



### FEATURES

- ◆ 4" Woofer & 3/4" Aluminum Tweeter
- ◆ Aluminum Mounting Dogs
- ◆ White Powder Coat Finish
- ◆ All-Aluminum Construction
- ◆ Split Ring T-Bar Support
- ◆ Optional Speed Saw



### DESCRIPTION

Enforcer G Series Loudspeaker is a completely self-contained coaxial, bass-reflex speaker system. The G4 is ideal for interior applications that require background music as well as high quality paging for announcements. This high output package utilizes a unique and effective cooling system known as Air Gap Technology (AGT).

The basket of this little monster is cast aluminum, which sets it above the typical, stamped metal basket commonly found in the housing of inferior speakers. A series of precision holes machined in the aluminum basket act as heat transfer points, actively pulling heat from the gap. This, coupled with the space between the cone and the spider, allows the speaker to maintain maximum performance even under extremely demanding conditions.

Consisting of aluminum cone woofers and aluminum high output tweeters, all of the G-Series speakers utilize a built-in, 70-volt transformer that offers a variable tap selection switch and a transformer by-pass for 16-ohm operation. It is selectable by removing the front grill, facilitating changes in impedance during or post installation.

The G4 is enclosed in an all-aluminum bezel assembly with a fully mounted, metal sealed back can, with no plastic or ABS parts. The enclosure has removable non-fiberglass damping material inside and white powder coat finish on the outside. The G4 ships complete with t-bar supports. Wiring terminations are enclosed in a rear compartment utilizing a smart connect plug, wire restraint, and removable cover plate creating a further seal of protection around the entire connector.

When flush mounting, the entire installation can be done from below the ceiling grid. The split ring tile support can easily be pasted through the hole up and into place. The G4 speakers are then pushed up into the mounting hole and the three machine screws found under the grill are used to operate the three aluminum tie down dogs. This simple installation process is an additional feature of the G-series speakers. If a single hang point is preferred, there is optional support hardware package offered. The GS2 free hanging system suspends the speaker from a single point.

Also capable of free space installations where architecture is opened and flush mounting is not an option, the G4 is equipped with three hang points. Because the housing is durable and attractive white powder coat, either installation option is aesthetically pleasing.

Whether installed flush or as a free hanging unit, this product promotes consistency and ease when ordering and installing. To make the G4 even more contractor-friendly, there is an option of ordering the back plate on its own (G4IP input plate for G4). These can be installed along with the connector. The G4 speaker can then be easily installed at a later date.

# G4

## HIGH OUTPUT CEILING SPEAKERS



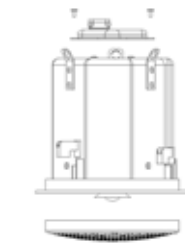
### SPECIFICATIONS

System	
Type	G-Series high output ceiling speaker
Drivers	4" Woofer & 3/4" High Frequency Tweeter
Power Taps (70V)	30W, 15W, 7.5W, 3.7W bypass (16 Ohm)
Power Taps (100V)	30W, 15W, 7.5W, 3.7W bypass (16 Ohm)
Power Handling Direct	45 Watts RMS
Sensitivity (1W/1M)	86dB
Frequency Range	80Hz / 20kHz ± 10dB
Nominal Dispersion	140° conical
Nominal Impedance	16Ω 70 Volt
Crossover	4600Hz passive
Connector	Removable Phoenix up to 12 AWG wire size
Weight	7.9 lbs.
Tile Support System Weight	2 lbs.
Finish	White powder coat paint

Transducer Construction	
Woofer Size	4" Cone 1" Voice Coil
Surround Material	Rubber
Cone Material	Aluminum
Voice Coil Material	Insulated Copper
Voice Coil Former	Aluminum
Speaker Basket	Cast Aluminum
Tweeter Size	1 7/8" Flare 3/4" Voice Coil
Material	Aluminum
Frame and Flare	Aluminum

Enclosure Construction	
Baffle Material	Fine mesh steel screen with removable cloth insert (not visible)
Bezel & Tie Down Dogs	Aluminum
Back Can	Metal

Shipping	
Weight	22 lbs.
Carton Size	29"L x 11.25"H x 11.25"W
Shipped	In Pairs



#### Parts Include:

- 2 G4 Speakers,
- 2 Speaker Grills,
- 2 Input Plates, 2 Plug-in Termination Connectors,
- 4 T-Bars, 2 Split Ring Supports, 2 Paint Protectors,
- 1 Manual, 1 Warranty Card



Support Hardware	
T-Bar & Split Ring	Included with each pair
Drywall Rough in	EDR502 - Optional rough in plate spans 16" centers
Free Space Hang Wire	GS2 - Optional fly cable for free space installations
Speed Saw	HA4568 - Optional circle cutter, cuts perfect holes for 4" to 8" speakers
Input Plate	G4IP - Optional additional input plates, pre-installed to conduit, making installation fast and simple



T-Bar



Split Ring



Drywall Rough in EDR502



Speed Saw HA4568



Input Plate G4IP



Free Hang System GS2

Supplying Dealer

TO ORDER CALL: 1-800-565-3586 (EASTERN CANADA) OR 1-800-667-7670 (WESTERN CANADA)

High Output Ceiling Speakers G4 12/05



# G4

## HIGH OUTPUT CEILING SPEAKERS

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### ARCHITECTS SPECIFICATIONS

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The Loudspeaker shall be of an in-ceiling flush mount design. Consisting of a 4" low frequency driver utilizing AGT for cooling of voice coil and maximum heat dissipation, a coaxially mounted 3/4" high frequency Aluminum Tweeter. This system shall have a frequency response of 80Hz - 20kHz  $\pm$ 10 and a nominal dispersion of 100° 70 Volt tap selections as follows 40W, 20W, 10W, 5W plus direct having a nominal impedance of 16 $\Omega$ . Products not having a direct selection on the tap selector will not be accepted. Tap selection shall be done by a rotary switch front mount, located behind the grill and out of sight. The termination connector shall be a removable phoenix.

This system is to be a self contained coaxial speaker system complete with bezel, grill, back box, crossover, 70 Volt transformer and support hardware for drop tile ceilings. This speaker system shall need no assembly.

Construction of this system shall be as follows:

Bezel:	Aluminum
Grill:	Steel
Back Can:	Steel

All to be powder coated, painted white.

Having the following dimensions:

Over all depth shall not exceed 7.8"

Over all diameter shall not exceed 7.9"

The speaker system must have a removable termination cover that can pre-install on site when the wire is pulled in allowing the speakers to be installed at a later date. The loudspeaker system shall be an Enforcer G4 loudspeaker system.

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