



Vertical Array Systems

LOUDSPEAKER SYSTEMS FOR MOBILE APPLICATIONS

Mobile Audio | Concert Sound | Fixed Installation | Pro Entertainment



DYNACORD
GERMAN ENGINEERING EXCELLENCE

- *Versatility and flexibility*
- *Premium sound performance*
- *Zero compromise on loudspeaker components and crossover design*
- *Exemplary intelligibility even in acoustically difficult environments*
- *Excellent dispersion characteristics*
- *Very high SPL*
- *Maximum operational safety (thermal loudspeaker protection)*
- *High-quality, ultra-compact design*
- *Light weight due to aluminum housing*
- *5-year manufacturer's warranty*
- *Combine the advantages of a slimline construction with outstanding live performance*
- *Made in Germany*



The Vertical Array Systems

LOUDSPEAKER SYSTEMS



■ **The loudspeaker cabinets in the Vertical Array Systems satisfy the highest standards in terms of acoustic performance, operational safety features and reliability. This is re-enforced by the high production quality synonymous with goods „Made in Germany“.**

Their attractive, yet discrete styling qualify them for deployment or

installation in the most elegant surroundings. Thanks to their aluminum housings, Vertical Array speakers are genuine lightweight products, yet extremely robust. Vertical Array speakers are suitable for live music applications; but in fixed installations they stand out as the ideal stylish solution for any premium audio installation, too.

They represent a convincing solution for a multitude of premium sound reinforcement concepts.



TS 100

2-WAY FULL RANGE CABINET

■ **Both the acoustic and the mechanical design of the TS 100 two-way full range cabinet, with its power handling of 150W / RMS, are optimized for multifunction applications.**

With a weight of only 7.1 kg, the TS 100 displays its true metal in mobile use, forming an extremely light PA system (in combination, for example, with the PowerSub 312) with very high sound pressure levels while maintaining outstanding sound quality.

For the low- and medium frequency ranges, the extremely low-distortion DND 6130-16 neodymium chassis is used. The high frequencies are handled by an HPT94 constant directivity horn that can be rotated through 90° with extreme ease for horizontal applications.

The driver, an Electro-Voice DH3, is renowned for its brilliant high-frequency reproduction. All loudspeakers are electronically protected from thermal overload.

Its certified mounting accessories and discrete styling make the TS 100 suitable for even the most elegant surroundings. The range of applications of the TS 100 is all-embracing, ranging from entertainment installations in bistros, clubs and restaurants to AV applications in places like boardrooms, trade fairs and hotels as well as front-fill in theatres. The base of the cabinet is equipped with an end-cap to receive a mounting pole.

For installation applications, a second end-cap without an opening is included



SYSTEM COMBINATIONS WITH THE POWERSUB 312 ACTIVE SUBWOOFER ARE MAKING FOR A VERY VERSATILE YET ULTRA COMPACT SOUND SYSTEM WITH PREMIUM AUDIO PERFORMANCE.

which is very simple to replace one type of end-cap with the other to maintain an aesthetically desirable result. The TS 100 is available in either black or white (TS 100W). For fixed installation, the WMK-10 (WMK-10W) mounting kit is available.

A highly practical optional accessory is the SH-TS100 transport bag.

For fixed installation, the WMK-10 (WMK-10W) mounting kit is available. The optional FB-TS400 flying kit facilitates suspension of the device safely from a truss.

Linear phase FIR (finite impulse response) factory presets are available as well as presets for conventional digital controllers.





THE COMBINATION OF TS 200 WITH PSD 215 SUB-WOOFERS ALLOWS FOR EXCELLENT SOUND AND COVERAGE AT IMPRESSIVE SOUND PRESSURE LEVELS.

TS 200

2-WAY FULL RANGE CABINET



■ **The TS 200 is an extremely compact, two-way high-performance loudspeaker, with a nominal power handling capacity of 300W / RMS, suitable for a multitude of highly demanding tasks.**

Its high SPL and precisely controlled coverage pattern make it a prime candidate for tasks far more challenging than any you would associate with a box of its size. Whether deployed in mobile applications as a medium-sized FOH system in combination with

passive (e.g. SUB 18) or active (e.g. PowerSub 312 or PSD 215) subwoofers, or full-range as a fill or delay in larger systems, the TS 200 displays its outstanding acoustic and mechanical performance to impressive effect.

In fact, the only area in which this box is deficient is weight: its weight of less than 10kg represents a dramatic advance in lightweight engineering in this class.

For the low and medium frequency ranges, two

extremely low-distortion DND 6130-16 neodymium chassis in an array configuration are used. The high frequency range is transduced by an Electro-Voice DH3 into an HPT94 constant directivity horn that can be rotated with ease through 90° for horizontal applications. The integrated crossover is phase-optimized and furthermore, it provides all loudspeakers with electronic protection against thermal overload.

TS 200 CABINETS ARE EXTREMELY VERSATILE AND DO NOT ONLY CONVINCE AS SMALL FOH SYSTEM BUT ARE ALSO AN IDEAL SOLUTION FOR FRONT-FILL OR DELAY CABINET APPLICATIONS.



With its elegant, slender profile, the TS 200 is especially suitable for situations in which tasteful and unobtrusive styling is called for, yet no compromise in terms of sound quality or pressure level has been allowed.

As well as in a host of mobile applications, the TS 200 features really stand out in the fixed installation market. Ultra-compact cabinets capable of delivering very high sound pressure levels make the challenge for the acoustic & interior designers easier to overcome whenever the appearance of the loudspeakers is of critical or decisive importance to the interior design.

In such circumstances the closed cabinet base included in the delivery can be substituted for the one with the top-hat for a mounting pole intended for mobile applications.