

PART #: ECN3W-8A



A compact, high-quality audio solution that provides reliability, power, and easy installation. This single full range speaker with a frequency response from 100 - 20,000 Hz. Application uses include medical ultrasound devices, gaming cabinets, kiosks, line arrays, and voice communication systems.

- 3" (77 mm) diameter
- 10 watt, 8 ohm, 84 dB SPL
- "0.75 aluminum former
- Neo-rite magnet, steel basket
- Paper cone, rubber surround



## **Primary Specifications**

| Size, Nominal (inch & mm)            | 3" (77 mm)    |
|--------------------------------------|---------------|
| Rated Impedance ( $\Omega$ )         | 8             |
| Sensitivity (dB SPL) <sup>1</sup>    | 84            |
| Frequency Range (Hz)                 | 100 - 20, 000 |
| Resonant Frequency (Fs) (Hz) +/- 15% | 100           |







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## **More Specifications**

| Application                     | Arcade Gaming, Casino Gaming, Indoor,<br>Drive-Thru / Kiosk, Medical, Voice<br>Communications |
|---------------------------------|---|
| RoHS Compliant                  | No  |
| DC Resistance (Re) ( $\Omega$ ) | 6.2   |
| Program Power (W)               | 20  |

## **Small Signal Parameters**

| Nominal Impedance (Z) ( $\Omega$ )   | 8    |
|--------------------------------------|------|
| DC Resistance (Re) ( $\Omega$ )      | 6.2  |
| Resonant Frequency (Fs) (Hz) +/- 15% | 100  |
| Mechanical Q Factor (Qms)            | 2.0  |
| Electrical Q Factor (Qes)            | 0.79 |
| Total Q Factor (Qts)                 | 0.55 |

## **Material Descriptions**

| Basket Type                | Stamped steel |
|----------------------------|---------------|
| Voice Coil Former Material | Aluminum      |
| Magnet Material            | Neo-rite      |
| Magnet Weight (g)          | 96.67         |
| Cone Body Material         | Paper         |
| Cone Surround Material     | Rubber        |
| Net Weight (kg)            | 0.29          |



