

10MC700ND 8oh

Brand: BEYMA
Product Code: 0003
Availability: In Stock
Weight: 8.86lb
Dimensions: 11.42in x 11.42in x 7.09in

Price: \$353.66

Description

- ? High power handling: 1.400 W program power
- ? Exclusive Malt Cross® Technology Cooling System
- ? Low power compression losses
- ? High sensitivity: 97 dB (1W / 1m)
- ? FEA optimized neodymium magnetic circuit
- ? Optimized non-linear behaviour
- ? 3" DUO double layer in/out copper voice coil MC Series
- ? Aluminium demodulating ring
- ? Weatherproof cone with treatment for both sides
- ? Extended controlled displacement: $X_{max} \pm 7$ mm
- ? 48 mm peak-to-peak excursion before damage
- ? Weight 3,7 kg
- ? Optimized for bass or mid-bass high performance audio

Product Gallery

KEY FEATURES **»** **advances**

- Polymer casting - 100% of propagation
- Reduced heat build-up during manufacturing
- Low power consumption
- High reliability (50,000 hrs)
- 100% automatic inspection implemented
- Reduced toner-free solution
- 100% automatic final inspection
- Acoustic damping ring
- Mechanical shock resistance test case
- Standard compliance (Class 2 test)
- Ultra-thin and low moisture uptake design
- Single chip
- Optimized for low and mid frequency performance audio system

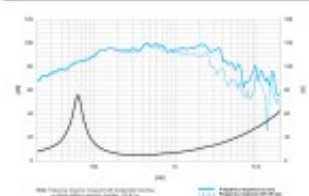


MECHANICAL SPECIFICATIONS

Mounting dimension	40mm
Mount impedance	8Ω
Mechanical impedance	150Ω
Power capacity	70W RMS
Frequency range	40-20000 Hz
Impedance	8Ω ±10%
Frequency range	40 - 20000 Hz
Resonance frequency	100 Hz
Q factor	0.7
DC resistance	8.5Ω
AC resistance	8.5Ω
DC inductance	0.1mH
AC inductance	0.1mH
DC capacitance	0.001μF
AC capacitance	0.001μF
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DC capacitance	0.001μF
AC capacitance	0.001μF

ACOUSTIC SPECIFICATIONS

Resonance frequency, f_0	100 Hz
DC, Voice coil impedance, R_{dc}	8.5 Ω
Mechanical Quality Factor, Q_{ms}	0.7
Mechanical Resistance, R_{ms}	150 Ω
Top Mounting Factor, TMF	1.0
Top Mounting Factor, TMF_{max}	1.0
Acoustic load factor, ALF	0.9
Mechanical Compliance, C_{ms}	0.0011 m/N
Mechanical Resistance, R_{ms}	150 Ω
Efficiency, η	2.1 %
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