The first entry-level audiophile loudspeaker to incorporate DALI's patented SMC technology

Bringing experiences to life

# OBERON





IN ADMIRATION OF MUSIC

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# DALI OBERON is a breakthrough: it's the first entry-level audiophile loudspeaker to incorporate DALI's patented SMC technology, drastically reducing non-linear magnetic distortion.

So you can hear your favorite music like you've never heard it before.

With new oversized tweeters, wide-dispersion wood-fibre woofers and striking Danish cabinet design, DALI OBERON sets a new benchmark for affordable audiophile speakers. It's time to rediscover the magic of music.

DALI makes it easy to integrate your loudspeakers into any room. Both the driver materials and geometry applied in the OBERON series has been selected to achieve a wide dispersion pattern in the listening area. The same principles have been applied in the design of the crossover. Thus, you will experience a well-integrated sound, even when listening at a significant off-axis angle. This is important as you are rarely seated directly in front of your loudspeaker when listening to music. An added benefit is seriously reduced harmonic distortion and frequency distortion, as these will always be stronger in an on-axis response. This is also the reason why DALI speakers are not designed to be toed-in.

The DALI OBERON series is available in four finishes: Black Ash, White, Dark Walnut and Light Oak. Matched with a matte black or white front baffle. The rear mounted bass port ensures optimum integration within the room, and the elegantly shaped aluminium base gives the two floor-standing models a lighter look. The OBERON series also introduces a brand new front grille design with rounded edges that add a lighter and contemporary visual look to the speaker series. 'Mountain Grey' is the standard grille supplied with the light finishes while 'Shadow Black' is standard on the dark finishes, 'Marshmallow White' is available as an accessory.



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OBERON 9 Speakers

#### **DALI OBERON IN DEPTH**

#### 7" Mid Range Woofer

The woofers feature DALI's signature **wood-fibre cone**. The stiff but lightweight construction is supported in a low-loss surround, revealing the micro-details in your music with unswerving accuracy

#### **Tweeter**

The brand new 29 mm soft dome tweeter is built from material that is less than half the weight of most rivals (0.06mg per mm²) – keeping voice coil motion to a minimum to eradicate distortion

#### Twin 9" Woofers

Supported by twin 9" bass woofers. All three low loss drivers are optimised with a new wood fibre structured cone dedicated to reproducing the delicate midrange and bass frequency area. And when combined with the low loss surround and spider suspension, the OBERON 9 woofer reproduces the most minute details in the signal, unfiltered and with high accuracy.

# The piece car

#### **SMC Technology**

The magnet motor features a pole piece capped with SMC (soft magnetic compound), resulting in an improved flux field and dramatically reduced mechanical distortion

#### **Cabinet Design**

The cabinets are constructed from **rigid MDF board** with highgrade vinyls. Acoustic damping is carefully applied, leaving the reverse side of the front baffle undamped in order to produce more precise bass from the rear-mounted bass ports

We believe the science of sound should always be in service to the magic of music.



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#### **DALI OBERON 1**

The DALI OBERON 1 may be ultra-compact, but it still packs a mighty audio punch – making it the perfect solution for smaller rooms or discreet setups. Sporting our newly developed 29 mm soft dome tweeter and a 5¼-inch wood fibre woofer, OBERON 1 will fill your room with refined, expressive sound whether positioned on a bookshelf or wall-mounted. It can be placed as little as 1cm and as much as 50 cm from the wall and still deliver taut, powerful bass. Just like its bigger siblings, the OBERON 1 is packed withh DALI's proprietary technology – including the low-distortion SMC system – so you can enjoy music and movies just as they were meant to sound.

- **∜** One 5¼-inch woofer
- 1 1x 29 mm soft dome
- 274 x 162 x 234 mm

#### **DALI OBERON 3**

The DALI OBERON 3 combines ease of placement with true audiophile performance. The 29 mm soft dome tweeter seamlessly integrates with the larger 7-inch SMC-based woofer, producing breathtaking highs, detailed and crisp mids and flawless bass. Whether standmounted or placed on a bookshelf, the OBERON 3's wide dispersion guarantees a larger sweet spot – so you can immerse yourself in the best possible reproduction wherever you sit, stand or walk in the room. Beautiful to behold and offering the ideal marriage of convenience and audio excellence, the OBERON 3 provides a superior sound experience at a price to suit more pockets than any other audiophile-level loudspeaker.

- ¶ One 7-inch woofer
- (m 1x 29 mm soft dome
- ☑ 350 x 200 x 315 mm



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#### **DALI OBERON 5**

The floorstanding DALI OBERON 5 is designed for those that demand the best from their loudspeakers. The OBERON 5 houses two 51/4-inch wood fibre woofers, combined with the series' wide-bandwidth 29 mm soft dome tweeter to create a sound that is detailed, articulate and involving. With a deep bass, well-defined mid-range and strikingly clear, unforced highs, the OBERON 5 is equally at home with any music or movie soundtrack. Standing 83cm high, the OBERON 5 is nevertheless still slim enough to fit neatly into most home spaces, while delivering levels of performance that evokes the grace of the world's finest auditoriums.

**∜** Two 51⁄4-inch woofer

**(√** 1x 29 mm soft dome

830 x 162 x 283 mm

#### **DALI OBERON 7**

The big-hitter of the family, the DALI OBERON 7 brings it all together for the audio aficionado. Standing over a metre tall, this floorstanding speaker is built for epic performance without compromise. Two of the larger 7-inch, SMC-based woofers provide the mid-range and bass power to support the ultra-lightweight soft dome tweeter. This, combined with the large but elegantly styled and capacious cabinet, delivers the very best in resoundingly deep bass and an expressive performance that can fill the largest of rooms. But despite its stature, the OBERON 7 retains the detailed, balanced sound DALI is famous for - and will not fail to impress with its ability to render any musical genre in a natural and lifelike manner, even at lower volumes.

**∜** Two 7-inch woofer

( 1 x 29 mm soft dome

1015 x 200 x 340 mm





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#### **DALI OBERON 9**

Be prepared to be blown away by the huge stature and sound of the OBERON 9. The OBERON 9 features a dedicated 7" midrange driver supported by twin 9" bass woofers. All three low loss drivers are optimised with a new wood fibre structured cone dedicated to reproducing the delicate midrange and bass frequency area. Constructed from a blend of fine-grain paper pulp reinforced with wood fibres, the woofer creates a stiff, yet lightweight structure. And when combined with the low loss surround and spider suspension, the OBERON 9 woofer reproduces the most minute details in the signal, unfiltered and with high accuracy.

- **∜** Two 9-inch, One 7-inch woofer
- **(w** 1x 29 mm soft dome
- 2 1172 x 336 x 406 mm

### DALI OBERON ON-WALL

The DALI OBERON ON-WALL is a wonder: slim and discreet but surprisingly powerful. Featuring the same soft dome tweeter and 51/4-inch woofer as its compact siblings, OBERON ON-WALL utilises DALI's down-firing bass port system to deliver low-end power without the usual cabinet depth. The OBERON ON-WALL's unique combination of technologies create a speaker that, despite its compact size, will deliver precise, engaging audio like a much larger model - making it the ideal choice for wall-mounted stereo systems as well as multimedia surround-sound setups.

- One 5¼-inch woofer

  One 5½-inch woofer
- (m 1x29 mm soft dome
- 385 x 245 x120 mm



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#### DALI OBERON VOKAL

The centrepiece for any OBERON surround sound system, the DALI OBERON VOKAL has been designed to integrate perfectly with any of the other speakers in the series. With a 29 mm ultra-lightweight soft dome tweeter and two 51/4-inch wood fibre SMC-based woofers, the OBERON VOKAL centre speaker is designed to sit directly above or below your screen to deliver a precise, clear and detailed movie or concert soundtrack.

¶∿ Two 5¼-inch woofer

√w 1x29 mm soft dome

2 161 x 441 x 295 mm

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#### DALI OBERON GRAND VOKAL

The OBERON GRAND VOKAL is a full-range centre speaker for large rooms. With two upgraded 7-inch SMC-based woofers, an oversized 29 mm ultra-lightweight soft dome tweeter and a large cabinet, the GRAND VOKAL brings surround sound experiences to life with clean, powerful and undistorted dialogue, sounds effects and music.

A perfect match for OBERON 7 or OBERON 9 floorstanders. The bigger drivers and large cabinet construction deliver clean, powerful and undistorted dialogue, sound effects and music.

¶∿ Two 7-inch woofer

¶w 1x29 mm soft dome

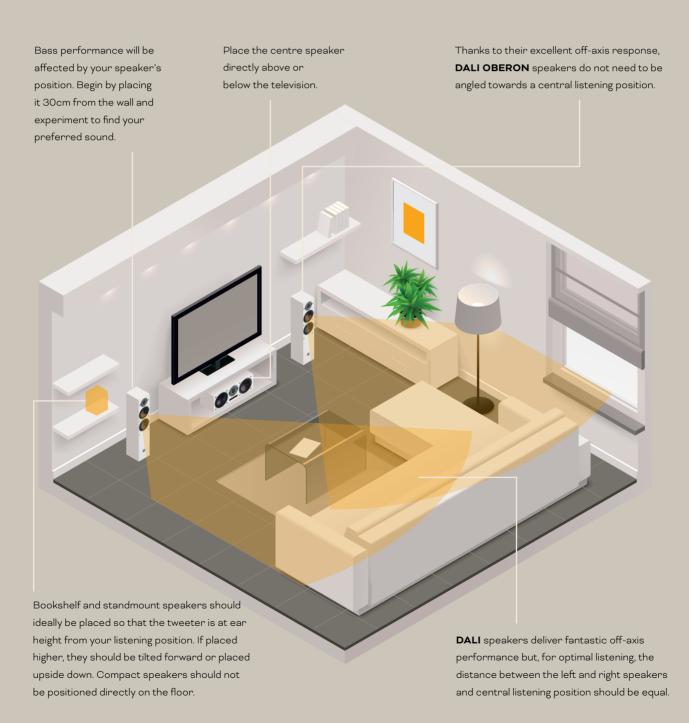
201 x 700 x 310 mm



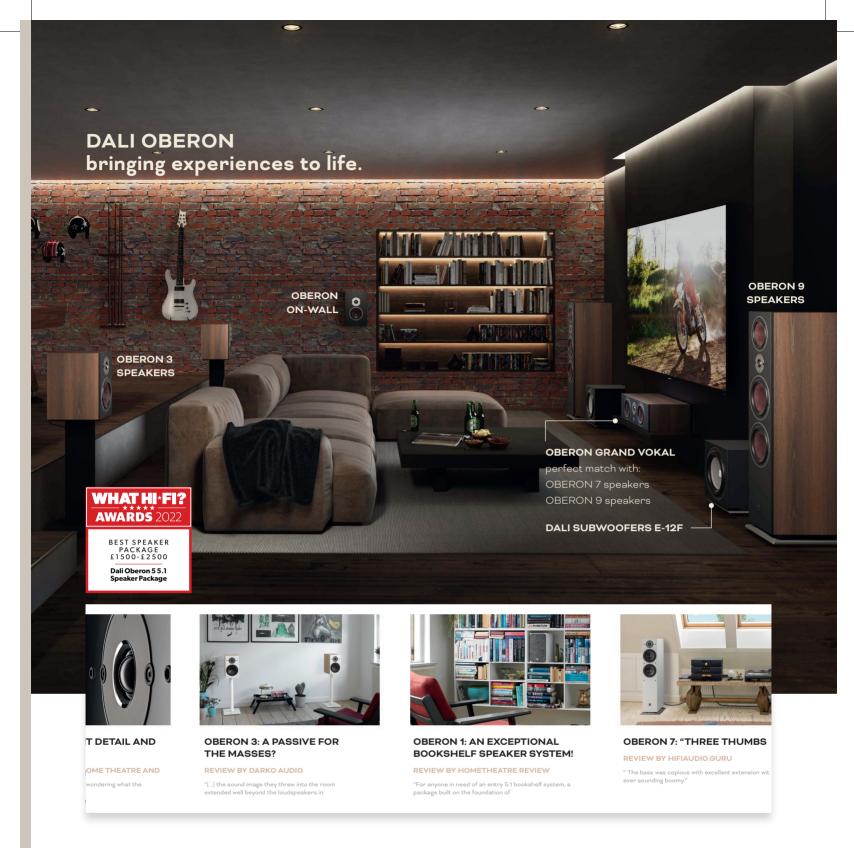
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#### Tips to Place Your DALI speakers

DALI loudspeakers are capable of exceptional performance, with a wide dispersion making placement much easier than with rival speakers. Here are some tips for getting the best out of them.



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#### PATENTED SMC

The iron pole piece of the OBERON woofer magnet is crowned by a patented SMC disk - minimizing the negative effects of the iron. The use of the SMC disk greatly reduces mechanical distortion, which lowers third order distortion. This allows for a longer listening pleasure, a relaxed midrange and a surprising amount of detail for its price class.



#### **EASY TO POSITION**

The driver materials, crossover design and geometry applied in the OBERON series has been selected to achieve a wide dispersion pattern. This ensures a well-integrated sound, even when listening at a significant off-axis angle. It also seriously reduced the harmonic distortion and diffractions causing frequency distortion.



#### WOOD FIBRE CONES

The OBERON series woofer features a wood fibre cone with a blend of fine grain paper pulp, reinforced with wood fibres, creates a stiff, light-weight and well-behaving structure. In combination with a low-loss surround and spider suspension, this cone reproduces the micro details in the signal unfiltered and with high accuracy.



#### CONTEMPORARY DESIGN

The rounded edges and rustic fabric of these new DALI front grilles add a lighter and more contemporary visual look to the OBERON series. This look is enhanced by the elegantly shaped aluminium base mounted on the two floor-standing models.

















| SPECIFICATIONS                                 | OBERON 9  | OBERON 7  | OBERON 5  | OBERON 3                                       | OBERON 1                                       | OBERON<br>ON-WALL                              | OBERON<br>GRAND VOKAL                   | OBERON<br>VOKAL                                |
|--|---|---|---|--|--|--|---|--|
| Frequency Range +/-<br>3 dB [Hz]               | 35 - 26,000                                     | 36 - 26,000                                       | 39 - 26,000                                     | 47 - 26,000                                    | 51 - 26,000                                    | 55 - 26,000                                    | 45-26,000                               | 47-26,000                                      |
| Sensitivity (2.83V/1m) [dB]                    | 90,5  | 88,5  | 88  | 87   | 86   | 86.5   | 91                                      | 89,5   |
| Nominal Impedance<br>[ohm]                     | 4   | 6   | 6   | 6  | 6  | 6  | 4                                       | 4  |
| Maximum SPL [dB]                               | 113   | 110   | 108   | 108  | 106  | 107  | 111                                     | 109  |
| Crossover Frequency<br>[Hz]                    | 780/3,400                                       | 2,300   | 2,400   | 2,400  | 2,800  | 2,100  | 2,500                                   | 2,600  |
| Crossover Principle                            | 3-way   | 2-way   | 2-way   | 2-way  | 2-way  | 2-way  | 2-way                                   | 2-way  |
| Recommended<br>Amplifier Power<br>[Watt]       | 50 - 400  | 30 - 180  | 30 - 150  | 25 - 150                                       | 25 - 100                                       | 25 - 100                                       | 25 - 200                                | 25 - 150                                       |
| High Frequency<br>Driver                       | 29 mm<br>Textile Dome                           | 29 mm<br>Textile Dome                             | 29 mm<br>Textile Dome                           | 29 mm<br>Textile Dome                          | 29 mm<br>Textile Dome                          | 29 mm<br>Textile Dome                          | 29 mm<br>Textile Dome                   | 29 mm<br>Textile Dome                          |
| Low Frequency<br>Driver/Mid-range<br>Driver(s) | 2 x 9" / 1 x 7"<br>Wood Fibre<br>Cone           | 2 x 7" Wood<br>Fibre Cone                         | 2 x 5,25" Wood<br>Fibre Cone                    | 1 x 7" Wood<br>Fibre Cone                      | 1 X 5.25" Wood<br>Fibre Cone                   | 1 X 5.25" Wood<br>Fibre Cone                   | 2×7"                                    | 2 x 5,25"                                      |
| Enclosure type                                 | Bass Reflex                                     | Bass Reflex                                       | Bass Reflex                                     | Bass Reflex                                    | Bass Reflex                                    | Bass Reflex                                    | Bass Reflex                             | Bass Reflex                                    |
| Bass Reflex Tuning<br>Frequency [Hz]           | 31  | 39,5  | 43  | 49   | 50   | 50   | 40                                      | 46   |
| Connection Input                               | Single Wire                                     | Single Wire                                       | Single Wire                                     | Single Wire                                    | Single Wire                                    | Single Wire                                    | Single Wire                             | Single Wire                                    |
| Recommended<br>Placement                       | Floor   | Floor   | Floor   | Shelf or Stand                                 | Shelf or Stand                                 | On-Wall  | Shelf or Stand                          | Shelf or Stand                                 |
| Distance from Wall [mm]/[inces]                | 20 - 80 /<br>0.89 - 3.14                        | 20 - 80 /<br>0.89 - 3.14                          | 15 - 80 /<br>0.59 - 3.14                        | 5 - 50 /<br>0.19 - 1.96                        | 1-50 /<br>0.03 -1.96                           | 0 - 10 /<br>0.03 - 0.39                        | 5 - 50 /<br>0.19 - 1.96                 | 0 - 50 /<br>0.03 - 1.96                        |
| Dimensions with Base (H x W x D) [mm]          | 1172 x 336 x<br>406                             | 1015 x 200 x<br>340                               | 830 x 162 x 283                                 | 350 x 200 x 315                                | 274 x 162 x 234                                | 385 x 245 x 120                                | 201 x 700 x 310                         | 161 x 441 x 295                                |
| Dimensions with Base (H x W x D) [inches]      | 46.14 x 13.2 x<br>15.98                         | 39.96 x 7.87 x<br>13.38                           | 32.67 x 6.37 x<br>11.14                         | 13.77 x 7.87 x<br>12.40                        | 10.78 x 6.37 x<br>9.21                         | 15.15 x 9.64 x<br>4.72                         | 7.9 x 27.5 x 12.2                       | 6.33 x 17.36 x<br>11.61                        |
| Weight [kg] / [lb]                             | 37,1 / 81.79                                    | 14,8 / 32,5                                       | 10,8 / 23,8                                     | 6,3 / 13,9                                     | 4,2 / 9,2                                      | 4,9 / 10,8                                     | 12,85 / 28,32                           | 7,45 / 16,4                                    |
| Available Finish                               | Black Ash,<br>Dark Walnut                       | Black Ash,<br>White, Light<br>Oak,<br>Dark Walnut | Black Ash,<br>White, Light Oak,<br>Dark Walnut  | Black Ash,<br>White, Light Oak,<br>Dark Walnut | Black Ash,<br>White, Light Oak,<br>Dark Walnut | Black Ash,<br>White, Light Oak,<br>Dark Walnut | Black Ash,<br>Dark Walnut               | Black Ash,<br>White, Light Oak,<br>Dark Walnut |
| Accessories incl.                              | Manual, Spikes,<br>Rubber Feet,<br>Front Grille | Manual, Spikes,<br>Rubber Feet,<br>Front Grille   | Manual, Spikes,<br>Rubber Feet,<br>Front Grille | Manual,<br>Rubber Feet,<br>Front Grille        | Manual,<br>Rubber Feet,<br>Front Grille        | Manual,<br>Rubber Feet,<br>Front Grille        | Manual,<br>Rubber Feet,<br>Front Grille | Manual,<br>Rubber Feet,<br>Front Grille        |

All technical specifications are subject to change without notice

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## MAKE HI-FI ACCESSIBLE TO ALL

We create contemporary products that in design, performance and price enable anyone to enjoy the best possible sound reproduction.



**DALI OBERON SERIES** 

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