DVS 12P ISP

DVS 12P iSP is a compact 2-way full-range loudspeaker system with built-in bi-amplification and integration of the proprietary DSP control – iMode. iMode’s revolutionary user integration via the Apple iPad and iPhone allows wireless control over individual or groups of DVS iSP loudspeakers; 4 band parametric EQ and a further 4 bands in group mode, Low pass/High pass filters, Gain, signal Delay, and Polarity can be accessed. Within the DSP all Crossover points, Limiters, and band gains are factory set so uniformity and consistency remains constant across all DVS 12P iSP.It comprises a single 32 cm woofer for low and mid frequencies with a 76 mm aluminium coil and a 65 mm titanium compression driver diaphragm with a 36 mm throat for the high frequency section. The HF is horn-loaded with controlled directivity and wide dispersion. The enclosure can be mounted on an optional tripod stand, flown from the ceiling and/or positioned on the floor as a stage monitor.



Cena:
Kategorie: Audio, Scena, Głośniki, Instalacje AV, Nagłośnienie obiektów



OPIS

The system’s uniform directivity from 500 Hz to 4 kHz has an average dispersion of 98° horizontal and 88° vertical and average wide-range sound coverage from 500 Hz to 10 kHz is 94° horizontal and 73° vertical. The acoustic reproduced bandwidth is 53 Hz to 20 kHz at -10 dB. The frequency response of the complete system is +/- 3 dB from 71 Hz to 17 kHz. Flown in free-field it has high average wide-range level, producing 133 dB SPL peak. The maximum available power from the 2-channel PWM amplifier module is 750 W EIAJ per channel. The cabinet has twelve M8 threaded mounting points to facilitate both vertical and horizontal flying by means of the appropriate optional hardware. The bottom of the cabinet has a pole mount receptacle, for fitting a standard 35 mm tubular support or tripod stand. The perforated steel grill on the front of the enclosure is acoustically-transparent.

UNIQUE CONTROL POSSIBILITIES

All the DVS iSP series is equipped with Outline’s proprietary iMode technology. Utilised extensively throughout the Outline range, iMode is a truly “intelligent” digital loudspeaker control platform which combines advanced digital signal processing and TCP/IP protocol to provide comprehensive control capabilities and a huge choice of interface devices. Users have real-time control over a series of parameter (levels, delay, eq’s, shelving filters). iMode also allows the user to monitor performance parameters throughout the system (including VU-meters, clip and limiter status, amplifier overheating and protection) by using an iPad with dedicated Outline app. With standard IP-based communication, the iMode platform is truly future-proof, offering control via netbook, smartphone, and many devices yet to appear. iMode operates on a Linux operating system with an Outline-customised kernel, chosen for its extreme stability and compatibility, and providing a robust foundation for iMode’s advanced functions.

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