



Achromatic

Achromatic System

Perfection of Cinema Style

DRIVE UNIT TECHNOLOGY

A brand new aluminium inverted dome drive unit has been developed specifically for the Achromatic series. The high-sensitivity voice-coil, mounted on a Kapton former is directly coupled to the edge of the inverted dome with a stabilised butyl rubber half-roll surround. An audiophile standard suspension unit provides damping and a large, high gauss ferrite magnet system provides exceptional drive – plenty to produce the long cone excursions required to reproduce even the most dynamic transients.

By using line-arrays of these excellent 3" drivers, bass extension is further improved. Each drive unit is actively driven, resulting in a full, powerful and well integrated sound.

The tweeter unit is a refined 25mm soft-dome driver with a copper-coated aluminium voice coil. Cooled with ferro-fluid, to maintain a constant operating temperature and avoid thermal compression, the tweeter is capable of a resolution well beyond 20kHz – and far above the upper threshold of human hearing. Arrays of long-throw 3" drivers are used for the bass and mid-range frequencies of all the satellite speakers.

Wharfedale

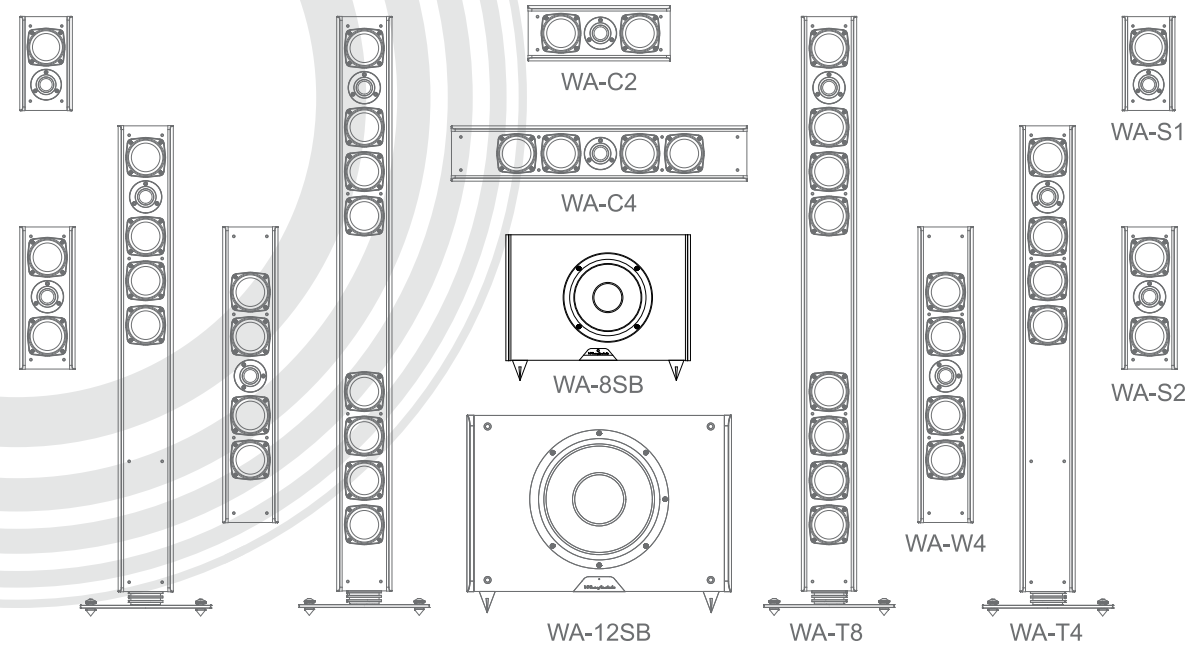
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Wharfedale

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SPECIFICATIONS

<< MICRO >>

	WA-S1	WA-C2	WA-T4	WA-8SB
Format	surround small	centre small	tower	subwoofer
Enclosure type	sealed	sealed	sealed	reflex
Bass	1 x 80mm	2 x 80mm	4 x 80mm	200mm 8"
Tweeter	25mm	25mm	25mm	-
rec amplifier	10 -100 w	10 - 120 w	10 - 150 w	100 w
Nom. Imp	8ohm	8ohm	8ohm	250mv for 75 w
Sens. 1W @ 1M	84 db	87 db	88 db	107 db
Freq Range at -6 dB	130 - 20k	120hz -20khz	120hz -20khz	40 - 130 hz
Dimensions (Hx W xD) mm	201 x 115 x 76	115 x 289 x 76	115 x 76 x 945	310 x 400 x 180
WxD plinth	-	-	270 x 240	variable xover,35-85hz,10db steps phase reverse, auto power, defeat
finishes	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette
net weight	1.1kg	2.2kg	6.0kg	10.2kg

<< BASIK >>

	WA-S1	WA-C2	WA-T4	WA-12SB
Format	surround small	centre small	tower	subwoofer
Enclosure type	sealed	sealed	sealed	reflex
Bass	1 x 80mm	2 x 80mm	4 x 80mm	300mm 12"
Tweeter	25mm	25mm	25mm	-
rec amplifier	10 -100 w	10 - 120 w	10 - 150 w	100 w
Nom. Imp	8ohm	8ohm	8ohm	200mv for 75 w
Sens. 1W @ 1M	84 db	87 db	88 db	112 db
Freq Range at -6 dB	130 - 20k	120hz -20khz	120hz -20khz	38 -130 hz
Dimensions (Hx W xD) mm	201 x 115 x 76	115 x 289 x 76	115 x 76 x 945	445 x 600 x 250
WxD plinth	-	-	270 x 240	variable xover,35-85hz,10db steps phase reverse, auto power, defeat
finishes	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette
net weight	1.1kg	2.2kg	6.0kg	20.7kg

<< SUPRO >>

	WA-S2	WA-C4	WA-T8	WA-12SB
Format	surround large	centre large	tower grand	subwoofer
Enclosure type	sealed	sealed	sealed	reflex
Bass	2 x 80mm	4 x 80mm	8 x 80mm	300mm 12"
Tweeter	25mm	25mm	25mm	-
rec amplifier	10 -120 w	10 - 150 w	10 - 175 w	100 watts
Nom. Imp	8ohm	8ohm	8ohm	200mv for 75 w
Sens. 1W @ 1M	87 db	90 db	90 db	112 db
Freq Range at -6 dB	120 - 20k	110hz -20khz	80hz -20khz	38 - 130 hz
Dimensions (Hx W xD) mm	289 x 115 x 76	115 x 600 x 76	1165 x 115 x 76	445 x 600 x 250
WxD plinth	-	-	270 x 240	variable xover,35-85hz,10db steps phase reverse, auto power, defeat
finishes	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette
net weight	1.7kg	4 .2kg	7.88kg	20.7kg

<< L/C/R >>

	WA-W4	WA-C4	WA-T4	WA-8SB
Format	tower	centre large	tower	subwoofer
Enclosure type	sealed	sealed	sealed	reflex
Bass	4 x 80mm	4 x 80mm	4 x 80mm	200mm 8"
Tweeter	25mm	25mm	25mm	-
rec amplifier	10 - 150 w	10 - 150 w	10 - 150 w	100 w
Nom. Imp	8ohm	8ohm	8ohm	200mv for 75 w
Sens. 1W @ 1M	88 db	90 db	88 db	107 db
Freq Range at -6 dB	120hz -20khz	110hz -20khz	120hz -20khz	40 - 130 hz
Dimensions (Hx W xD) mm	115 x 76 x 945	115 x 600 x 76	115 x 76 x 945	310 x 400 x 180
WxD plinth	270 x 240	-	270 x 240	variable xover,35-85hz,10db steps phase reverse, auto power, defeat
finishes	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette
net weight	6.0kg	4 .2kg	6.0kg	10.2kg

<< ULTIMO >>

	WA-T4	WA-C4	WA-T8	WA-12SB
Format	tower	centre large	tower grand	subwoofer
Enclosure type	sealed	sealed	sealed	reflex
Bass	4 x 80mm	4 x 80mm	8 x 80mm	300mm 12"
Tweeter	25mm	25mm	25mm	-
rec amplifier	10 - 150 w	10 - 150 w	10 - 175 w	100 w
Nom. Imp	8ohm	8ohm	8ohm	200mv for 75 w
Sens. 1W @ 1M	88 db	90 db	90 db	112 db
Freq Range at -6 dB	120hz -20khz	110hz -20khz	80hz -20khz	38 - 130 hz
Dimensions (Hx W xD) mm	115 x 76 x 945	115 x 600 x 76	1165 x 115 x 76	445 x 600 x 250
WxD plinth	270 x 240	-	270 x 240	variable xover,35-85hz,10db steps phase reverse, auto power, defeat
finishes	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette	hi gloss black / soft leatherette
net weight	6.0kg	4 .2kg	7.88kg	20.7kg

