



LYNGDORF

# LYNGDORF DW-1

HIGH-PERFORMANCE IN-WALL WOOFER FOR CUSTOM INSTALLATIONS

## IMPRESSIVE BASS FROM A SHALLOW DESIGN

The DW-1 is a high-performance in-wall woofer specifically made for custom installations that require the most shallow woofer solution. The rigid and sealed enclosure is very easy to integrate and perfectly fits 4 inch/10 cm cavity walls, while the extended height provides the large inner cabinet volume required for remarkable bass extension.

In combination with a very powerful driver, the DW-1 delivers an impressive bass performance. The DW-1 can be used in-wall floor-standing or custom-mounted in-ceiling and comes with a paintable, magnetically held grill to cover the woofer front.

## POWERFUL HIGH-EXCURSION 10 INCH WOOFER

The very limited depth inside an in-wall woofer requires a special high-performance driver. The DW-1 utilizes a patented high-excursion shallow woofer design, customized for Lyngdorf Audio and based on an innovative voice-coil/cone geometry and suspension, which allows the highest excursion from the most space-saving construction.

A four-layer voice coil, an ultra-rigid dual aluminum cone, a very powerful neodymium magnet, and an extremely rigid cast basket provide impressive bass performance, achieving a high output level and low reach. The high-bandwidth design ensures an accurate, fast response and allows the most seamless sound integration with the main speakers.

## HIGHLIGHTS

- Very shallow construction perfectly fits 4 inch/10 cm cavity walls
- Extended height provides a large cabinet volume for impressive bass performance
- Very powerful, high-excursion, shallow 10 inch woofer
- Comes with paintable, magnetically held grill



## SPECIFICATIONS

<b>Description:</b>	Passive in-wall woofer
<b>Woofer:</b>	1 x 10-inch, dual aluminum cone, 4-layer voice coil, neodymium magnet
<b>Enclosure:</b>	MDF with internal bracing, 19 mm and 16 mm
<b>Frequency range:</b>	30 – 200 Hz (-3 dB)
<b>Nominal impedance:</b>	4 Ohm
<b>Power handling (IEC long term):</b>	300 W
<b>Maximum SPL:</b>	109 dB (60 V / 1 m)
<b>Sensitivity:</b>	82 dB (2.83 V / 1 m)
<b>Connections:</b>	Push-type spring terminal, gold-plated
<b>Recommended placement:</b>	In-wall floor-standing, boundary woofer
<b>Dimensions (W x H x D):</b>	350 x 1000 x 88 mm / 13,78 x 39,4 x 3,5 inches
<b>Weight:</b>	16 kg / 35,3 lbs
<b>Standard finishes:</b>	Matte black, paintable front grill