

PRODUCT SHEET & SPECIFICATIONS

n.FORM<sup>®</sup>  
SPEAKERS

MODEL G655/G654



FUNCTION

The n.FORM<sup>®</sup> Technology speakers are designed to be an integrated part of the 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 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.

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 are UL Listed for use in air handling spaces.

\*Standard speakers come in an aluminum finish. Custom painting is available at an upcharge.

SPEAKER ENCLOSURE

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

SPEAKER MODEL DIMENSIONS

	G655:	G654
+ Height	6"	4"
+ Diameter	6"	6"
+ Weight	3lbs	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

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MODEL G666/G654

PAGING INPUT

+ Via 3RU Rack Headend & OP

POWER REQUIREMENT

+ Powered by OP

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 REQUIREMENTS

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

AGENCY LISTINGS

- + 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.

HOW TO SPECIFY A MODEL #:

Lid Type	Specify Unit Height	Jack Chain or Airplane Wire	Specify Hanging Style (Not available on desktop units)	Specify Color	Specify Wire Box If local code dictates
Leave blank for standard lid	G655 (6")		Leave blank for standard hanging method	W (White)	Leave blank for power wires with no box
LG035 (ceiling plate)	G654 (4")		TRI for tripod hanging or 3-notch chain configuration	B (Black)	HB Handy Box Unit (ex. St. Louis, Miami, etc.)
			INV for inverted 3-notch chain		C Air Tight Electrical Box Unit (ex. Chicago, etc.)
			INVCHAIN for single jack chain		
			SSL/SST for L/T-Mounting bracket		

Example #1

G655-TRIHB - 6"Unit with Tripod Lid and Handy Box

Lid Type	Specify Unit Height	Jack Chain or Airplane Wire	Specify Hanging Style (Not available on desktop units)	Specify Power Wires Covered If local code dictates
	G655	-	TRI	HB



HB - Handy Box



C -Air Tight Electrical Box



TRI -Tripod



INV - Inverted



INVCHAIN - Inverted  
Jack Chain



LG035 - Ceiling Plate



SSL - L-Bracket



SST- T Bracket