DALI OPTICON MK2

True HiFi!
- Passion for detail



OPTICON 1 MK2
OPTICON 2 MK2
OPTICON 6 MK2
OPTICON 8 MK2
OPTICON LCR MK2
OPTICON VOKAL MK2

DALI

IN ADMIRATION OF MUSIC



The OPTICON MK2 speaker range majors on clear, undistorted, enjoyable and coherent audio - perfectly complementing music, radio, streaming, TV or movie sources. We've improved the Hybrid Tweeter faceplate and introduced Dual Flare ports to an already great speaker, resulting in more clarity and clout. All made in Denmark.

The new OPTICON MK2 hybrid tweeter marries the CALLISTO-derived 29 mm soft dome to a custom 17 x 45 mm ribbon - mounted on a cast aluminium faceplate. This combination offers the clarity, speed and dynamics of a dome tweeter, with the very high-frequency detail and smooth finesse of a ribbon tweeter.

The newly introduced OPTICON MK2 Dual Flare technique introduces exit and entry flares carefully designed to minimise turbulence. Dual Flare enables OPTICON MK2 reflex ports to reinforce low-frequency performance to a significantly higher volume level than would otherwise be possible.

DALI OPTICON MK2 Series



OPTICON 1 MK2

OPTICON 2 MK2

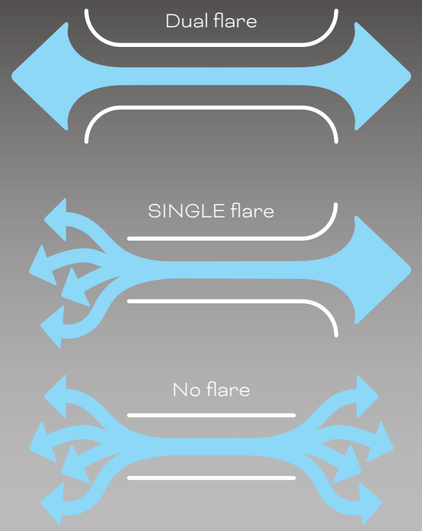
OPTICON 6 MK2

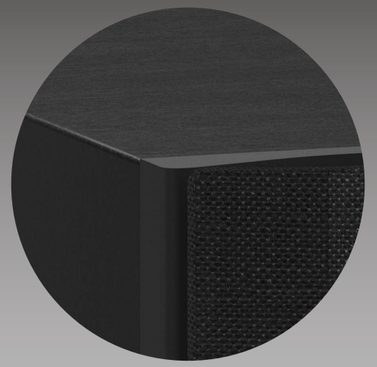
OPTICON 8 MK2

OPTICON LCR MK2

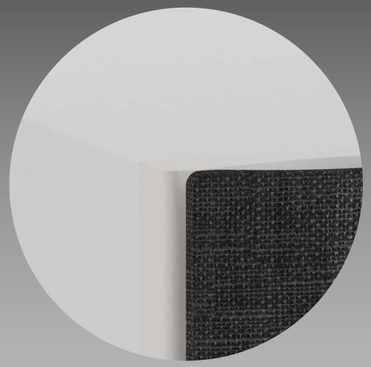
OPTICON VOKAL MK2

Dual Flare ports reduce port turbulence, thus delivering precise low-frequency performance at a higher volume level without audible compression and distortion.





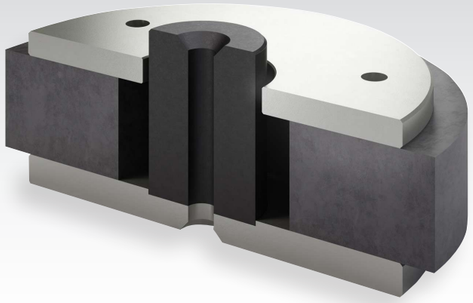
Cabinet: Satin Black
Grille: Shadow Black



Cabinet: Satin White
Grille: Mountain Grey

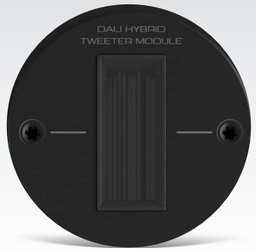


Cabinet: Tobacco Oak
Grille: Shadow Black



Improved hybrid tweeter

A 29 mm soft dome with a custom 17 x 45 mm ribbon - mounted on a cast aluminium faceplate which improves resonance damping and incorporates dispersion control detailing.



DALI Ribbon element

The ribbon element begins to contribute from 10kHz upwards; just as the response of the soft-dome element is beginning slowly to fall away and become more directional.



DALI Soft dome tweeter

The new unique light-weight 29 mm soft dome tweeter is derived from CALLISTO C and offers lower distortion, higher power handling, and an ability to operate at lower frequencies.



DALI SMC Technology

The SMC used in OPTICON MK2's magnet motor system has very high magnetic permeability and very low electrical conductivity. It works primarily by minimising eddy currents in the magnet system pole piece. This improves flux linearity, reducing the magnetic hysteresis and resulting in a significant reduction of electro-acoustic distortion.



DALI OPTICON
1 MK2

The OPTICON 1 MK2 is a compact stand-mount speaker designed to be installed close to room boundaries, while the Dual Flare reflex-loaded enclosure enables the OPTICON 1 MK2 to deliver remarkable bass performance for its size that integrates perfectly with the inherent midrange and high-frequency quality of its drivers.



DALI OPTICON
2 MK2

The OPTICON 2 MK2 is a mid-sized stand mount speaker with a 6½" woofer and a 29 mm soft dome tweeter. It has a natural talent for high-performance audio in compact to medium size listening spaces where it has room to breathe and deliver its dynamic and explicitly defined performance.



DALI OPTICON
6 MK2

The internal volume of the floor-standing OPTICON 6 MK2 achieves a significant low-frequency extension and bass volume level. It combines that bass performance with brilliant, midrange clarity and the sparkling high-frequencies that are characteristic of the DALI hybrid tweeter.



DALI OPTICON
8 MK2

The large-scale, floor-standing OPTICON 8 MK2 is the powerhouse of the new OPTICON MK2 family - the only three-way system in the series. The speaker combines immense low-frequency bandwidth, volume potential and dynamic accuracy with the extraordinary detail and clarity from the dedicated midrange driver. The OPTICON 8 MK2 offers an extended low-frequency profile suitable for large listening spaces with more distant room boundaries.



DALI OPTICON
LCR MK2

With airy high-frequencies, expressive midrange and surprisingly extended bass, the OPTICON LCR MK2 is an on-wall speaker that delivers genuine hi-fi performance. The OPTICON LCR MK2 has everything covered – from conventional stereo through TV audio to multi-channel home theatre applications.



DALI OPTICON
VOKAL MK2

The OPTICON VOKAL MK2 is specifically voiced to play the centre channel role, but at the same time, it displays all the characteristic qualities that enable it to dovetail perfectly in a full OPTICON MK2 audio-visual system.








DALI OPTICON	1 MK2	2 MK2	6 MK2	8 MK2	LCR MK2	VOKAL MK2
Frequency Range +/- 3 dB	62 - 25.000 Hz	59 - 25.000 Hz	49 - 30.000 Hz	38 - 30.000 Hz	70 - 30.000 Hz	47 - 30.000 Hz
Sensitivity (2.83V/1m)	85 dB	86,5 dB	88 dB	88.5 dB	89 dB	88 dB
Nominal Impedance	4 ohm	4 ohm	4 ohm	4 ohm	4 ohm	4 ohm
Maximum SPL	105 dB	107 dB	110 dB	112 dB	109 dB	109 dB
Recommended Amplifier Power	25-100 Watt	30-150 Watt	25-200 Watt	40 - 300 Watt	30-150 Watt	30-150 Watt
Crossover frequency	3.000 Hz	2.000 Hz	800 / 2,200 / 14,000 Hz	380 / 2,200 / 14,000 Hz	2.800 / 14.000 Hz	2.400 / 14.000 Hz
Crossover principle	2-way	2-way	2½+½-way	3+½-way	2+½-way	2+½-way
High Frequency Driver	1 x 29 mm soft dome	1 x 29 mm soft dome	1 x 29 mm soft dome 1 x 17 x 45 mm ribbon	1 x 29 mm soft dome 1 x 17 x 45 mm ribbon	1 x 29 mm soft dome 1 x 17 x 45 mm ribbon	1 x 29 mm soft dome 1 x 17 x 45 mm ribbon
Low Frequency Driver/ Mid-range Driver(s)	1 x 4¾”	1 x 6½”	2 x 6½”	2 x 8” / 1 x 6½”	1 x 6½”	1 x 6½”
Enclosure type	Bass reflex	Bass reflex	Bass reflex	Bass reflex (mid-range closed box)	Bass reflex	Bass reflex
Bass Reflex Tuning Frequency	60 Hz	46 Hz	43.5 Hz	29.5 Hz	45 Hz	44 Hz
Connection Input(s)	Single	Single	Bi-wire / Bi-amp	Bi-wire / Bi-amp	Single	Single
Recommended placement	Stand/Shelf/Wall	Stand/Shelf	Floor	Floor	On-wall/Shelf	Shelf
Recommended distance from rear wall to speaker's rear panel	2 - 80 cm 1 - 32 inches	10 - 80 cm 4 - 32 inches	20 - 100 cm 8 - 39 inches	30 - 150 cm 12 - 59 inches	0 - 10 cm 0 - 4 inches	0 - 30 cm 0 - 12 inches?
Dimensions (H x W x D)	261 x 152 x 231 mm 10.28 x 6.0 x 9.1 inched	351 x 195 x 297 mm 13.8 x 7.7 x 11.7 inched	1001 x 195 x 330 mm 39.4 x 7.7 x 13.0 inched	1141 x 241x 450 mm 44.9 x 9.5 x 18.1 inched	482 x 285 x 128 mm 19 x 11.2 x 5 inched	201 x 435 x 312 mm 7.9 x 17.1 x 12.3 inched
Weight [kg/lb]	4.6 kg / 10.1 lb	7.7 kg / 16.9 lb	13.3 kg / 42.5 lb	34.0 kg / 74.9 lb	8.0 kg / 17.6 lb	9.2 kg / 20.2 lb
Included accessories	Rubber feet, manual	Rubber feet, manual	Spike set, rubber feet, manual	Spike set, rubber feet, manual	Rubber feet, manual	Rubber feet, manual