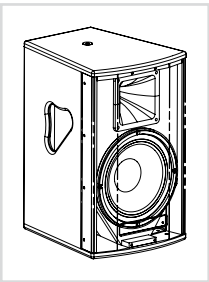


4008
2-way loudspeaker system

FORTY series



DESCRIPTION

Extremely compact, full-range 2-way speaker with a very wide frequency response and excellent power handling capability (with a pressure generating capability of a full 124 dB). It is particularly suitable for use in wine/lounge bars, HO.RE.CA., casinos, fitness centres, shops and, generally, for sound reinforcement of venues of a limited size. Thanks to the dual-tilt (0° and 10°) pole mount and its horizontal flying bracket (STD-4008), this loudspeaker system is easy to install and extremely versatile.

COMPONENTS

The 4008 model has an 8" woofer and a 1" horn-loaded driver able to create a 60°x60° dispersion angle. The electronic parts are made of high quality components (minimum phase rotation crossovers, copper coils with Kapton formers containing Ferrite powder) providing excellent power handling and remarkable sound quality.

CABINET

The speaker cabinet in Baltic birch plywood is strong enough to withstand all kinds of mechanical oscillations without vibrating. It is designed to guarantee controlled directivity and as a result delivers perfect and uniform sound coverage of the target area. The water-based coating technique with a textured mono-component paint has been expressly designed to protect the cabinet against abrasion, scratching, impact and high humidity levels.

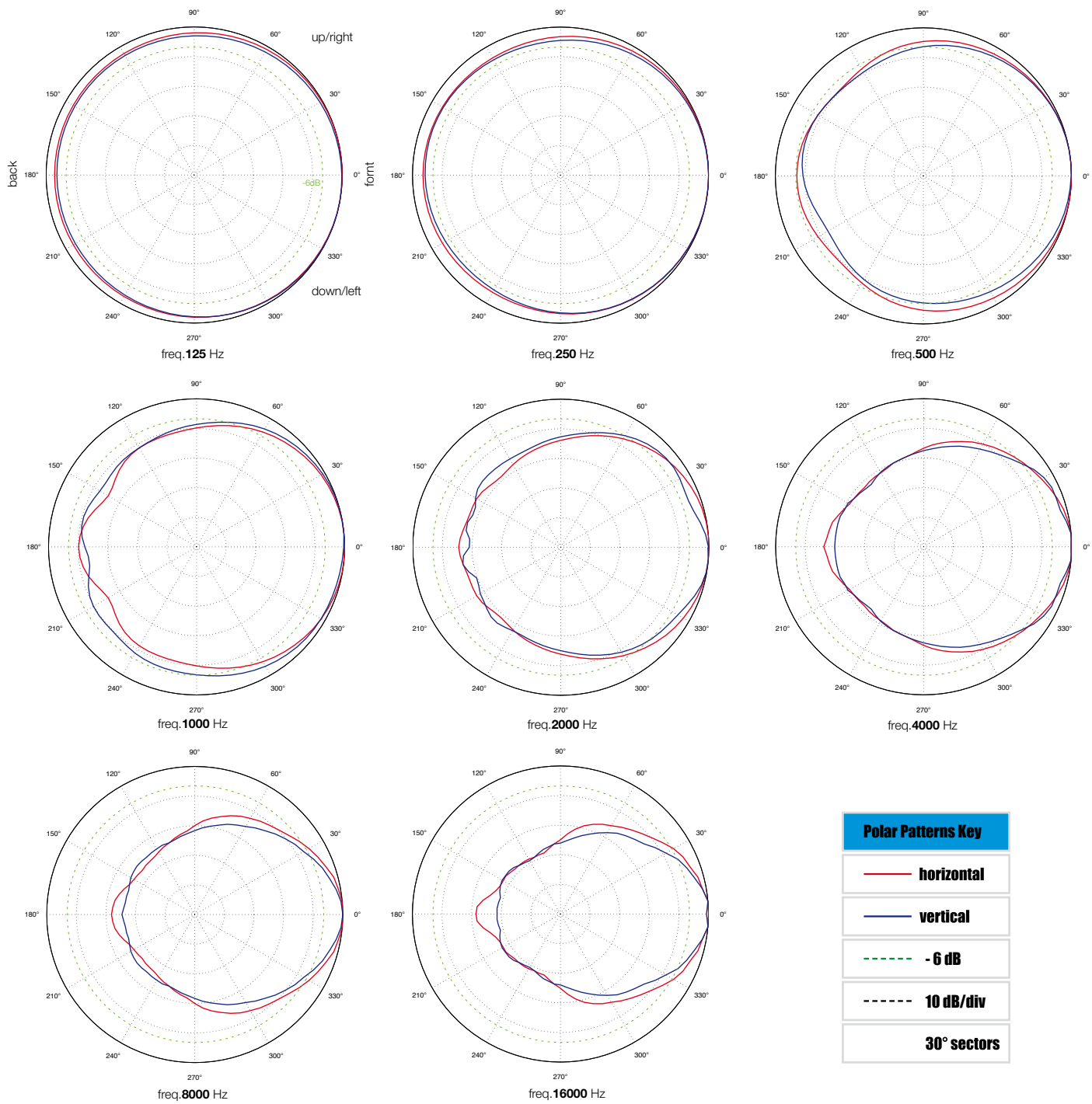
TECHNICAL FEATURES

System configuration	2-way loudspeaker system
Power handling RMS	220 W
Power handling Music	440 W
Power handling Peak	880 W
Frequency response (-6 dB)	70÷18k Hz
Nominal Impedance	8 Ω
Dispersion Angle (-6 dB)	60° horizontal, 60° vertical
Axial sensitivity (1W@1m)	97 dB
Continuous SPL (@1m)	118 dB
Peak SPL (@1m)	124 dB
Crossover frequency	2.5 kHz

TRANSDUCERS

LF sub system	1x8"
Nominal Impedance	8 Ω
Nominal power handling (AES)	200 W
Sensitivity (1W@1m)	93 dB
HF sub system	1x1"
Diaphragm	DOME, phenolyc resin
Voice coil	1"
Throat diameter	1"
Nominal impedance	8 Ω
Nominal power handling (AES)	20 W
Sensitivity (1W@1m)	105 dB
Horn	symmetric horn
Material	polycarbonate

4008 POLAR PATTERNS (normalized, ref on axis, passive X-over)



Polar Patterns Key

horizontal

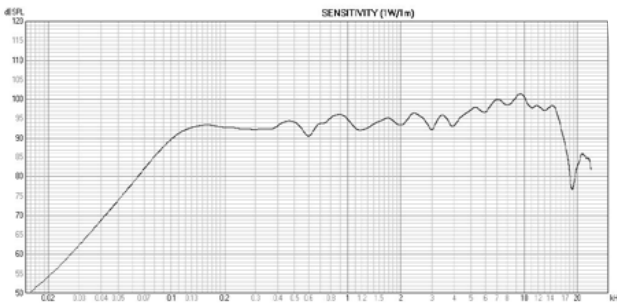
vertical

- 6 dB

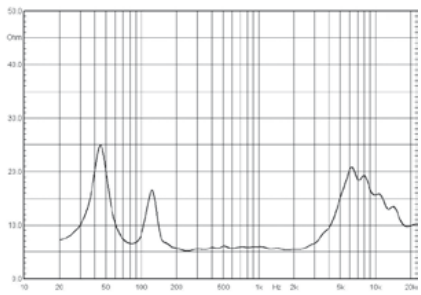
10 dB/div

30° sectors

FREQUENCY RESPONSE



IMPEDANCE RESPONSE



SOUND REINFORCEMENT

CONTROLLED RADIATION

ACOUSTIC RESEARCH

SOUND REINFORCEMENT

CONTROLLED RADIATION

ACOUSTIC RESEARCH