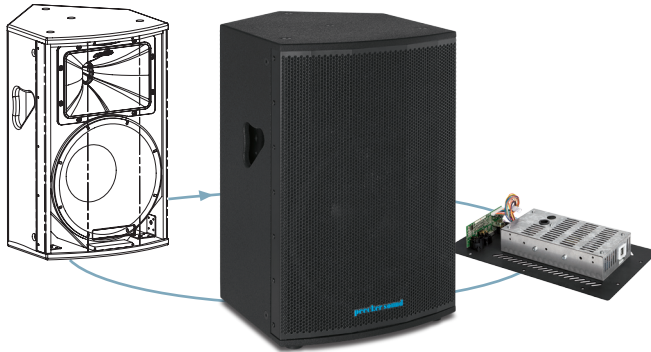


4015MH overview



- 15" Neodymium woofer;
- 1" Mylar driver;
- Weatherproof treated components;
- Birch plywood cabinet;
- Controlled sound dispersion angle: 90°x50°;
- Active and passive versions;
- Double inclination of the cabinet as a stage monitor;
- A.W.S.H.® (Acoustic Wave Shaped Horn);
- RODAP® (RObust Design And Prototyping).

TWO-WAY MULTIPURPOSE LOUDSPEAKER SYSTEM

DESCRIPTION

This multipurpose birch plywood loudspeaker system has proprietary alluminium horn (A.W.S.H.®) being designed for a complete rephasing of the acoustic waveguide with the woofer. The electroacoustic parts is composed by a Neodymium 15" woofer and a horn loaded 1" Mylar driver. The electronic part presents high quality components (minimum phase crossovers, copper coils with Kapton and ferrite powder supports), which guarantee both high power (SPL up to 133 dB) and sound quality. The water painting with monocomponent embossed varnish has been studied on purpose to resist to damages due to abrasions, scratches, shocks or moisture. The loudspeaker design has been carried out following the procedures of the RODAP® method, which involves cooperation and specific know how of all the Sound Corporation business units.

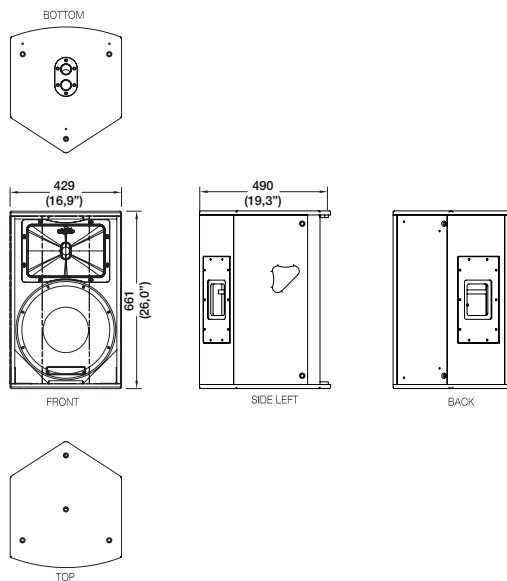
APPLICATIONS

Multipurpose loudspeaker system suitable for discos, music-bars, pubs and medium-large clubs. As a matter of fact, the 4015MH speaker can reach a SPL of 100 dB at 30 meters. The cabinet's geometry makes the 4015MH suitable for utilization as a floor monitor.

VERSIONS

The loudspeaker system is available in both active (4015MH/A) and passive version (4015MH). The active version is equipped with a class D switching amplifier. This amplifier presents advanced protection algorithms that optimize the supplied power and at the same time, great reliability and security. Its weight and sound quality are the best solution for whom is looking for high fidelity together with easy handling.

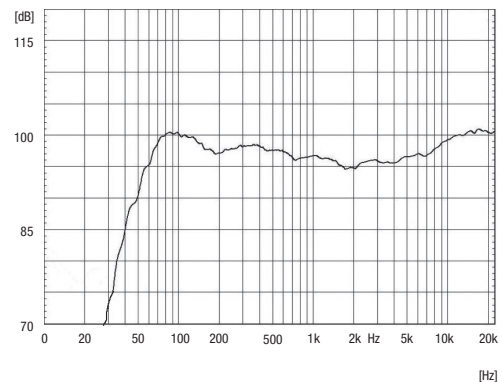
DRAWING



TECHNICAL SPECIFICATIONS

	4015MH	4015MH/A
System configuration	2 way loudspeaker system	2 way active loudspeaker system
Power handling RMS	450 W	Class D switching amplifier
Frequency response	50 ÷ 19k Hz	50 ÷ 19k Hz
Peak SPL (@1m)	133 dB	133 dB
Impedance	8 Ohm	/
Dispersion angle (-6 dB)	90° horiz. 50° vert.	90° horiz. 50° vert.
Transducers	LF 1x15", HF 1x1"	LF 1x15", HF 1x1"
Cabinet	birch plywood	birch plywood
Input connectors	2xNL4 Speakon	XLR - NAC3MPA
Dimensions (WxHxD)	429x661x490 mm	429x661x490 mm
Net weight (Kg)	24	24,5

FREQUENCY RESPONSE



All the measurements carried out in Sound Corporation laboratories

