

## PRODUCT SHEET & SPECIFICATIONS

# n.FORM™ SPEAKER ENCLOSURE (MODEL G655/G654)



Note: Standard speakers come in an aluminum finish. Custom painting is available at an upcharge.

### FUNCTION

n.FORM™ Technology speakers are designed to be an integrated part of Lencore n.Form engineered system solutions. Each speaker, when used with the n.FORM™ Operating Platform, produces nearly twice the sound level of other systems.

In addition, the n.FORM™ speakers enable sound masking to be distributed uniformly throughout a space. Typically hung above the ceiling tile or gypsum ceiling, the speakers fill the plenum with sound that gently filters into the environment below to create speech privacy.

The n.FORM™ Speaker:

- Can detect speaker failure within any channel
- Designed to meet voice intelligibility requirements to provide the clearest audio

Speakers used in the n.FORM™ system are configured with integrated RJ45 connections for plug and play and ease of installation. The speakers feature an aluminum housing, 5-inch wide dispersion and weigh approximately three pounds each.

There are two speaker models available (6" & 4") to accommodate various plenum depths. Speakers distribute sound masking, paging and/or music.

Speakers are UL Listed for use in air handling spaces.

Model

**G655**  
**G654**

## n.FORM™ SPEAKER ENCLOSURE

### – SPEAKER ENCLOSURE

- + Aluminum Housing
- + Galvanized Perforated Grill
- + Lightweight Mounting Chain
- + Two speaker models available – 6" & 4"

### – SPEAKER MODEL DIMENSIONS

#### **G655**

- Height – 6"
- Diameter – 6"
- Weight – 3lbs

#### **G654**

- Height – 4"
- Diameter – 6"
- Weight – 3lbs

### – LOUDSPEAKER

- + 5-inch - wide dispersion
- + Power Rating – 10 watts RMS
- + Frequency Response – 60–13,000 Hz
- + Impedance – 32 Ohms
- + Resonance – 85 Hz
- + Magnet Weight – 10 oz
- + Magnet Structure Weight – 26 oz
- + Cone – Formed Fiber
- + Cone Suspension – High Compliance Foam
- + Voice Coil – 1-inch diameter
- + Voice Coil Form – Anodized Aluminum

### – PAGING INPUT

- + Via OP and MPI

### – POWER REQUIREMENT

- + Powered by OP

### – OUTPUT ADJUSTMENT

- + N/A

### – WIRE REQUIREMENTS

- + All wire must be plenum rated and UL listed
- + Speakers use Cat 5e or equivalent, 4 twisted pair and RJ45 connectors
- + Straight cable – Pin 1 to Pin 1, Pin 2 to Pin 2, etc

### – OTHER SYSTEM WIRE REQUIREMENTS

- + 16 gauge, plenum rated, stranded, 2-conductor wire  
(for power supply to OP)

### – AGENCY LISTINGS (PENDING)

- + UL 2043: Approved for use in air handling spaces. US and Canada.
- + UL 6500 or ANSI/UL 60065: Approved for use as audio/video equipment. US & Canada.
- + UL 1480: Approved for use as speakers for use in fire alarm, emergency, and commercial and professional use. US and Canada.

- + **CE**

### OTHER SYSTEMS ALSO AVAILABLE

Spectra® Classic, Spectra i.Net®, Tangent™