



G8

HIGH OUTPUT CEILING SPEAKERS

FEATURES

- ◆ Optional pattern control horn flares for full system design
- ◆ Aluminum mounting dogs
- ◆ Embedded High Frequency
- ◆ AGT cooling



DESCRIPTION

Enforcer G Series Loudspeaker Systems are complete self-contained coaxial, bass-reflex speaker systems.

The G8 offers three optional pattern control horns allowing full system design. The High frequency horn flares simply screw into the 1" compression driver. Flares available are 120°, 60° & 120° X 60° (Asymmetric). These high output packages utilize a unique and effective cooling system called *Air Gap Technology* (AGT). As well as *Embedded High Frequency* (EHF). With AGT the basket containing the motor structure is cast aluminum.

A series of precision holes found in the aluminum cast basket act as heat transfer points that pull heat from the gap, this is an effective way of maintaining top performance even under extreme demands.

With EHF the high output 1" compression driver is built into the motor structure of the eight inch driver minimizing the space taken within the tuned housing as well as utilizing on the on the AGT cooling effect and aliening the two drivers at a single point source.

The G8 offers both of these type of technology in a package consisting of a driver pack having an injected PP & Mica, Cone Woofer and 1" embedded (EHF) Compression Driver, the G-Series also utilizes a built-in 70 Volt transformer that offers a variable tap selection switch and a transformer by-pass (selectable by removing the front grill).

The G8 is enclosed in an all aluminum bezel assembly with fully mounted metal seal back can. The enclosure has removable non-fibreglass damping material inside and white powder coat paint on the outside, comes complete with T-Bar supports. Wiring terminations are enclosed in a rear compartment utilizing a smart connect plug, wire restraint and removable cover plate for ease of installation. 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 G8 speakers are then pushed up into the mounting hole and the four machine screws found under the grill are used to operate the four aluminum tie down dogs, installation is that simple.

Also, capable of free space installations where architecture is opened and flush mounting is not an option the G series speakers are equipped with four hang points. The back can is an attractive powder coat white. Whether installed flush or free hang, one product will promote consistency and ease when ordering and installing.

To make this product even more contractor-friendly, there is an option of ordering the back plate on it's own (G8IP input plate for G8). This is done when you can pre-wire before speakers are required.

Supplying Dealer

G8

HIGH OUTPUT CEILING SPEAKERS



SPECIFICATIONS

System	
Type	G-Series high output speaker system
Drivers	PP & Mica woofer, compression High Freq. driver
Power Taps (70V)	10W, 20W, 40W, 80W, 8Ω direct
Power Taps (100V)	20W, 40W, 80W, 8Ω direct
Power Handling	150 watts RMS
Sensitivity 1W 1M	87dB
Frequency Range	20Hz / 20kHz ±10
Nominal Impedance	8Ω 70 Volt
Nominal Dispersion	120°
Crossover	-----
Connector	Removable Phoenix Type 12 AWG max.
Finish	White powder coat paint

Transducer Construction	
Woofer Size	8" cone 1" voice coil
Surround Material	Rubber
Cone Material	Injected Polypropylene Mica
Voice Coil Material	Insulated Copper
Voice Coil Former	Aluminum
Speaker Basket	Cast Aluminum with (AGT)
High Frequency Driver	1" Voice Coil Compression Driver
H/F Material	Aluminum Diaphragm /Silk Edge
H/F Voice Coil	1" Ferro-fluid cooled
H/F Horn Flare	120° injection molded ABS (shipped as standard)
H/F Horn Flare Options	120°, 60°, 120° x 60° (Asymmetric)

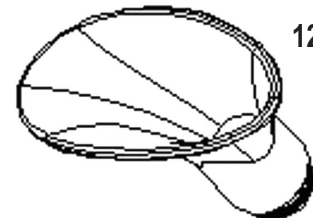
Enclosure Construction	
Baffle Material	Fine mesh steel grill with removable cloth insert powder coat painted white
Bezel & Tie Down Dogs	Aluminum
Back Can	Steel powder coat paint
Cut-out Dimension	12¼"
Complete Depth	10¾"

Shipping	
Weight	45 lbs.
Carton Size	-----
Shipped	In pairs with T-bar supports
Drywall Rough In	EDRG8 optional rough plate 16" centers
Free Space Hang Kit	GS2 Optional fly cable for free space installations
Speed Saw	HA4568 Optional circle cutter cuts perfect holes
Input Plate	G8IP Optional additional input plates, per-install to conduit, making install fast and simple
Horn Patterns Optional	*G6HF90, G8HF60 and G8HF9030 *ships with G8
Package Dimensions	33.49"L x 14.17"W x 16.93"H



60°

G8HF60



120° x 60°

G8HF9030

Support Hardware	
T-Bar & Split Ring	Included with each pair
Mounting	G2 hanging kit (optional)
Input Plate	G8IP - Input cover plate (included), additional input plates (sold separately), pre-installed to conduit, making installation fast and simple



T-Bar



Split Ring



Drywall Rough
in EDRG8



Speed Saw
HA4568



Input Plate
G8IP

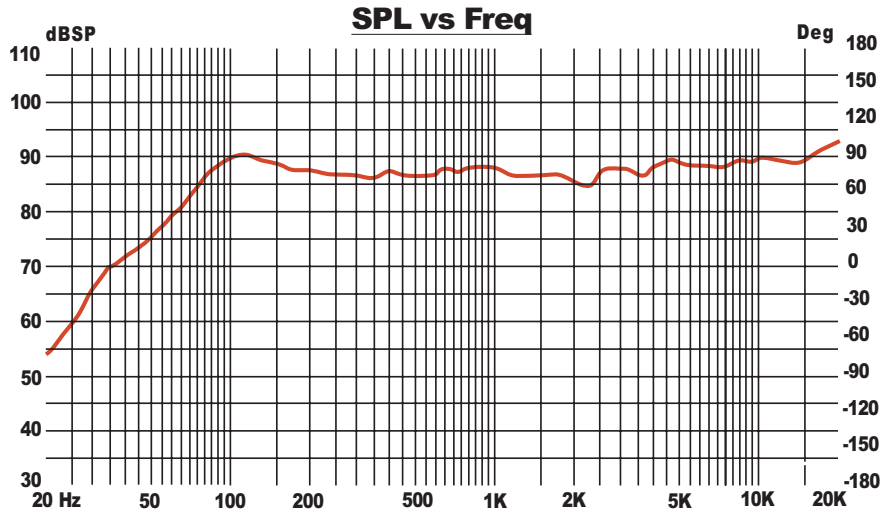
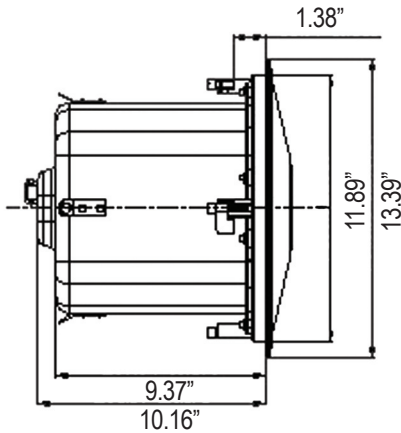


Free Hang
System GS2

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

High Output Ceiling Speakers G8 12/05



ARCHITECTS SPECIFICATIONS

The Loudspeaker shall be of an in-ceiling flush mount design. Consisting of an 8" low frequency driver utilizing AGT for cooling of voice coil and maximum heat dissipation, an EHF mounted 1" high frequency compression driver having an Aluminum diaphragm with a silk edge. This system will have a frequency response of 30Hz - 20kHz ± 10 and a nominal dispersion of 120° and having optional high frequency pattern controlled horn flares that are field replaceable having the following options for dispersion: 60° G8HF60, 120° x 60° G8HF12060.

The 70 Volt tap selections are as follows 80W, 40W, 20W and 10W plus direct having a nominal impedance of 8Ω. Products not having a direct selection on the tap selector will not be accepted. Tap selection shall be done by a rotary switch front mounted, 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 white.

Having the following dimensions:

- Over all depth shall not exceed 10⁷/₈"
- Over all diameter shall not exceed 13¹/₂"

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 G8 speaker system.