

SELF-POWERED PREMIUM LOUDSPEAKERS
FOR THE MOST DEMANDING APPLICATIONS

««•»» DVS

Outline



The DVS Series is a complementary series of true multi-purpose loudspeakers, whose acoustic capabilities and feature sets make them equally suitable for fixed or mobile use. Their development is in response to market demand for a suite of flexible, great-sounding, compact, lightweight and powerful loudspeakers, utilising the latest in Class-D power and onboard DSP.

Comprising four full-range, self-powered modules, the DVS series provides a seamless choice of sound reinforcement options for a huge variety of applications. Simple, integral rigging points make them ideal for permanent installation in sports, leisure, live performance, theatre, retail, industrial and commercial projects while their versatile design and power makes them just as suitable in mobile projects for live music, speech, playback and much else. A number of compatible Outline subwoofers are available to augment low frequencies if necessary.

The DVS 8P SP and DVS 10P SP both feature 24-bit onboard DSP, providing EQ presets and input gain adjustment and are perfect for applications where relatively high output levels are required from units that occupy minimal space, for example discreet speech reinforcement, near-field stage monitoring or as parts of distributed installed systems.

The DVS 12P iSP and DVS 15P iSP are not only capable of combining very high outputs with class-leading intelligibility, but are also equipped with Outline's proprietary iMode technology. This affords unparalleled levels of real-time system control over all loudspeaker parameters via a dedicated app for iOS hardware including iPad, iPhone, iPod Touch as well as Mac OS devices, all developed in-house at Outline.

Outline

DVS SERIES

KEY TECHNICAL ISSUES

All four **DVS-series** full-range enclosures include a number of features designed to extend their usefulness and potential as far as possible. Asymmetric cabinet designs allow them to be used on the floor for musician's monitoring with a choice of two angles, integral pole mounts provide numerous integration options and plentiful M8 threaded rigging points throughout allow them to be suspended in any orientation. The internal Class-D power amplifiers remove the need for bulky external amplifier racks and long runs of speaker cable. They are also optimised for the frequency range, impedance and power handling of individual transducers, thus extending the working life and reliability of all components in addition to providing the optimum audio performance.

All units in the DVS series are designed, tested and constructed to Outline's usual impeccable standards to provide many years of trouble-free use. The enclosures are constructed of Baltic birch plywood throughout, externally protected by a black polyurea coating and an epoxy powder-coated steel grille.

The two models fitted with Outline's proprietary iMode technology (DVS 12P iSP and DVS 15P iSP) can, in common with all Outline models so equipped, be controlled, configured and monitored remotely using a variety of hardware devices running our own app. iOS devices such as iPad, iPhone, iPod Touch plus Mac OS devices can be used to access all key operational parameters of individual loudspeakers or arrays. These include gain, mute, polarity, delay, WFIR filters (unique to Outline) and Raised Cosine filters, impedance value, limiter and compressor plus a variety of other group, individual and network parameters. iMode differs from other systems in that each loudspeaker equipped with it actually features an embedded SOC (system-on-a-chip) and network connectivity.

MAIN FEATURES

All four DVS-series enclosures are full-range, bi-amplified devices which allow the user or specifier to balance their requirements of output, available space and portability according to the intended use. In cases where it might be desirable to use several different models to achieve varying levels of coverage or SPL, all DVS models can be freely mixed in a design as their common voicing ensures the same audio quality throughout, varying only in maximum output.

- > The super-compact **DVS 8P SP** features an 8" low frequency transducer and 1" compression driver and will produce a peak SPL of 127 dB (@ 1m in free-field) yet weighs just 9 kg - ideal for applications which require discreet yet powerful audio.
- > The middleweight **DVS 10P SP** utilises a 10" low/mid driver with a horn-loaded 1" exit compression driver - maximum SPL 131.5 dB. A versatile and great-sounding product with many uses.
- > The **DVS 12P iSP** is a reflex design containing a 12" woofer and 2.5" compression driver with titanium diaphragm, loaded onto a constant directivity horn. iMode equipped as standard, this extraordinarily capable loudspeaker produces very high quality full-range audio.
- > The mighty **DVS 15P iSP** features a 15" LF driver plus a 3" compression driver to deliver up to 1,500 watts of Class D power which translates to a maximum SPL of 135 dB. iMode equipped as standard, this product combines power, low-frequency response and amazing control in one package.

Outline produce a number of passive and self-powered subwoofers that can be used to provide extended low-frequency response where required, in addition to various audio processing options for system control, management and protection.



DVS 8P SP

MULTI-PURPOSE, WIDE RANGE SELF-POWERED SYSTEM



PERFORMANCE SPECIFICATIONS

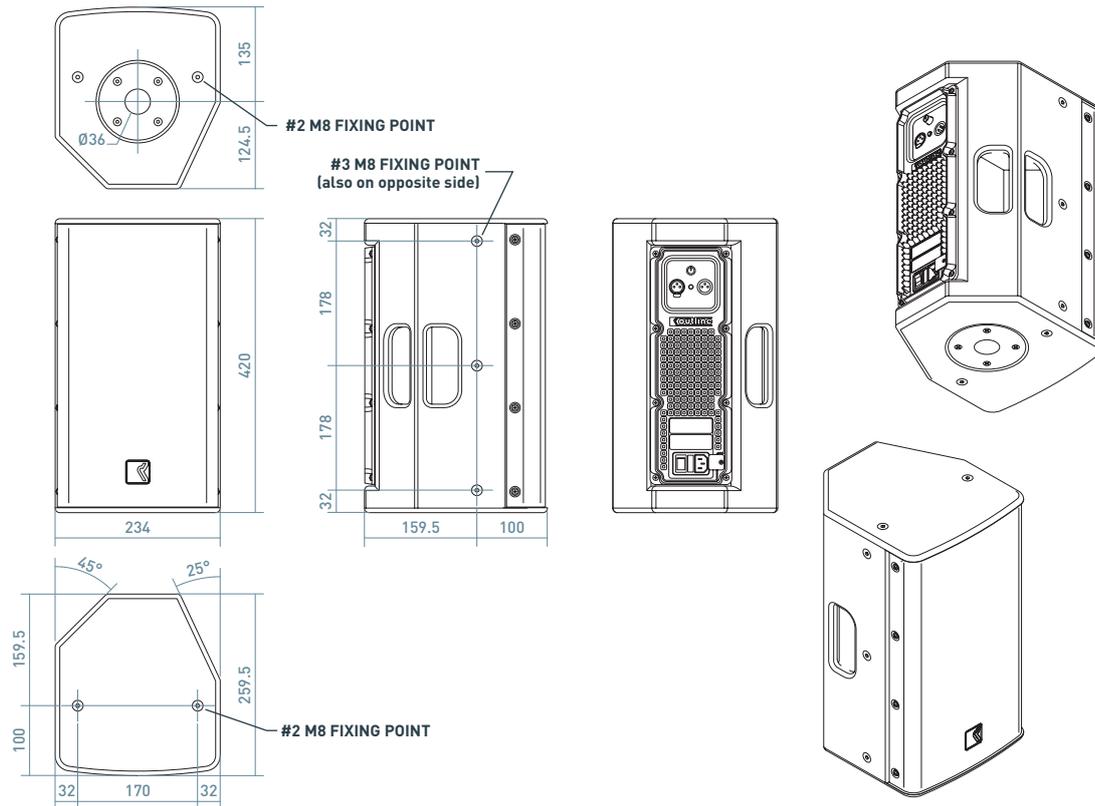
Frequency Response (-10 dB)	48 Hz – 18.5 kHz
Nominal Dispersion	90° x 60° (H x V)
Power Amplifier	Type Class D (digital)
	Input impedance 10 kΩ balanced to ground
	Rated power 1 x 350 W EIAJ on 4 Ω (Low) 1 x 180 W EIAJ on 8 Ω (High)
	Cooling Natural air convection
	Special feature selectable input gain and preset
Maximum SPL Output *	127 dB SPL

* calculated using +10 dB Crest Factor signal @ 1 m, Free Field

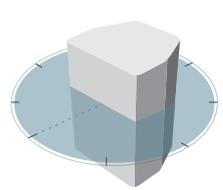
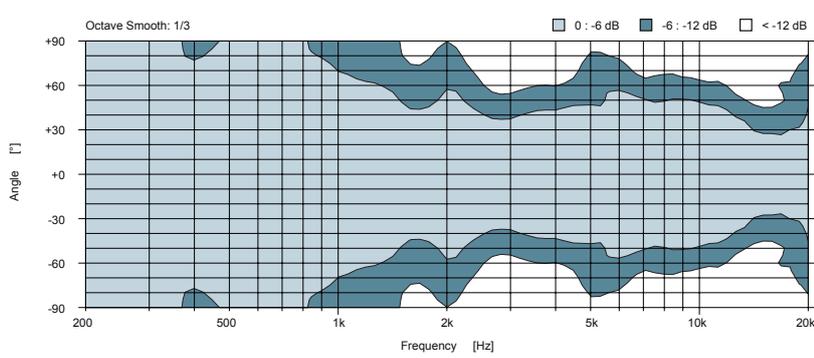
PHYSICAL

Component Low	8" woofer, vented high-pass box
Component High	1" diaphragm compression driver, horn loaded
Connectors	Audio: 1 XLR + 1 Link Out
	Ethernet: 1 EtherCon + 1 Link Out (RJ 45 Socket)
	Mains: 1 IEC C14
Cabinet Material	Baltic birch plywood
Cabinet Finish	Black polyurea coating
Grill	Epoxy powder coated
Installation Points	10 x M8 threaded points
Pole Mount	35 mm socket
Height	420 mm - 16 1/2"
Width	234 mm - 9 1/4"
Depth	260 mm - 10 1/4"
Weight	9 kg - 19.8 lb

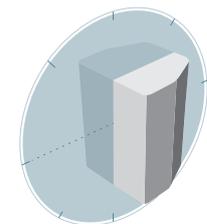
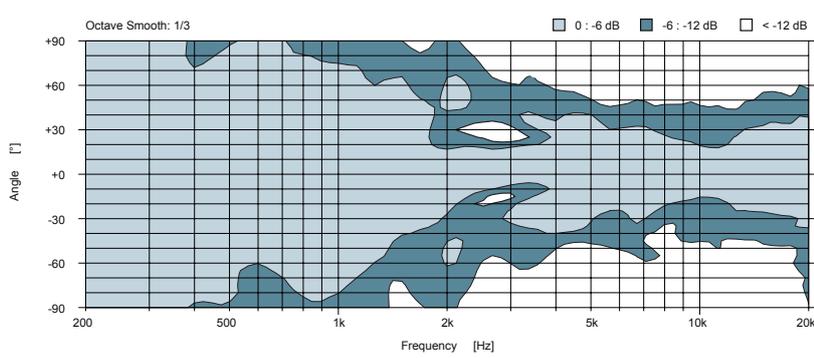
DIMENSIONS



BEAMWIDTH



HORIZONTAL



VERTICAL

«»» DVS 8P SP



DVS 10P SP

MULTI-PURPOSE, WIDE RANGE SELF-POWERED SYSTEM



PERFORMANCE SPECIFICATIONS

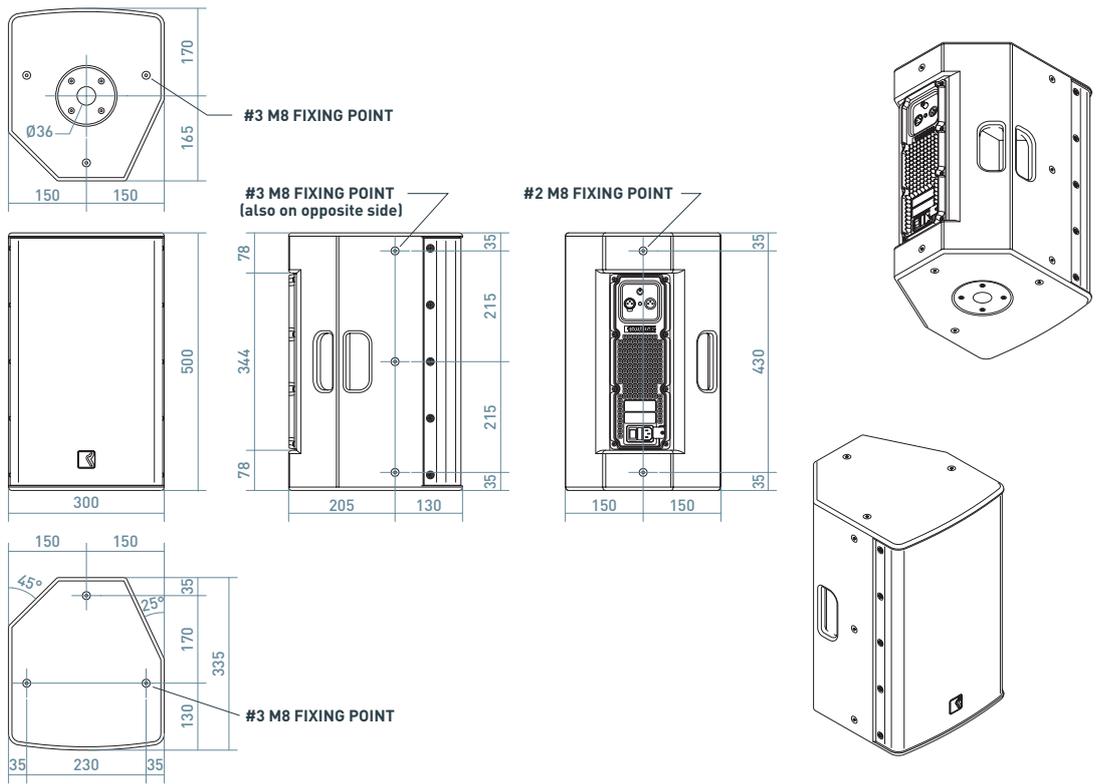
Frequency Response (-10 dB)	48 Hz – 18 kHz
Nominal Dispersion	80° x 60° (H x V)
Power Amplifier	Type Class D (digital)
	Input impedance 10 kΩ balanced to ground
	Rated power 1 x 350 W EIAJ on 4 Ω (Low) 1 x 180 W EIAJ on 8 Ω (High)
	Cooling Natural air convection
	Special feature selectable input gain and preset
Maximum SPL Output *	131.5 dB SPL

* calculated using +10 dB Crest Factor signal @ 1 m, Free Field

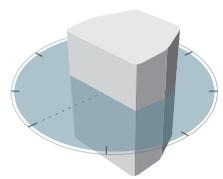
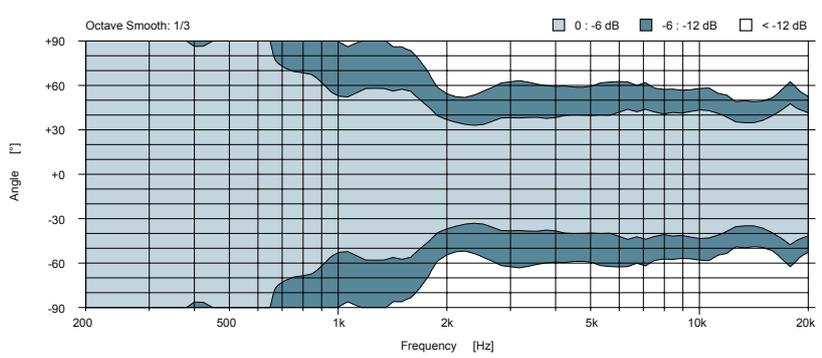
PHYSICAL

Component Low	10" woofer, vented high-pass box
Component High	1.75" diaphragm compression driver, horn loaded
Connectors	Audio: 1 XLR + 1 Link Out
	Ethernet: 1 EtherCon + 1 Link Out (RJ 45 Socket)
	Mains: 1 IEC C14
Cabinet Material	Baltic birch plywood
Cabinet Finish	Black polyurea coating
Grill	Epoxy powder coated
Installation Points	14 x M8 threaded points
Pole Mount	35 mm socket
Height	500 mm - 19 5/8"
Width	300 mm - 11 3/4"
Depth	335 mm - 13 1/8"
Weight	13.5 kg - 29.8 lb

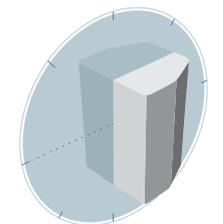
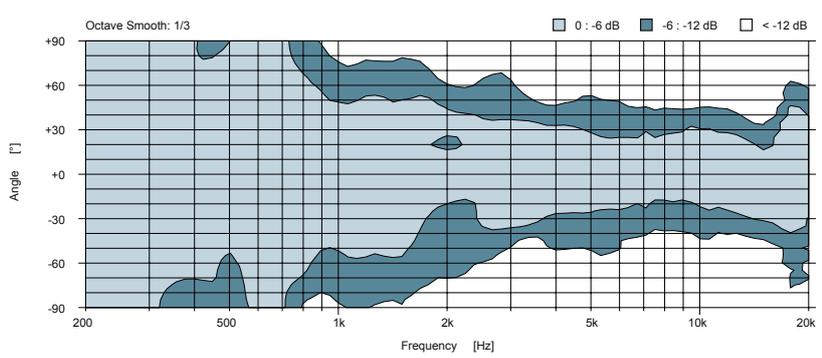
DIMENSIONS



BEAMWIDTH



HORIZONTAL



VERTICAL

DVS 12P iSP

MULTI-PURPOSE, WIDE RANGE SELF-POWERED SYSTEM



PERFORMANCE SPECIFICATIONS

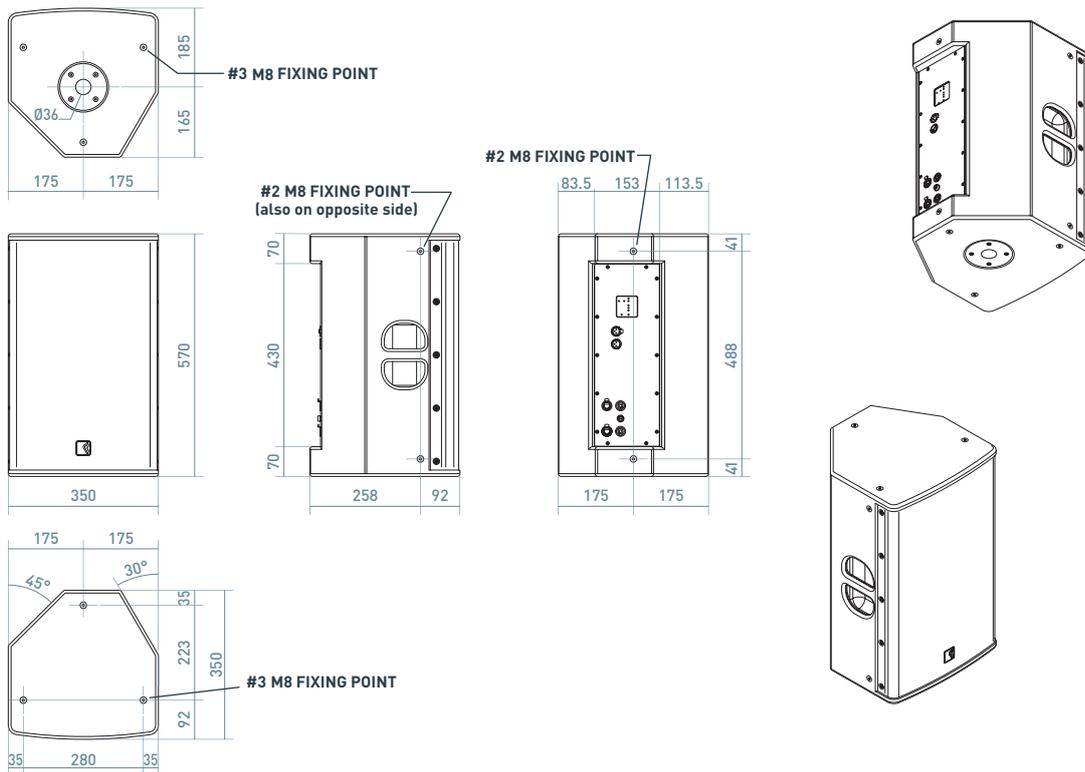
Frequency Response (-10 dB)		53 Hz – 20 kHz
Nominal Dispersion		90° x 50° (H x V)
Power Amplifier	Type	Class D (digital)
	Input impedance	10 kΩ balanced to ground
	Rated power	2 x 750 W EIAJ on 4 Ω
	Cooling	temperature controlled variable speed fan
	Special feature	direct preset selection, controllable via iPad app
Maximum SPL Output *		133 dB SPL

* calculated using +10 dB Crest Factor signal @ 1 m, Free Field

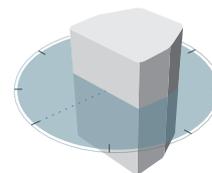
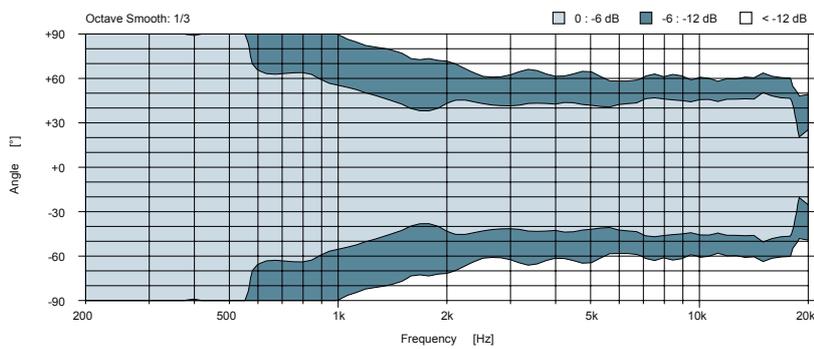
PHYSICAL

Component Low		12" woofer, vented high-pass box
Component High		3" diaphragm compression driver, horn loaded
Connectors	Audio:	1 XLR + 1 Link Out
	Ethernet:	1 EtherCon + 1 Link Out (RJ 45 Socket)
	Mains:	1 Powercon + 1 Link Out
Cabinet Material		Baltic birch plywood
Cabinet Finish		Black polyurea coating
Grill		Epoxy powder coated
Installation Points		12 x M8 threaded points
Pole Mount		35 mm socket
Height		570 mm – 22 1/2"
Width		350 mm – 13 3/3"
Depth		350 mm – 13 3/4"
Weight		22.5 kg – 49.5 lb

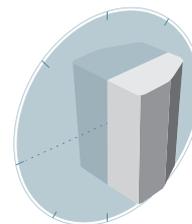
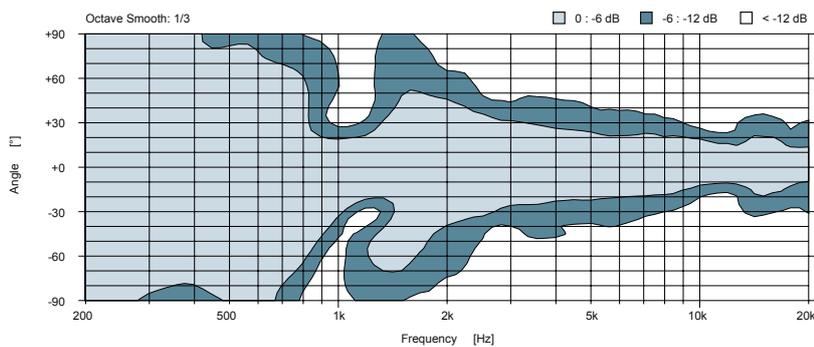
DIMENSIONS



BEAMWIDTH



HORIZONTAL



VERTICAL

«»» **DVS 12P iSP**

DVS 15P iSP

MULTI-PURPOSE, WIDE RANGE SELF-POWERED SYSTEM



PERFORMANCE SPECIFICATIONS

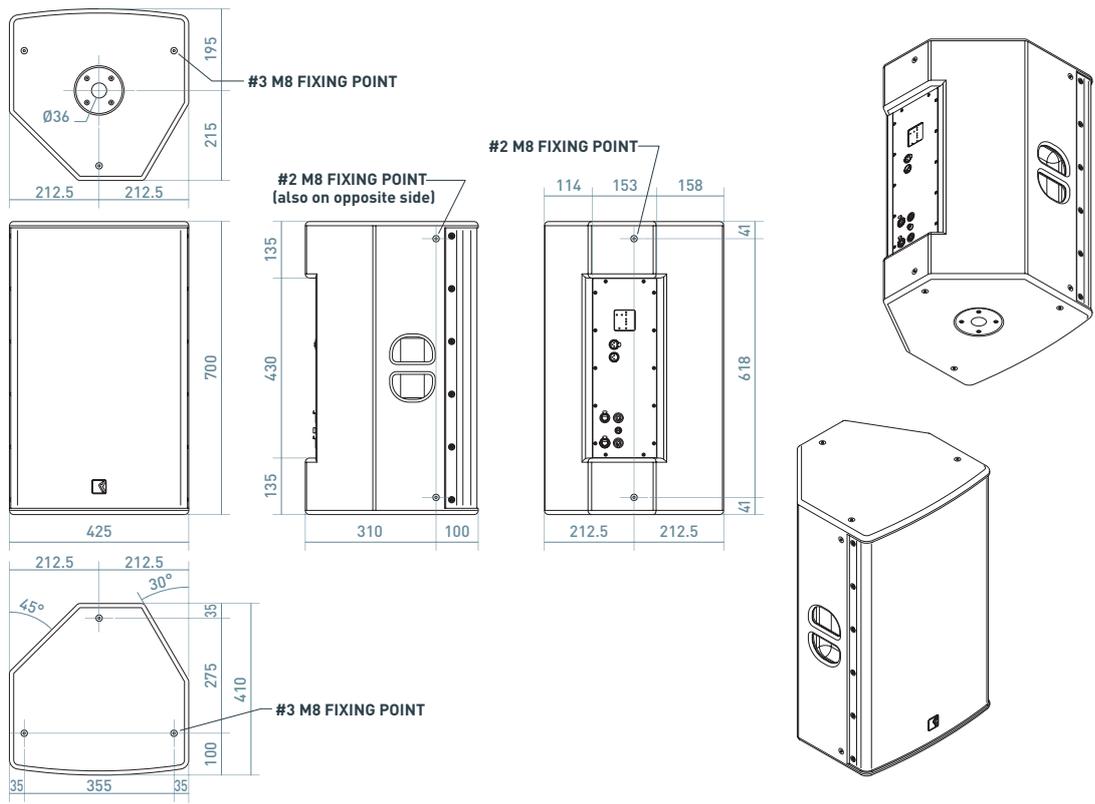
Frequency Response (-10 dB)		43 Hz – 20 kHz
Nominal Dispersion		90° x 50° (H x V)
Power Amplifier	Type	Class D (digital)
	Input impedance	10 kΩ balanced to ground
	Rated power	2 x 750 W EIAJ on 4 Ω
	Cooling	temperature controlled variable speed fan
	Special feature	direct preset selection, controllable via iPad app
Maximum SPL Output *		135 dB SPL

* calculated using +10 dB Crest Factor signal @ 1 m, Free Field

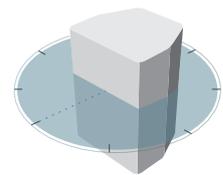
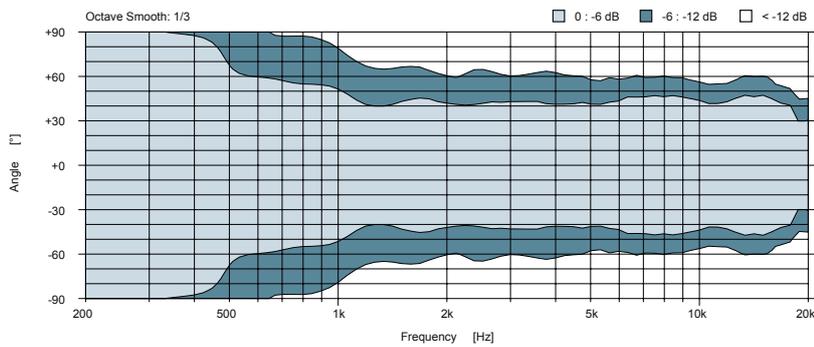
PHYSICAL

Component Low		15" woofer, vented high-pass box
Component High		3" diaphragm compression driver, horn loaded
Connectors	Audio:	1 XLR + 1 Link Out
	Ethernet:	1 EtherCon + 1 Link Out (RJ 45 Socket)
	Mains:	1 Powercon + 1 Link Out
Cabinet Material		Baltic birch plywood
Cabinet Finish		Black polyurea coating
Grill		Epoxy powder coated
Installation Points		12 x M8 threaded points
Pole Mount		35 mm socket
Height		700 mm - 27 1/2"
Width		425 mm - 16 3/4"
Depth		410 mm - 16 1/8"
Weight		28 kg - 61.5 lb

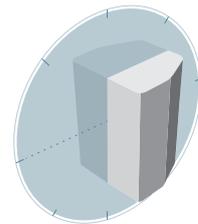
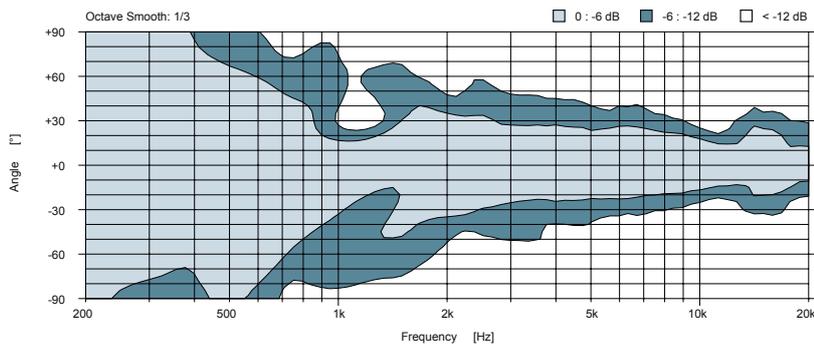
DIMENSIONS



BEAMWIDTH



HORIZONTAL



VERTICAL

«»» DVS 15P iSP

EVERYTHING UNDER CONTROL WITH iPad, iPhone, iPod TOUCH AND MacOS DEVICES

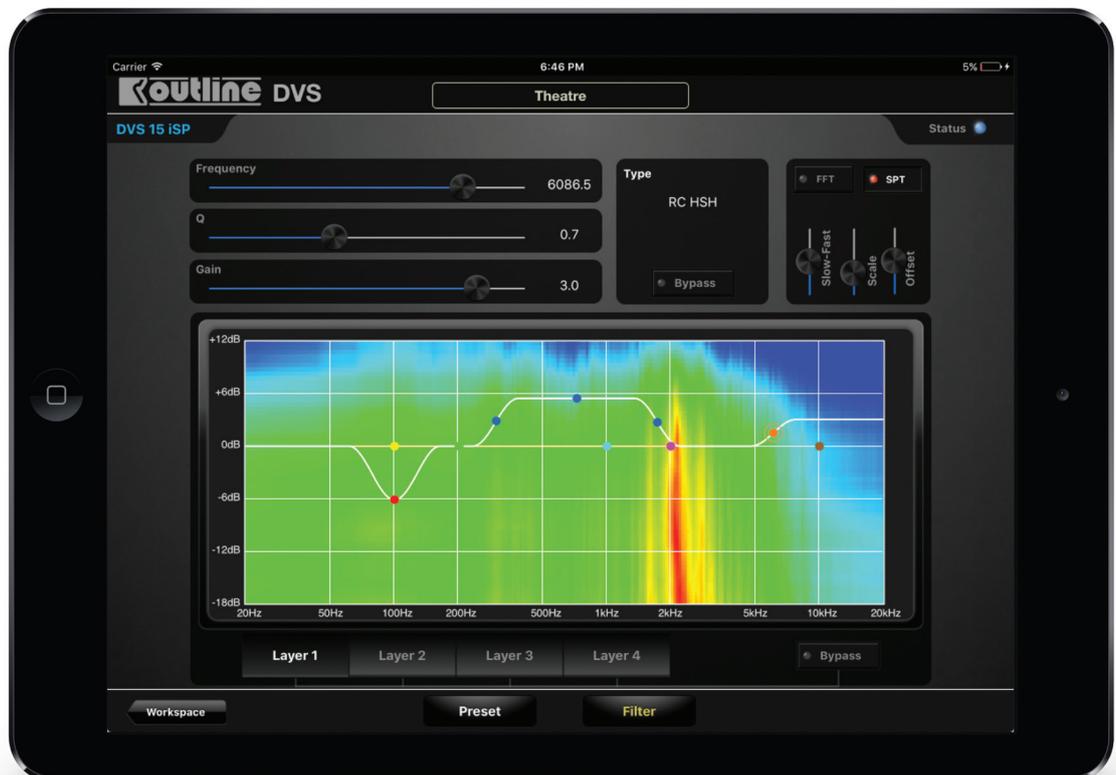
Every Outline's enclosure equipped with Outline's proprietary iMode technology can be controlled using an iPad, iPhone, iPod touch and Mac OS (APP downloadable from Apple Store).

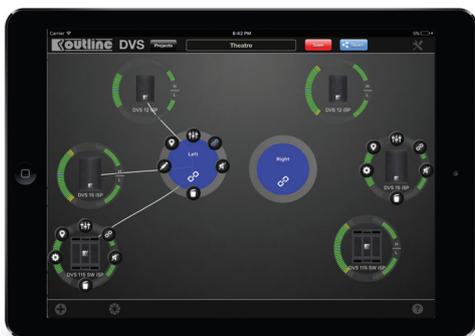
iMode is a truly "intelligent" digital loudspeaker multi-control platform which combines advanced digital signal processing and TCP/IP protocol to provide comprehensive control capabilities and a huge choice of interface devices.

iMODE AT A GLANCE

Outline loudspeaker systems equipped with iMode technology:

- > are "all-in-one" – everything is on-board. EQ, compressors, crossovers, matrices, DSP or any other outboard units are not required. This means greatly simplified system transport, storage and cabling, resulting in a considerable reduction in costs.
- > are limitless: it is possible to control a single enclosure or a group.
- > iMode offers Raised Cosine filtering technology, for a really superior precision
- > iMode offers an extremely advanced WFIR processing (unique to Outline) on the input channel, a double dynamic processor (peak/RMS) and up to 2 seconds delay for each channel.
- > iMode runs on Linux, so is very flexible, open to future evolution and able to interact with tomorrow's "intelligent" devices.





ACCESSORIES

STAFFAMICRA-V

Wall and ceiling vertical mounting bracket

Available for DVS 8P SP

ADJ-BRACK10

Wall and ceiling vertical mounting bracket

Available for DVS 10P SP

ADJ-BRACK12

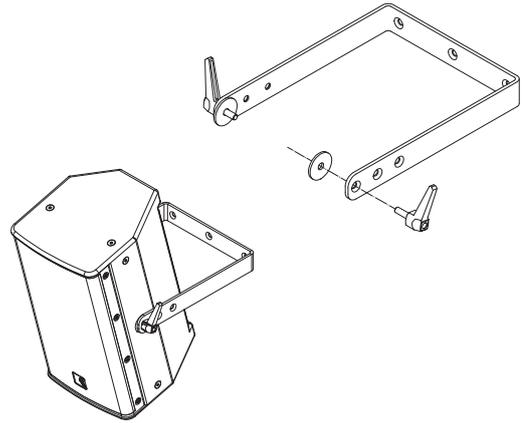
Wall and ceiling vertical mounting bracket

Available for DVS 12P iSP

ADJ-BRACK15

Wall and ceiling vertical mounting bracket

Available for DVS 15P iSP



ADJBH-DVS8P

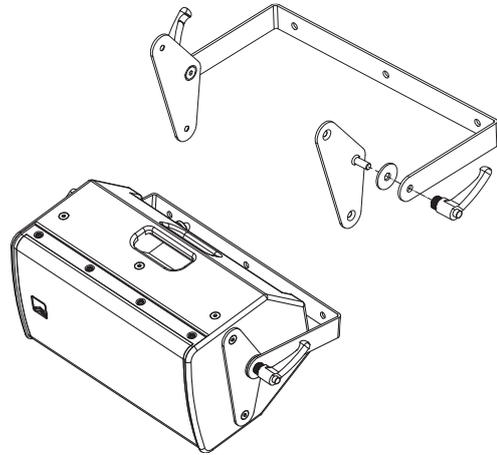
Wall and ceiling horizontal mounting bracket

Available for DVS 8P SP

ADJBH-DVS10P

Wall and ceiling horizontal mounting bracket

Available for DVS 10P SP



SCAP-DVS12P

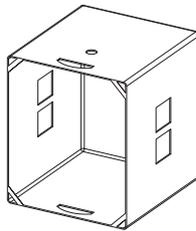
Weather protection cover

Available for DVS 12P iSP

SCAP-DVS15P

Weather protection cover

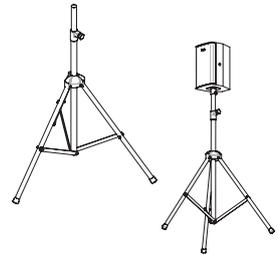
Available for DVS 15P iSP



STAND2

Tripod pole

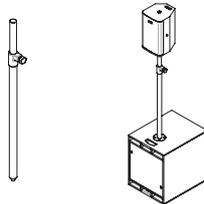
Available for all DVS models



STAND M-20

Telescopic pole

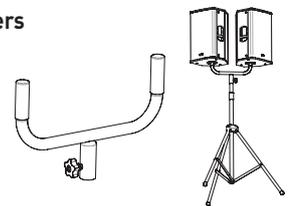
Available for all DVS models



STAND-ADAPT

Adaptor for two speakers

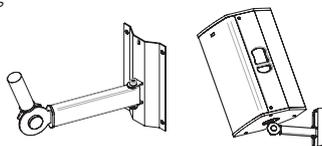
*Available for:
DVS 8P SP, DVS 10P SP*



STAND-WALL1

Wall bracket

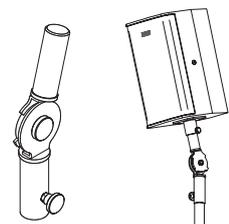
Available for all DVS models

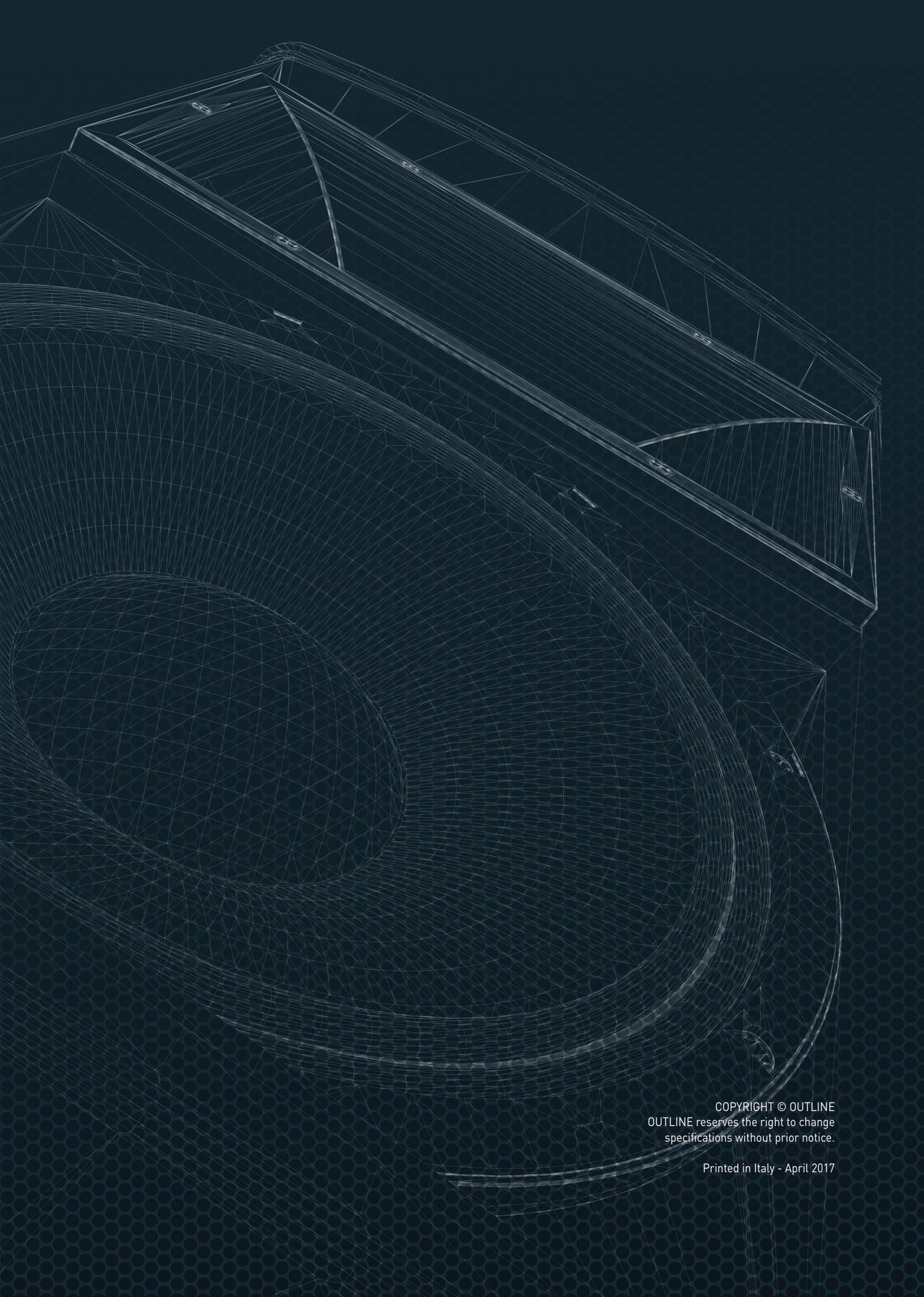


STAND-INCLIN

Pole mount with gradual inclination

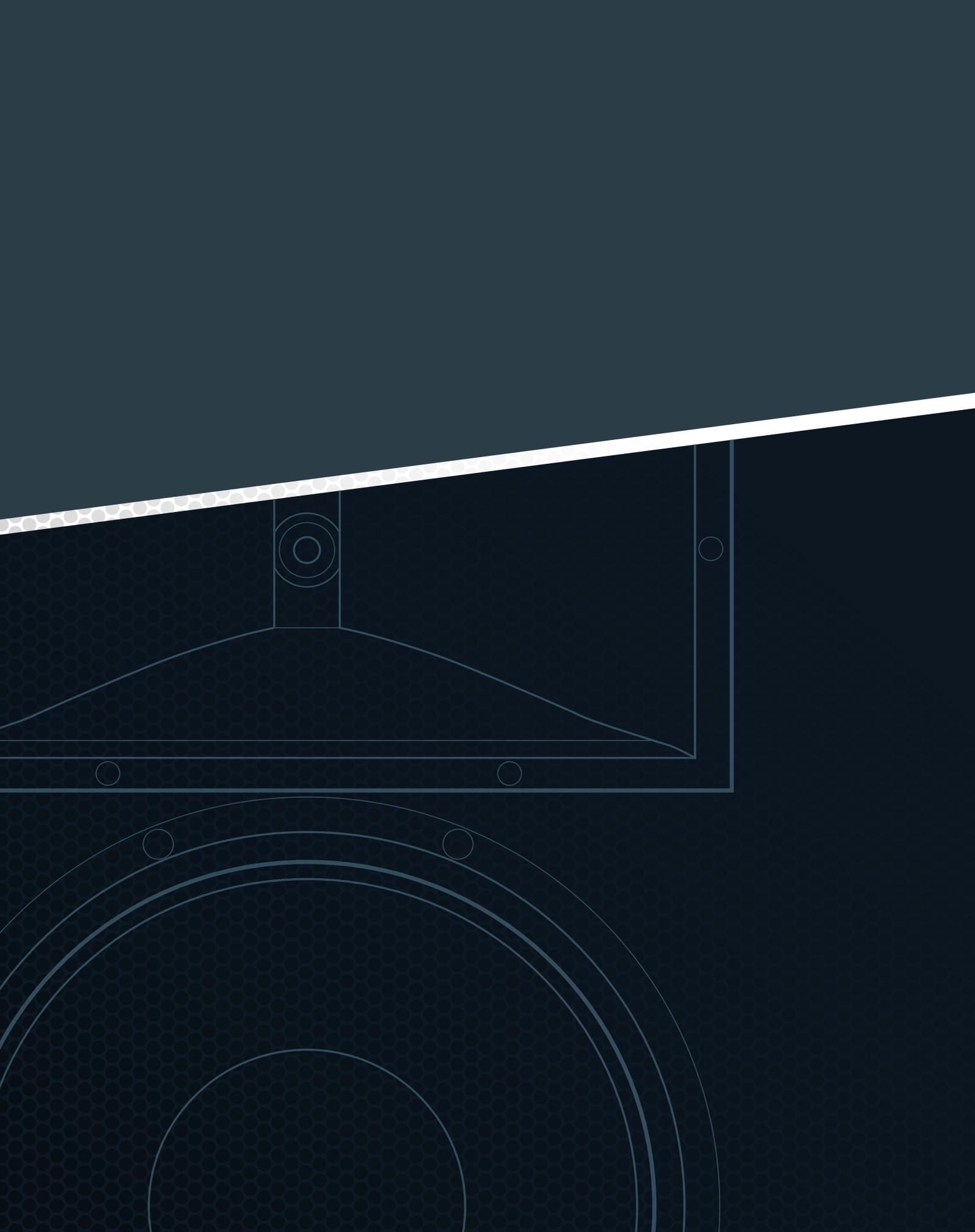
Available for all DVS models





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