

The 90ON04-2WP is a race-track shaped speaker for full range audio in your game machines, kiosks, and other space conscious applications that produce energetic, performative audio.

- Full range wide band speaker
- 2" x 3.5" (50 mm x 90 mm) steel basket size
- 7 watts, 4 ohm, 88 dB SPL
- 0.8" copper voice coil, paper former
- Neodymium magnet, paper cone with natural rubber surround
- RoHS compliant



Primary Specifications

Size, Nominal (inch & mm)	2" Oval (50 mm)
Rated Impedance (Ω)	4
Sensitivity (dB SPL) ¹	88
Frequency Range (Hz)	160 - 20,000
Resonant Frequency (Fs) (Hz) +/- 15%	208

More Specifications

Application	Arcade Gaming, Casino Gaming, Drive-Thru / Kiosk, Outdoor
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	3.8

Small Signal Parameters

Nominal Impedance (Z) (Ω)	4
DC Resistance (Re) (Ω)	3.8
Resonant Frequency (Fs) (Hz) +/- 15%	208
Mechanical Q Factor (Qms)	5.9
Electrical Q Factor (Qes)	1.54
Total Q Factor (Qts)	1.22

Material Descriptions

Basket Type	Stamped Steel
Terminal Size (mm)	0.110 x 0.02 / 0.205 x 0.02
Voice Coil Diameter (mm)	20.3
Voice Coil Wire Material	Copper
Voice Coil Former Material	Paper
Magnet Material	Neodymium
Magnet Weight (g)	11
Cone Body Material	Paper
Cone Surround Material	Cloth
Dust Cap Material	Paper
Net Weight (kg)	0.1

