

H1-212MH

STORM SERIES



FEATURES

- + 800 W (AES) power handling.
- + 133 dB continuous SPL output.
- + Equipped with premium Fane drivers.
- + 60° x 40° Rigid polyurethane horn with 2" throat.
- + 80 - 18500 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Black Polyurea paint finish.
- + Twin Neutrik Speakon NL4MP connectors.
- + Flush mounted fly-track installed with reinforced internal steel back plates.

APPLICATIONS

- + Long throw main PA reinforcement in permanent installations, outdoor sound, nightclubs and large auditoriums.



STORM H1-212MH

DUAL 12-INCH, LONG THROW, HORN LOADED, PASSIVE LOUDSPEAKER SYSTEM

The Storm H1-212MH loudspeaker stands as a remarkably efficient 2-way mid/high system, meticulously crafted for applications that demand long-throw main PA reinforcement. Its versatility extends to various settings, including permanent installations, dynamic outdoor concert soundscapes, bustling nightclubs, and grand auditoriums. Notably, the H1-212MH is ingeniously designed to seamlessly integrate with Storm series subwoofer systems, culminating in a holistic performance that redefines excellence.

This sonic powerhouse delivers an awe-inspiring level of sound pressure, ensuring a spectacular auditory experience marked by smooth and consistent sound dispersion. A noteworthy feature is its adaptability for horizontal array configurations, allowing for optimal coverage of larger spaces. The inclusion of a flush-mounted fly-track system, fortified with robust internal brackets, adds a layer of versatility by accommodating diverse flying setups, enabling the H1-212MH to adapt to varying venue requirements.

Crafted with unwavering attention to detail, the cabinet of the H1-212MH is meticulously assembled from 18mm void-free birch plywood, showcasing the application of precision tongue and groove techniques. Integrated handles enhance portability, contributing to its user-friendly design. The dual 12-inch driver components are well-guarded by two black powder-coated hexagonal grilles, ensuring durability while maintaining an aesthetic appeal. The cabinet's visual finesse is crowned with a tasteful black polyurea finish, reflecting both its technical sophistication and aesthetic refinement, making the H1-212MH a truly exceptional loudspeaker in every aspect.



Power Handling Program Peak	800 W (AES) 1600 W 3200 W
Nominal Impedance	LF: 8 Ω, MF/ HF: 8 Ω
Average Sensitivity	104 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	133 dB (continuous) 136 dB (program) 139 dB (peak)
Frequency Response (-6dB)	80 Hz - 18.5 kHz
Manufacturing Consistency	100 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	60° (H) x 40° (V) ≥1.8 kHz
Recommended Amplifier	≤ 1000 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut	70 Hz 24dB/ Oct Linkwitz-Riley
Crossover	Passive @ 1 kHz
Low Frequency Driver	2 Fane transducers, 16Ω impedance 12" (300 mm) diameter, 3" high temperature voice coil on glass fibre former
High Frequency Driver	High frequency driver, 2" (50.8mm) exit with 2.85" voice coil, titanium diaphragm

Flying Hardware	8x M8 points with internal metal brackets 8x Aircraft-grade, 6 hole flytrack installed
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	915 x 531 x 460 mm
Shipping Carton Size (HxWxD)	979 x 595 x 524 mm
Weight	48 kg net 56 kg gross

