

# 10MC700ND 8oh

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

**Price: \$334.50**

## 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 case (max. 1mm) better design
- Single chip
- Optimized case & sub-mounting performance with system

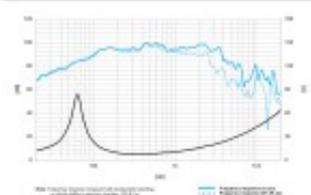


**MECHANICAL SPECIFICATIONS**

Mounting position	Vertical
Mounting impedance	5 Ω
Mechanical impedance	150 Ω
Power capacity	70 W <sub>PM</sub>
Frequency range	40-20,000 Hz
Impedance	4 Ω
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Resonance frequency	100 Hz
Q factor	0.7
DC resistance	4.5 Ω
DC inductance	0.1 mH
DC capacitance	0.001 μF
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**ACOUSTIC PARAMETERS**

Resonance frequency, $f_0$	100 Hz
DC, Voice coil resistance, $R_e$	4.5 Ω
Mechanical Quality Factor, $Q_{ms}$	0.7
Mechanical Resistance, $R_{ms}$	150 Ω
Top Mounting Factor, $TMF$	1.0
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Acoustic load factor, $ALF$	0.5
Mechanical Compliance, $C_{ms}$	0.001 m
Mechanical Resistance, $R_{ms}$	150 Ω
Efficiency, $\eta$	2.1 %
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