The Future is Carbon

The Odyssey Range

Carbon Fibre,
Advanced Composite
Technology,
Poly Alloy Architecture

Curve phase pure 2.5 way

A floor standing design of impeccable credentials, Within its tiny foot print, is a volume of air that enables the Tactic drive units to respond like only floorstanders can, but unlike conventional floorstanding designs, there is a complete absence of cabinet noise.

The fine lines are punctuated by precision Wilson Benesch engineered functional accents that convey a sense of determined, obstinate, solidity when it comes to unwanted resonances.

Acoustically the design is clean, precise and highly communicative, giving a little more to bass energy than the A.C.T. design, pictured below, from which it borrows so very much.

A.C.T. phase pure 2.5 way

Balance is a critical factor in all good design and in the A.C.T. there is no finer balance. The cabinet is assembled, as you would expect from a Wilson Benesch loudspeaker, by hand from materials technologies that you would commonly see in Formula One race cars or advanced fighter aircraft. They represent the most advanced cabinet structures ever created by a loudspeaker company and are quite unique.

Acoustically, the A.C.T. is capable of communicating the finest nuances of the event. It achieves this without addition or embelishment of any kind. It is a sense of naturalness, that is perhaps the greatest strength of this time honored design. Few if any have stood this most demanding test.

Arc

Showing little, if any mercy to convention, the engineering prowess of the Arc redefined the stand mounted loudspeaker. Millions of carbon fibres are juxtaposed with precision extruded alloy sections, achieving an attractive but highly functional form. Driven by function like all good design,

This design could lay claim to numerous achievements but without doubt its versatility and industry standard signal to noise ratio are beyond question. It is a great communicator, taking any type of program and reproducing it in the most sincere way, according to the quality of the recording.

Discovery *isobaric inside*

Conceptually unique, this virtual point source, full range loudspeaker. has been precisely optimised, to extract the absolute maximum from the smallest enclosure. Its electrostatic qualities are underpinned by lightening fast dynamics, that leave the listener with nothing but effortless sound.

A visually striking design, it is instilled with timeless qualities that defy convention. The design is quite simply beyond categorisation. Yet, it achieves this without vulgar over statement or trivial additions.

Acoustically its principle achievement is the staggering depth of field and vast soundstage. The Discovery is the Harry Houdini of loudspeakers, disappearing as it so easily does without a trace.

Chimera

isobaric inside phase pure 2.5 way

A floor standing design that finds itself deployed across the world in some of the most demanding music rooms. The Chimera exudes quality on every level. It is assembled from elements that require many days of hand work before they are even ready for assembly. Of course it would not be a Wilson Benesch if it were not highly innovative and somewhat unconventional. The differences are considerable, and reflect perhaps most clearly the achievements that flowed from the D.T.I. (Department of Trade & Industry) funded Bishop research Project. This empowers the Chimera, setting the highest standard in low frequency dynamics, that exceed those of the super fast Tactic mid range unit! No other loudspeaker can make such a claim. A unique development path.

Centre

phase pure 2.5 way

The most versatile of all Wilson Benesch loudspeakers, the Centre is an extremely powerful, compact and of course visually discrete design. When asked to do so, it will relish a fire fight or atomic explosion and in the next breath deliver the most subtle expressions of an Ennio Morricone soundtrack. Like all Wilson Benesch designs its main strength is the sound field that extends well beyond the constraints of its super rigid enclosure. Add to this the sweet un-fatiguing high frequency and seamless integration across an extra ordinary bandwidth and you have a giant killing package.

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Odyssey Range Specifications

	Arc	Discovery	Curve	A.C.T	Centre	Chimera
Description	2 way, true linear phase, free space, ported enclosure, stand mounted monitor	2.5 way, true linear phase, free space, ported enclosure, integral stand mounted monitor	2.5 way, true linear phase, free space, ported enclosure, floorstanding monitor	2.5 way, true linear phase, free space, ported enclosure, floorstanding monitor	2.5 way, true linear phase, free space, ported enclosure, integral stand mounted monitor	2.5 way, true linear phase, free space, ported enclosure, floor standing loudspeaker
Drive units	1 x 170mm (7 in) Wilson Benesch Tactic bass / mid range unit 1 x 25mm (1 in) Soft dome, hand painted silk, ultra linear Wilson Benesch specification tweeter	2 x 170mm (7 in) Wilson Benesch Tactic Isobaric bass units 1 x 170mm (7 in) Wilson Benesch Tactic bass / mid range unit 1 x 25mm (1 in) Soft dome, hand painted silk, ultra linear Wilson Benesch specification tweeter	1 x 170mm (7 in) Wilson Benesch Tactic bass unit 1 x 170mm (7 in) Wilson Benesch Tactic bass / mid range unit 1 x 25mm (1 in) Soft dome, hand painted silk, ultra linear Wilson Benesch specification tweeter	1 x 170mm (7 in) Wilson Benesch Tactic bass unit 1 x 170mm (7 in) Wilson Benesch Tactic bass / mid range unit 1 x 25mm (1 in) Soft dome, hand painted silk, ultra linear Wilson Benesch specification tweeter	1 x 170mm (7 in) Wilson Benesch Tactic Isobaric bass unit 1 x 170mm (7 in) Wilson Benesch Tactic bass / mid range unit 1 x 25mm (1 in) Soft dome, hand painted silk, ultra linear Wilson Benesch specification tweeter	4x 170mm (7 in) Wilson Benesch Tactic Isobaric bass units 1 x 170mm (7 in) Wilson Benesch Tactic bass / mid range unit 1 x 25mm (1 in) Soft dome, hand painted silk, ultra linear Wilson Benesch specification tweeter 1 x 170mm (7 in) Wilson Benesch Tactic ABR unit
Low frequency loading	Double reflex port tuning	Double chamber, differential reflex tuning of conventional and isobaric bass drivers	Bessel alignment of fourth order reflex. Double chamber, differential tuning	Bessel alignment of fourth order reflex. Double chamber, differential tuning	Double chamber, differential reflex tuning	Double chamber, ABR tuning of conventional drivers
Frequency range	-6dB at 42Hz and 30kHz -3dB at 45Hz and 25kHz	-6dB at 38Hz and 30kHz -3dB at 42Hz and 25kHz	-6dB at 32Hz and 30kHz -3dB at 35Hz and 25kHz	-6dB at 32Hz and 30kHz -3dB at 35Hz and 25kHz	-6dB at 40Hz and 30kHz -3dB at 43Hz and 25kHz	-6dB at 25Hz and 30kHz -3dB at 34Hz and 25kHz
Frequency response	46Hz to 24kHz +- 2dB on axis	45Hz to 24kHz +- 2dB on axis	35Hz to 24kHz +- 2dB on axis	35Hz to 24kHz +- 2dB on axis	45Hz to 24kHz +- 2dB on axis	36Hz to 24kHz +- 2dB on axis
Sensitivity	88dB spl at 1metre on axis. 2.83V input	88dB spl at 1metre on axis. 2.83V input	88dB spl at 1metre on axis. 2.83V input	88dB spl at 1metre on axis. 2.83V input	88dB spl at 1metre on axis. 2.83V input	88dB spl at 1metre on axis. 2.83V input
Impedance	6 Ohms nominal, 4 ohms minimum	6 Ohms nominal, 4 ohms minimum	6 Ohms nominal, 4 ohms minimum	6 Ohms nominal, 4 ohms minimum	6 Ohms nominal, 4 ohms minimum	4 Ohms nominal, 2.5 ohms minimum
Crossover	First order mid range crossover Second order tweeter crossover Selected polypropylene capacitors and air cored inductors are used throughout	First order bass roll-off First order mid range crossover Second order tweeter crossover Selected polypropylene capacitors and air cored inductors are used throughout	First order bass roll-off Second order mid range and tweeter crossover Selected polypropylene capacitors and air cored inductors are used throughout	First order bass roll-off Second order mid range and tweeter crossover Selected polypropylene capacitors and air cored inductors are used throughout	First order bass roll-off First order mid range crossover First order tweeter crossover Selected polypropylene capacitors and air cored inductors are used throughout	First order bass roll-off First order mid range crossover Second order tweeter crossover Selected polypropylene capacitors and air cored inductors are used throughout
Crossover frequencies	5kHz	500Hz / 5kHz / 5kHz	500Hz / 5kHz / 5kHz	500Hz / 5kHz / 5kHz	500Hz / 5kHz / 5kHz	500Hz / 5kHz / 5kHz
Internal wiring	Multi stranded, silver plated copper, PTFE jacketed cable harnesses Soldered connections throughout Shortpath P.C.B. design Links supplied for single or bi-wire applications	Multi stranded, silver plated copper, PTFE jacketed cable harnesses Soldered connections throughout Shortpath P.C.B. design Links supplied for single or bi-wire applications	Multi stranded, silver plated copper, PTFE jacketed cable harnesses Soldered connections throughout Shortpath P.C.B. design Links supplied for single or bi-wire applications	Multi stranded, silver plated copper, PTFE jacketed cable harnesses Soldered connections throughout Shortpath P.C.B. design Links supplied for single or bi-wire applications	Multi stranded, silver plated copper, PTFE jacketed cable harnesses Soldered connections throughout Shortpath P.C.B. design Links supplied for single or bi-wire applications	Multi stranded, silver plated copper, PTFE jacketed cable harnesses Soldered connections throughout Shortpath P.C.B. design Links supplied for single or bi-wire applications
Input connections	Bi-wireable, in-house machined gold plated copper alloy terminals	Bi-wireable, in-house machined gold plated copper alloy terminals	bi-wireable, in-house machined gold plated copper alloy terminals	bi-wireable, in-house machined gold plated copper alloy terminals	Bi-wireable, in-house machined gold plated copper alloy terminals	Bi-wireable, in-house machined gold plated copper alloy terminals
Power handling	200W peak unclipped programme	200W peak unclipped programme	200W peak unclipped program	200W peak unclipped programme	200W peak unclipped programme	200W peak unclipped programme
Maximum SPL	111dB at 1 metre	110dB at 1 metre	109dB at 1 metre	111dB at 1 metre	111dB at 1 metre	111dB at 1 metre
Height	310mm or 950mm on stand	1100mm	910mm	1080mm	350mm or 700mm on stand	1420mm
Width	230mm	230mm	230mm	230mm	470mm	230mm
Depth	370mm	370mm	370mm	370mm	310mm	470mm
Internal volume	10.5 litres	13 litres	42.5 litres	42.5 litres	13 litres	75 litres
Weight	10kg or 22kg with stand	35Kg	32kg	52kg	12kg or 24kg with stand	80kg
Available Finishes	**Standard Finishes:** Regal Silver, Black **High Build Gloss Wood Finish:** Red Tulip; Red Birds Eye, Birds Eye Maple, Burr Walnut, Ebonised Walnut, Walnut **Satin Wood Finish:** Natural Cherry, Maple, Oak.					