

iws12-6 12" Architectural Subwoofer



KEY FEATURES:

- 12" High-Output Professional-Grade In-Wall Subwoofer
- 1400W, 4" Voice Coil Long-Throw driver
- 5.5" deep enclosure fits into 2"x 6" walls
- Maximum Output 124dB / 1m
- Highest Performance Available in its Class

OVERVIEW:

The iws12-6 install subwoofer employs a high-power, 1400W, 4" voice-coil long-throw driver in a 5.5" deep enclosure that can be installed flush into 2" x 6" stud walls, or surface mounted with only 5.5" of total depth. The bass the iws12-6 provides belies intuition, extending deeper than seems possible, with tight, tuneful expression.

Hyper detailed with extremely nuanced texture, Theory subs deliver low notes with a level of authority you can feel in your gut. The iws12-6 offers the highest output available in its class. It's the perfect complement to Theory's full range speakers to create a truly astonishing high-energy environment.

The iws12-6 ships with low profile mount brackets for 16" O.C. studs. An optional low-profile white, paintable, perforated grille allows the sub to completely disappear within any environment. Pair it with multiple Theory ic6, iw25, or Pendant Speakers for an easy to deploy high-performance distributed audio or commercial audio system.

The performance and versatility of the iws12-6 must be experienced to be believed. Book a visit to the Theory Southern California Experience Center today to learn just how valuable this little loudspeaker will be in your system design toolbox.

The iws12-6 enclosure and iws12 speaker assembly are sold separately.

APPLICATIONS:

Background and Foreground Business Music Systems

Bars and sports bars, restaurants, retail stores, hotels, houses of worship, corporate conference, screening rooms, lobbies, and casinos, etc.

Music and Video Post Production

Surround and Dolby Atmos mix rooms, music post production.

High Output Surround Sound Systems

Residential and commercial media rooms, gaming systems, executive boardrooms and conference rooms.

Two-channel Music Systems

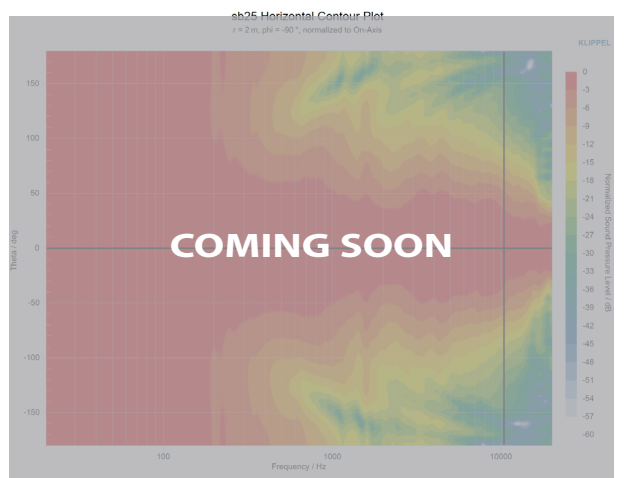
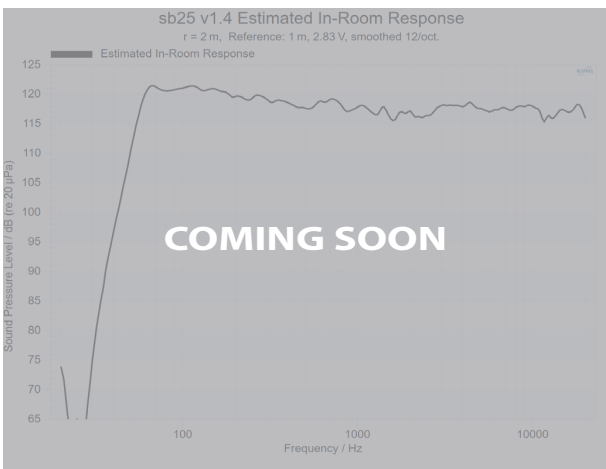
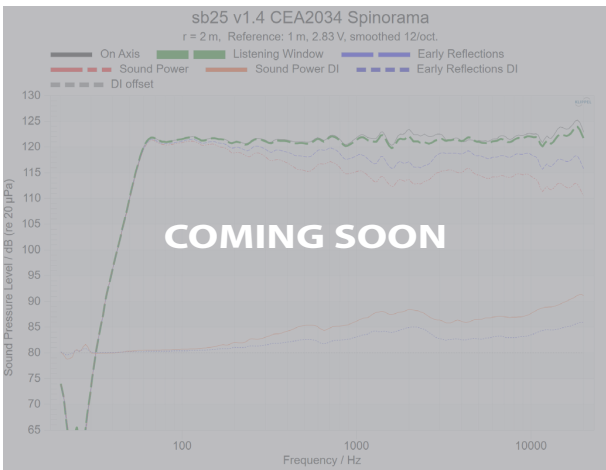
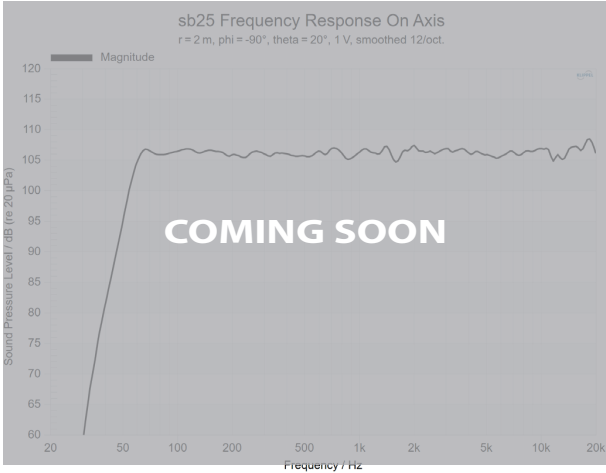
Premium residential and corporate stereo music systems, music and performance higher education.

iws12-6 Specifications¹

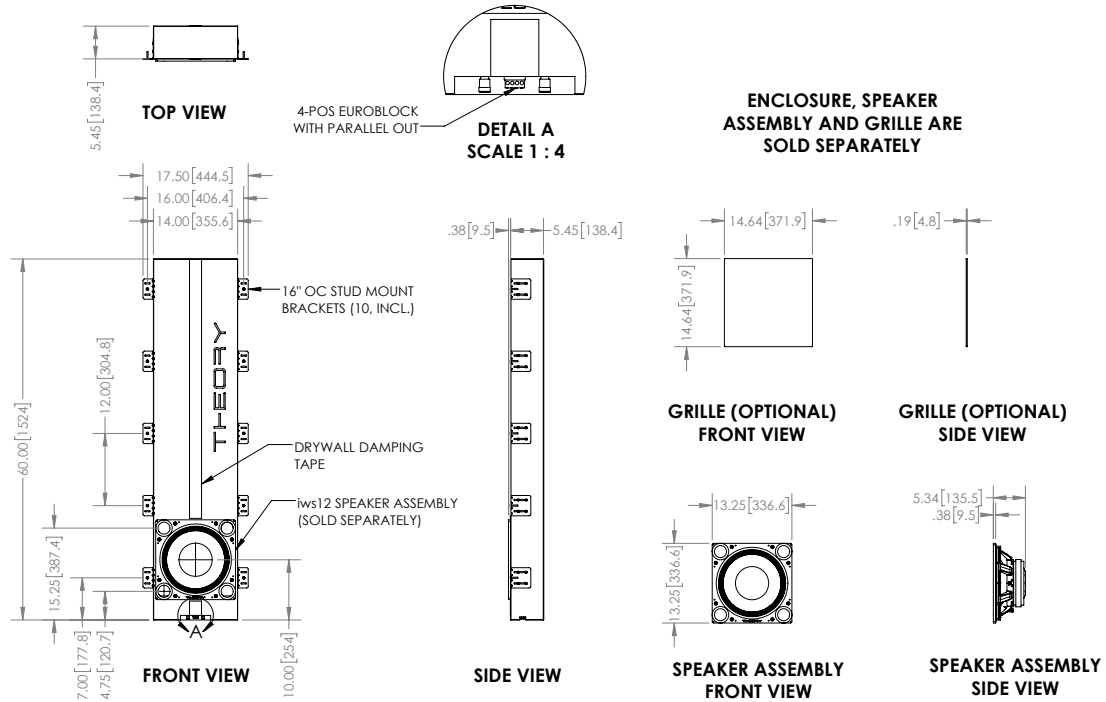
Description:	12" High-Output In-Wall Subwoofer for 2" x 6" walls
Operation:	Passive, Requires One (1) Theory Loudspeaker Controller Amp Channel
DSP Requirements:	Requires Model-Specific Theory-Certified DSP Loudspeaker Processing
Drivers:	1 x 12" Theory 1400W 4-Inch Voice Coil Long Throw Woofer
Enclosure:	Multi Plywood Enclosure
Terminals:	Twin Spring-Loaded Push Terminals
Outdoor Capability:	Indoor Use Only
Bandwidth:	24Hz - 125kHz, -3dB; 18Hz, -10dB
Sensitivity:	95.5dB SPL / 1m
Power Handling:	700W (AES); 1400W (Continuous); 2800W (Peak)
Minimum Recommended Power:	250W rms
Maximum Output:	124dB SPL / 1m
Nominal Impedance:	8-ohms
Colors:	Black, White Perforated Metal Grille Optional
Dimensions:	60" H x 14" W x 5.5" D (1524mm H x 356mm W x 140mm D)
Net Weight:	49 lbs. (22.2 kg)
Included Accessories:	Low Profile Angle Mount Brackets for 16" O.C. Studs
Optional Accessories:	White Perforated Low-Profile Grille

¹ - Specifications when used with required Theory-Certified DSP loudspeaker processing. Failure to use Theory-Certified processing may cause damage, degrades performance and voids manufacturer warranty.

iws12-6 Measurements



iws12-6 Dimensions



iws12-6 Architectural Specifications

The loudspeaker shall be of the one-way "subwoofer" type comprising a single, multi plywood enclosure containing one (1) 12" (305mm) paper cone, treated fabric surround and a four-inch voice coil. It shall utilize an (optional) white paintable metal grille. Frequency range shall be 24Hz – 125KHz (-3dB). Total power handling shall be 700 Watts (AES); 1400W continuous program; 2800W Peak. Sensitivity measured with 2.83 volts input at 1 meter on axis shall be 95.5dB. The loudspeaker shall operate via a single connected amplifier channel of suitable power and *must be combined with external Manufacturer-Certified DSP Processing*. The unit shall have a nominal input impedance of 8-ohms. The loudspeaker enclosure shall be constructed from multi plywood material. The external wiring connectors shall be 4-position Euroblock connector and spring loaded and gold plated posts, and shall accept bare wire, single or dual banana-type connectors with 19 mm (3/4 in) spacing. External dimensions shall be 14" Width x 5.5" Depth x 60" Height (356mm W x 140mm D x 1524mm H). The total enclosure shall weigh 49 lbs. (22.2 kg) per unit. The loudspeaker shall be the Theory Audio Design iws12-6 Architectural Subwoofer.

© 2023 THEORY AUDIO DESIGN, LLC. All rights reserved.

Theory Audio Design, LLC dba Theory Professional routinely engages in programs to improve, modify and revise its products without notice or obligation.

THEORY AUDIO DESIGN, LLC dba THEORY PROFESSIONAL

25741 Atlantic Ocean Drive, Suite B
Lake Forest, CA 92630

Tel: 949-245-0505
www.theoryaudiodesign.com