MODEL #: 77SF08-3WP

**3 INCH (77 MM) 8 OHM, FULL RANGE SPEAKER**

PART #: 93113

This full range speaker provides a reliable weather-resistant solution for voice, music, and gaming audio projects. A heavy-duty ferrite magnet and treated paper cone supports this driver's powerful outputs, and a protective foam surround and gasket ensure this driver's longevity despite prolonged exposure to water and moisture-filled environments.

- Full range speaker
- 3 in. (77 mm) steel basket diameter
- 10 watts, 8 ohm, 86 dB SPL
- 1 in. copper voice coil, paper former
- 3.6 Oz. ferrite magnet
- Paper cone, foam surround



**Primary Specifications**

| | |
|---|---|
| **Size, Nominal (inch & mm)** | 3" (77 mm) |
| **Rated Impedance (Ω)** | 8 |
| **Continuous Power (W)** | 10 |
| **Sensitivity (dB SPL) [1]** | 86 |
| **Frequency Range (Hz)** | 100 - 20, 000 |
| **Resonant Frequency (Fs) (Hz) +/- 15%** | 130 |


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## More Specifications

| | |
|---|---|
| **Application** | Arcade Gaming, Casino Gaming, Drive-Thru / Kiosk, Voice Communications |
| **RoHS Compliant** | No |
| **DC Resistance (Re) (Ω)** | 6.7 |
| **Program Power (W)** | 20 |
| **Continuous Power (W)** | 10 |

## Small Signal Parameters

| | |
|---|---|
| **Nominal Impedance (Z) (Ω)** | 8 |
| **DC Resistance (Re) (Ω)** | 6.7 |
| **Resonant Frequency (Fs) (Hz) +/- 15%** | 130 |
| **Mechanical Q Factor (Qms)** | 3.1 |
| **Electrical Q Factor (Qes)** | 1.1 |
| **Total Q Factor (Qts)** | 0.8 |

## Material Descriptions

| | |
|---|---|
| **Basket Type** | Stamped steel |
| **Terminal Size (mm)** | 5.2 x 0.5 / 2.8 x 0.5 |
| **Voice Coil Diameter (mm)** | 20.3 |
| **Voice Coil Wire Material** | Copper |
| **Voice Coil Former Material** | Paper |
| **Magnet Material** | Ferrite |
| **Magnet Weight (g)** | 102.06 |
| **Cone Body Material** | Paper |
| **Cone Surround Material** | Foam |
| **Dust Cap Material** | Mylar |
| **Net Weight (kg)** | 0.31 |





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