



# Orca1 Compact Speaker

## Redefining Compact Speaker Performance



The ORCA1 is the world's first speaker that merges the unique performance capabilities of Planar Magnet technology and Balance Mode Radiators (BMR) into a powerful compact enclosure. The end result of this combined technology is a new sonic signature that delivers ultra clear mid and high frequency details coupled with full and balanced bass.

This exceptional sound comes from the M-3 planar magnetic driver and a 3.5" Balance Mode Radiator (BMR). The M-3 planar driver, known for its incredibly low distortion and lightning-fast transients and the BMR driver delivers exceptional realism and full-range performance.

The drivers are mounted in an enclosure design which uses multiple partitions allowing each driver to operate within their own acoustically tuned chamber. While functioning as a 2-way system, the combined band-pass and power output from each driver have been matched so that the speaker can be powered from a single amplifier channel. No crossover network is required.

The ORCA1's superior sonic performance is enhanced by the integration of a Bluetooth receiver that provides the ability to stream music from your phone and also allows the ORCA1 to be used as a desktop speaker phone. In addition to the Bluetooth connection, the ORCA1 is fitted with a 3.5mm mini-jack input allowing for music to be played from any audio source desired. With the addition of rechargeable lithium batteries that provide over 11 hours of continuous use, the ORCA1 is portable, powerful, and distinctive.

Designed with a sleek profile and built out of solid walnut, the ORCA1 provides a stylish look that is an enhancement to any executive office, board room, entertainment center, or any area where superior audio performance is desired.

### Ideal Applications:

- Executive / Corporate Offices
- Conference and Board Rooms
- Office Receptions, Lobbies, Entryways, and Lounges
- Retail / Office Environments
- Entertainment Centers
- Conference and Board rooms
- Anywhere Superior Audio in a Compact Form Factor is Desired

### Orca1 Features:

- One 3 Inch MAD-3 Planar Magnetic Transducer and One 3.5 Inch Balanced Mode Radiator
- 15 watts RMS, 30W program (music), 60W peak, 200 ms
- Acoustically Tuned Chambers
- Incredibly Low Distortion
- Ultra Clear Mid and High Frequency Details
- Bluetooth and 3.5mm Mini-Jack
- Stylish, Distinctive Compact Design
- Solid Walnut or MDF (red, white or blue latex)
- Plug-n-Play Ready (no assembly)

■ Contact your PCSC Representative for more details: [sales@1pcsc.com](mailto:sales@1pcsc.com)





## Orca1 Compact Speaker Specifications

### General Description:

The ORCA1 is a self contained Bluetooth enabled speaker system with rechargeable lithium batteries that uses one 3" MAD-3 Planar Magnetic transducer and one 3.5" Balanced Mode Radiator. The speaker enclosure is constructed from solid walnut providing a stylish design. This system is plug and play ready and requires no assembly.

Configuration:	The ORCA1 comes standard in a solid walnut enclosure with rechargeable lithium batteries, a 3.5mm mini-jack audio input, and Bluetooth receiver/transmitter.  The ORCA1 can be ordered in an MDF enclosure that is finished in a Red, Blue, or White latex paint.
Driver:	One 3 inch MAD-3 Planar Magnetic transducer and one 3.5 inch Balance Mode Radiator transducer.
Horizontal Dispersion:	Nominal 45 degrees, useful to 60 degrees
Vertical Dispersion:	Nominal 30 degrees, useful to 45 degrees
Power Handling:	15 watts RMS, 30 watts Program (music), 60 watts peak, 200 ms
Useful Frequency Range:	400 Hz to 10 KHz + 3 dB; 150 Hz to 15 KHz + 10 dB
Sensitivity:	86 dB, 1 watt/1m band limited pink noise; 88 dB, 1 watt/1m @ 1 KHz
Maximum output:	100 dB, 15 Watts/1m @ 1 KHz
Audio Connection:	Bluetooth and 3.5mm Mini-Jack
Weight / Dimensions:	6.8 lbs / 5"H x 10.5"W x 8.25"D
Material & Finish / Warranty	Stained Solid Walnut or MDF (White, Red, or Blue Latex) / 3 Years
Accessories:	Power adapter for rechargeable batteries and 3.3mm audio cable. Included with speaker system. Replacement units can be ordered separately.

In a quest for increasing product performance, these specifications are subject to change without notice.

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