INTELHOME
tecnología y diseño

DALI PHANTOM M

WHITE PAPER

M-250
M-375
M-675

DALI

IN ADMIRATION OF MUSIC

A long story in short

Builtonexperiencefromthe highly acclaimedDALI PHANTOM S-Series, DALI proudly presents the slimline PHANTOM M-Series in-wall speakers.

DALI PHANTOM M-SERIES

The DALI PHANTOM M-Series is slim and versatile and comprises DALI PHANTOM M-250, the more advanced DALI PHANTOM M-375, and, perfect for generous spaces and more ambitious audio systems, the M-675.

M-SERIES SOUND

The DALI PHANTOM M-Series creates spacious andThe DALI PHANTOM M-250 incorporates two 5 inch bass involving sound, regardless of whether you listen actively or passively. And as with all DALI speakers, the PHANTOM M-drivers working with two generously flared bass reflex ports. Series offers DALI's signature wide dispersion for room-filling sound.

M-SERIES ENCLOSURES

The two smaller DALI PHANTOM M-Series models, the M-250 and M-375, share common dimensions of 250 mm width, 775 mm height and just 100 mm depth, while the larger M-675 shares the same depth and width but adds a further 545 mm to the height. The enclosure for all three models is constructed from structural, glass filled ABS combined with a wood composite front panel. The result is hugely rigid and almost completely inert.

M-SERIES BASS/MIDRANGE DRIVERS

The DALI PHANTOM M-375 integrates a larger, 7 inch bass driver matched with two 7 inch passive radiators.

The DALI PHANTOM M-675 expands on the M-375 to integrate two 7 inch bass drivers matched with four 7 inch passive radiators.

DALI PHANTOM M-375

DALI PHANTOM M-250

DALI PHANTOM M-675

DALI PHANTOM M-Series

The DALI PHANTOM M-Series comprises three high performance models, all versatile, slim and flexible in application.

All three M-Series models were developed with multi-channel applications in mind, and can be mounted in either portrait or landscape orientation. And all three models are equally suited to front, centre or surround channel roles.

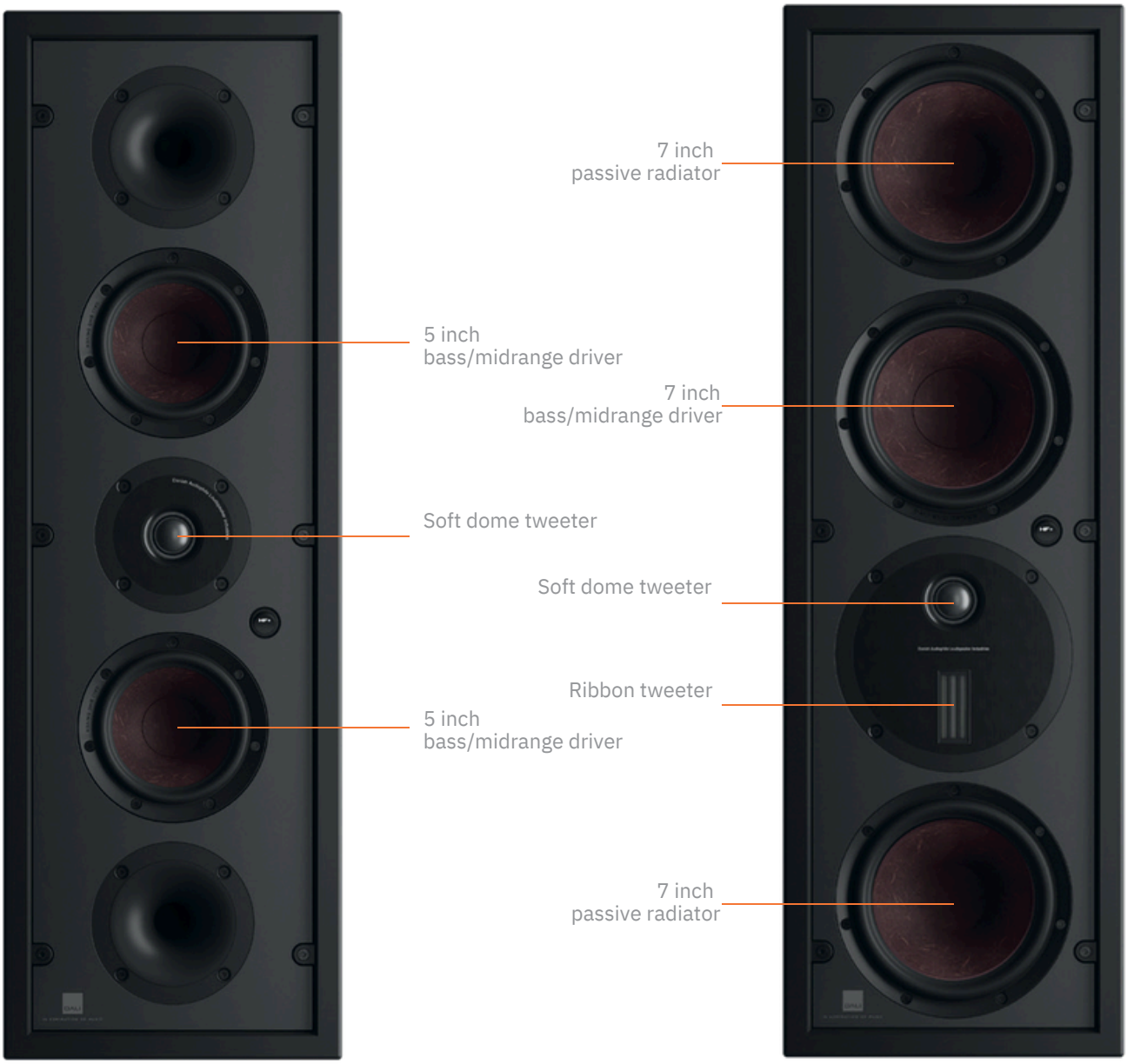
Additionally, as all three models express DALI's long-standing speaker design principles, they can also work perfectly in a custom installed conventional stereo hi-fi system.

DALI PHANTOM M-250

The M-250 utilisestwo relatively compact bass/ midrange drivers, loaded by twin port reflex ports and integrated with a high performance soft dome tweeter.

DALI PHANTOM M-375

The M-375 is configured with a larger bass/ midrange driver matched with two passive radiators and integrated with a hybrid soft dome and a ribbon tweeter.



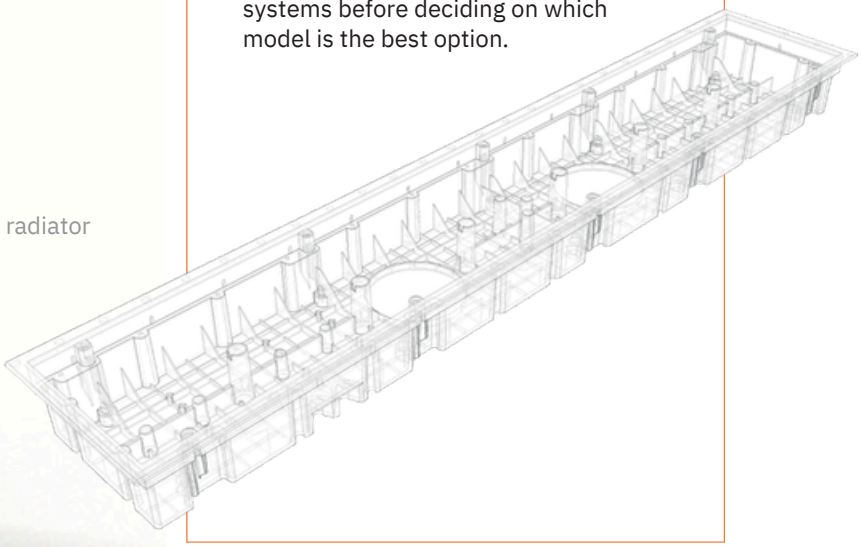
DALI PHANTOM M-675

The M-675employstwo bass/midrange

drivers related to the M-375 but upgraded with enhanced surround and voice-coil components. They are matched with four passive radiators in a larger enclosure. Like the M-375, the M-675 utilises DALI's unique hybrid soft dome and ribbon tweeter.

All three DALI PHANTOM M-Series models employ a similar enclosure construction of structural glass reinforced ABS combined with rigid 21 mm thick MDF front panels. Complex internal bracing helps ensure immense mechanical rigidity.

A useful benefit of the common enclosure dimensions of the M-275 and M-375 is that they also share wall aperture and on-wall frame dimensions. This means that customers can try both models in their homes and systems before deciding on which model is the best option.



Technical specifications

DALI PHANTOM	M-250	M-375	M-675
Frequency range	58 - 24,000 Hz ±3 dB	57 - 25,000 Hz ±3 dB	49 - 25,000 Hz ±3 dB
Sensitivity	89 dB @ 1 m for 2.83 V	89 dB @ 1 m for 2.83 V	90 dB @ 1 m for 2.83 V
Nominal impedance	6 ohm	6 ohm	4 ohm
Maximum SPL	107 dB	107 dB	110 dB
Crossover frequency	2,700 Hz	2,500 / 15,000 Hz	1,000 / 2,800 / 15,000 Hz
Recommended amplifier power	30 - 180 Watt	30 - 180 Watt	40 - 300 Watt
High frequency driver	1 x 28 mm soft dome	1 x 28 mm soft dome	1 x 28 mm soft dome
High frequency diaphragm	Soft woven fabric	1 x 17 x 45 mm ribbon	1 x 17 x 45 mm ribbon
Low frequency driver/ Mid-range driver	2 x 5 inch	Soft woven fabric	Soft woven fabric
Low/Mid frequency diaphragm	Wood fibre cone	1 x 7 inch	2 x 7 inch
Connection input	Single wire	Wood fibre cone	Wood fibre cone
Enclosure type	Bass reflex enclosure, 2 x ports	Single wire	Single wire
Functions	Normal / HF+	Tuned mass enclosure, 2 x 7 inch passive radiators	Tuned mass enclosure, 4 x 7 inch passive radiators
Installation location	In-wall / On-wall	Normal / HF+	Normal / HF+
Recommended placement	Front / Centre / Rear / Surround	In-wall / On-wall	In-wall / On-wall
Dimensions (H x W x D)	775 x 250 x 106 mm	Front / Centre / Rear/ Surround	Front / Centre / Rear / Surround
Cut-out dimensions (H x W x D)	340.1.x5 7 9.8 x	775 x 250 x 106 mm	1322 x 250 x 106 mm
Installation depth	inches 751 x 226 x	30.5 x 9.8 x 4.17	52 x 9.8 x 4.17 inches
Panel thickness	105 mm 29.6 x 8.9 x	inches 751 x 226 x	1298 x 226 x 105 mm
Panel thickness (Reversed doglegs)	4.13 inches 100 mm	105 mm 29.6 x 8.9 x	51.1 x 8.9 x 4.13 inches
Weight	3.94 inches	4.13 inches 100 mm	100 mm
Shipping weight	8 - 48 mm	3.94 inches	3.94 inches
Finish	0.3 - 1.9 inches	8 - 48 mm	8 - 48 mm
Accessories	48 - 68 mm	0.3 - 1.9 inches	0.3 - 1.9 inches
Optional accessories	1.9 - 2.7 inches	48 - 68 mm	48 - 68 mm
	9 kg	1.9 - 2.7 inches	1.9 - 2.7 inches
	19.8 lb	9.18 kg	16 kg
	10 kg	20.2 lb	35.2 lb
	22 lb	10.2 kg	17.7 kg
	White	22.5 lb	39 lb
	Man ual	White Manual Cut-out	White
	Cut-out template Front grille	template Front grille	Manual
	On-wall frame	On-wall frame	Cut-out template Front grille On-wall frame

All technical specifications are subject to changewithoutnotice.