

# LYNGDORF BW-3

## POWERFUL AND COMPACT SUBWOOFER

The BW-3 is designed as a high bandwidth subwoofer with the objective of reproducing optimal dynamics and precision. This is reflected in the frequency range of the driver reaching up to 800 Hz in bypass mode, in contrast to traditional subwoofers, which are typically limited to 120 Hz. In other words, this is a driver that follows the signal with extreme precision. It therefore can actually play music and not just the low-end rumble and explosions of an action movie.

### POWERFUL AND COMPACT DESIGN

The internal amplifier is Lyngdorf Audio's Class-D design based on more than 15 years of experience in designing audiophile Class-D amplifiers. With an output of 400 watts, it can deliver ample power to control the powerful 8" driver - even at high levels. The BW-3 is equipped with a long-throw driver mounted in an extremely compact enclosure. For the driver to work in such a compact cabinet, with only 7 l of internal volume, a custom unit was designed. The 8" woofer features a massive "motor," which has an extremely fast response and high efficiency.

The BW-3's extremely light, stiff driver, which features a single well-defined breakup point, is based on an aluminum diaphragm topped with an inverted dust-cap. The open basket design allows ventilation below the spider which, together with the vented pole piece, prevents over and under pressure from causing mechanical losses when the cone is moving.

### FLEXIBILITY IN INSTALLATION

The woofer fits into all types of setups, as the amplifier module holds the traditional signal controls as well as a bypass switch for easy and direct connection to Lyngdorf Audio amplifier outputs or to other audio products, which provides full control of the sub-out connection.

The BW-3 is delivered without feet mounted, as the compact cabinet design allows for several ways to integrate the speaker with home décor. With cabinet dimensions reduced to a minimum, the BW-3 can be positioned standing upright or on its side in order to fit into the available space. This construction makes it the perfect match for any setup, as a subwoofer for other speakers in a stereo or home cinema system.

### HIGHLIGHTS

- Frequency range up to 800 Hz
- Powerful and compact design
- Fits into all types of setups
- Easy to integrate with your home décor



## SPECIFICATIONS

<b>Description:</b>	High bandwidth subwoofer
<b>Driver:</b>	8" long throw driver with aluminum cone and 38mm / 1 1/2 in voice coil
<b>Amplifier:</b>	400 W RMS, Class-D type
<b>Enclosure:</b>	Closed cabinet type, full MDF construction, volume: 7.25 liters
<b>Frequency response:</b>	27 to 200 Hz (using line input), 27 to 800 Hz (using bypass input)
<b>Controls:</b>	Bypass switch, phase control (0 to -180°), level control, x-over frequency (60 to 200Hz)
<b>Connections:</b>	RCA / analog mono input
<b>Placement options:</b>	On floor, standing or on the side
<b>Dimensions (W x H x D):</b>	31.5 x 23 x 17.2 cm 12.4 x 9.1 x 6.8 in
<b>Weight:</b>	8.9 kg 19.6 lb
<b>Finish:</b>	High-gloss black, matte black or matte white
<b>Item no.:</b>	90003022x