# 3" 202N-GL

# Compression Driver

REDCATT

## Key features:

- **WORLD'S FIRST GLASS DIAPHRAGM**
- **BREAKUP-FREE RESPONSE TO 20 KHZ**
- **109.5 DB SENSITIVITY, 70 W AES / 280 W PEAK**

## Design notes:

Every compression driver diaphragm is a compromise. Titanium rings. Polymers soften detail. Glass does neither. The 202N-GL is built around a precision-formed glass dome — the first one of its kind in the world — pairing metal-like stiffness with the natural internal damping metals can't offer. Breakup is pushed out of the working band, so the response stays smooth and controlled from 1 kHz to 20 kHz, exactly as the Klippel measurements show. Behind the glass: a 3" copper-clad aluminium ribbon voice coil on a kapton former, a powerful neodymium motor and a PEI surround, delivering 109.5 dB sensitivity from a package just 58 mm deep and 1.9 kg light.

## Specifications:

| General specs | |
|---|---|
| Nominal Diameter: | 3 " |
| Rated Impedance: | 8 ohm |
| **Power handling** | |
| AES Power: | 70 watts |
| Program Power: | 140 watts |
| Peak Power: | 280 watts |
| **Voice Coil** | |
| Diameter: | 76.2 mm |
| Winding wire: | CCAR |
| Former: | kapton |
| Winding height: | 2.9 mm |

| T/S Parameters | |
|---|---|
| Resonant frequency: | 710 Hz |
| Re: | 5.9 ohm |
| Sensitivity: | 109.5 dB |

| Design details | |
|---|---|
| Dome Material: | Glass |
| Surround material: | PEI |
| Magnet material: | Neodymium |
| Overall diameter: | 112 mm |
| Bolt circle diameter: | 102 mm |
| Mounting holes: | 4 |
| Depth: | 58 mm |
| Net weight: | 1.9 kg |
| Packaging: | 165x163x65 mm |

**Ordering codes:**

**CD-3-001-8R-B2-C0001**

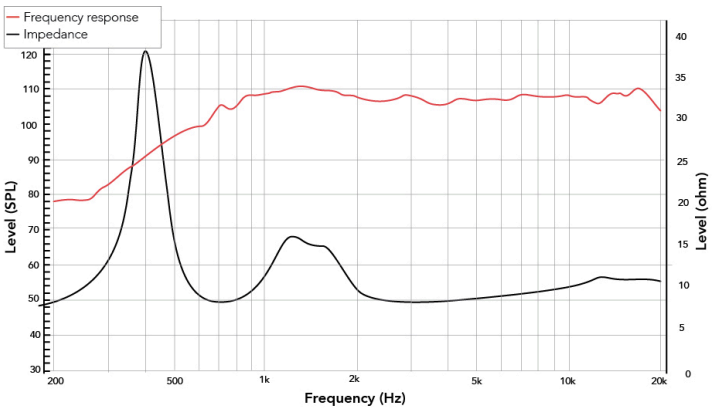
Legacy code: **648A**

**Recone kits:**

**RC648A**

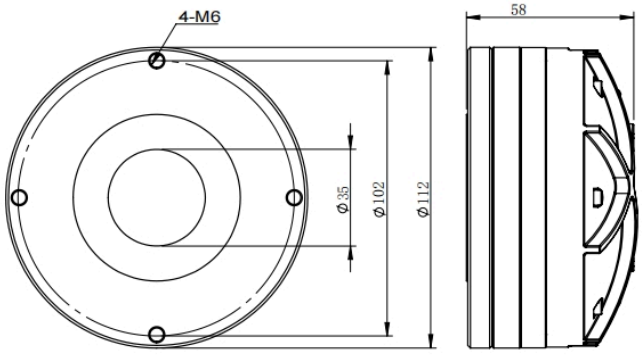
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

## Frequency response & Impedance




Frequency response measured on IEC baffle

## 2D drawing

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