

4030MH overview

- 15" Neodymium double woofer for bass section;
- 1" Titanium driver;
- Weatherproof treated components;
- Birch plywood cabinet;
- Controlled sound dispersion angle: 90°x 50°;
- Active and passive versions;
- 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 aluminium horn A.W.S.H.® being designed for a complete rephasing of the acoustic waveguide with the woofer. The electroacoustic part is composed by two Neodymium 15" woofers and a horn loaded 1" Mylar driver. The electronic parts present high quality components (minimum phase crossovers, copper coils with Kapton and ferrite powder supports) which guarantee both high power (SPL up to 136 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 speaker 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 large clubs. As a matter of fact, the 4030MH speaker can reach a SPL of 100 dB at 35 meters. The 4030MH is namely suitable for utilization also without subwoofer, due to the increased low frequency efficiency of the double 15" speakers.

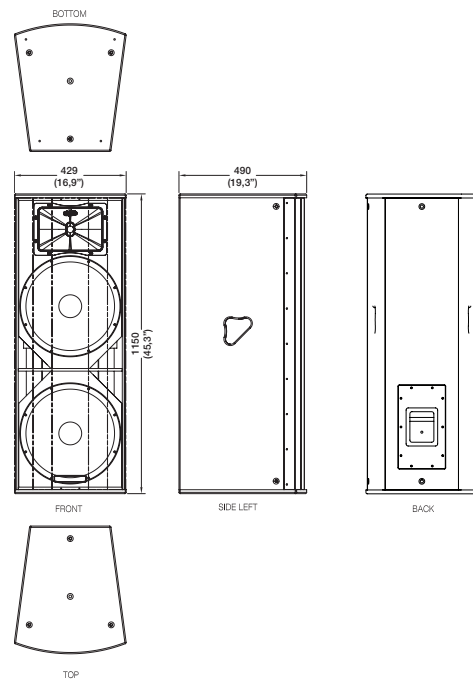
VERSIONS

The loudspeaker system is available in both active (4030MH/A) and passive (4030MH) version. The active version offers a class D switching amplifier. This amplifier presents advanced protection algorithms that optimized 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 along with easy handling.

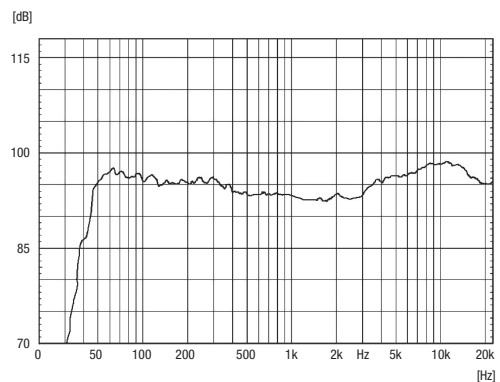
TECHNICAL SPECIFICATIONS

	4030MH	4030MH/A
System configuration	2 way loudspeaker system	2 way active loudspeaker system
Power handling RMS	900 W	Class D switching amplifier
Frequency response	50 ÷ 19k Hz	50 ÷ 19k Hz
Peak SPL (@1m)	136 dB	136 dB
Impedance	8 Ohm	/
Dispersion angle (-6 dB)	90° horiz. 50° vert.	90° horiz. 50° vert.
Transducers	LF 2x15" HF 1x1"	LF 2x15" HF 1x1"
Cabinet	birch plywood	birch plywood
Input connectors	2xNL4 Speakon	XLR - NAC3MPA
Dimensions (WxHxD)	429x1150x490 mm	429x1150x490 mm
Net weight (Kg)	39,5	40

DRAWING



FREQUENCY RESPONSE



All the measurements carried out in Sound Corporation laboratories

