplifier on static load wideband to the specified ± 3 dB range. The peak point is the short time maximum power handling nominal for no longer than 10 oscillation periods.

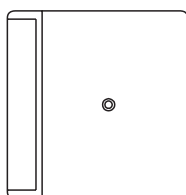
[ii] Sensitivity 1W/1m and Max SPL data for speaker, processor and recommended amplification. Measured with band-limited pink noise.

[iii] Frequency response curves: measured full-space anechoic far-field response for one speaker.

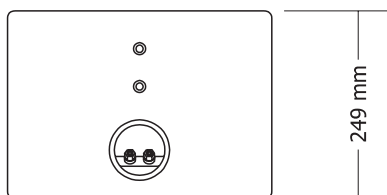
[iiii] Dispersion and directivity index (DI): measured with TEF and calculated by computer simulation with Ulysses.



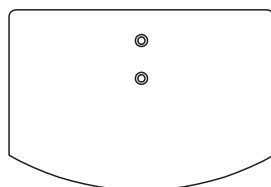
Front



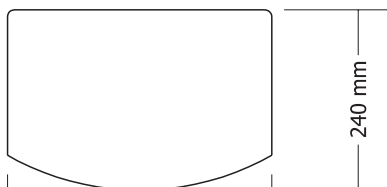
Side



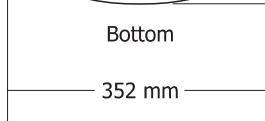
Rear



Top



Bottom



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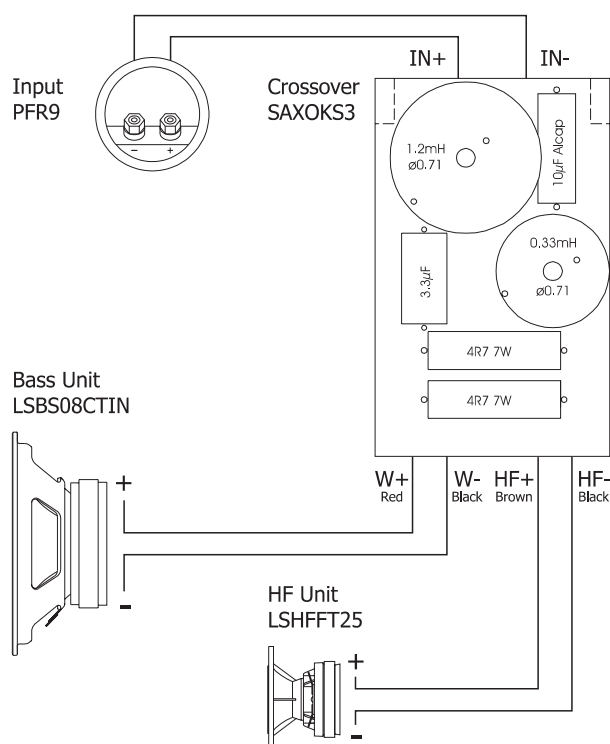
Architects' & Engineers' specifications

Compact, 2 way full range loudspeaker, 8" low mid driver with phase corrected 25mm bullet tweeter, internal passive crossover, smart radiused frontage, 18mm MDF finished in scratch resistant textured paint, powder coated steel grill with sculpted reticulated foam front. Enclosure is pre-prepared for use with dedicated cradle (KC-3) or the universal bracket (UB-1).

Technical Data:

Frequency Response: 60 Hz - 20 kHz (-10dB), 60 Hz - 20 kHz (± 3 dB), Max SPL: 111 dB (SPL peak/1 m), Power Handling: 100 Watt IEC268 RMS, Maximum Power Handling: 200 Watt / 250 Watt peak, Impedance Nominal: 8 ohm, Dispersion Nominal: 100° x 100° (hor. x vert.), Connectors: Touch-proof binding posts, Dimensions (H x W x D): 249 x 352 x 240mm, Weight: 6.5 kg, Options: Available in White, Grey and RAL-colours, on application.

Wiring diagram



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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 90 dB@1m can be hazardous to 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 OHM Ind. 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 datasheets.
7. Check your speaker hardware and flying material regularly for any visual or mechanical failure. Replace damaged or suspect items when necessary.
8. Only use OHM digital controllers such as the CRED. Only technicians authorised by OHM Ind. 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 the original date of purchase. At the discretion of OHM Ind. 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 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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