



DYNAMO™ IW-0

High Resolution Open Back In-Wall Subwoofer



What's the difference between Dynamo IW-O and IW-S?

The Dynamo IW-O uses the same retrofittable size, and dual 8" woofer configuration as the IW-S, but with an open back design instead of a sealed, fire rated enclosure. The open back of Dynamo IW-O means more sound will transfer into the wall (which could cause some noise complaints from other rooms), but with the tradeoff of deeper bass extension and higher output potential than IW-S. IW-O also has an available "High Output Back Box" accessory for when a mixture of sound control and higher output is desired.

The Choice Is Yours.

Dynamo IW-O gives you flexible installation options. Choose to use it in its default open wall cavity configuration and you have an affordable, easily retrofittable, high output subwoofer solution. For new construction projects (or when drywall repair isn't an issue) where sound control is desired, the optional HOBB (High Output Back Box) acoustic backbox provides a large enclosure volume to let the Dynamo IW-O stretch its legs, while providing acoustic control to reduce sound transmission through the wall.



Bass Without The Bulk.

Purpose-built for high output and low distortion from a compact, retrofittable enclosure. The dual, 8" High-Excursion Carbon-Fiber-Reinforced Polypropylene woofers provide more surface area than a 10" sub for powerful, accurate bass without the bulk.

Distributed Audio Made Easy.

Our MDA series amplifiers have made adding bass to whole home music systems easier than ever. For these distributed audio systems, the Dynamo IW-O can easily be driven off the bridged "subwoofer output" allowing you to take advantage of the MDA's robust bass management, custom DSP profiles, and advanced ARC Genesis



The Hidden Alternative.

Sometimes a traditional subwoofer just isn't in the cards for every system. The Dynamo IW-O expands the offerings in our highly acclaimed Dynamo Subwoofer series. With a minimalist look, the Dynamo IW-O is a great way to have much of the performance of a standalone sub without the bulk. Bass you'll notice, with a look you won't.

Practicality Performance.

With powerful bass and zero footprint, you get the best of both worlds, allowing you to add bass to any room without taking up valuable floor space.



A Perfect Match.

In addition to the MartinLogan MDA series, the Dynamo IW subwoofers are compatible with the MartinLogan MP500 amplifier. The custom DSP presets optimize performance and our engineers even designed options to support running dual subwoofers off a single amplifier, making it easier than ever to get powerful bass in a stealth installation.



Dynamo IW-S

Other Features:

- Ultra Rigid Stamped Steel chassis and baffles and die-cast aluminum clamps add strength and rigidity for better bass performance, and more durable installation.
- Magnetically attached grille: Easily reveal or hide the performance whenever you like.
- Premium-grade components include high-power rated resistors, capacitors and heavy gauge wire inductors.
- Optional (sold separately) High Output Back Box available for when sound control is desired. **The IW-O with optional back box will require new construction or drywall repair to be performed. If both sound control and retrofit sizing is required, take a look at the Dynamo IW-S.**
- Nickel-plated, spring-loaded binding posts feature a larger wire hole to accept higher-gauge wire or banana plugs.



Design

Dual high-excursion drivers, in-wall, GRIP™ chassis/mounting bracket, and optional backbox

Low Frequency Driver

Two 8" (210-mm) CFP™ carbon-fiber-reinforced polypropylene cones, 1-1/2" (38-mm) voice coils, over-molded TPR™ surrounds, 1-1/2" (38-mm) 8-layer copper wire voice coils, high-temperature polyamide formers, ceramic/ferrite magnet structures

Internal Volume

88L "standard" wall cavity (26L when installed in optional backbox)

Frequency Response

+/-3dB from 30->190 Hz

Low Frequency Extension*†

25 Hz (DIN)

Suitable Amplifier Power Range

50-800W

Maximum Input Power‡

400W

Minimum Mounting Depth

3-1/2" (8.9cm)

Amplifier Frequency Range

20Hz-20kHz +/-3dB

Cut-Out Dimensions

18" x 9-5/8" (45.7cm x 24.5cm)

Weight

15lbs (6.8kg) each

Mounting Dimensions (h x w x d)§

19-1/8" x 10-3/4" x 3-1/2" (48.5cm x 27.2cm x 8.9cm)

Finish

White, paintable

Specifications are subject to change without notice.