

CVCACH

voice paging horn loudspeaker technical data sheet



key features:

- injected ABS and metal construction
- weather resistant
- easy mount with adjustable angle
- horn flare rotates to change pattern control
- 25 volt, 70 volt as well as 8 Ω operation

key applications:

- voice paging
- one-way and two-way telephone paging

description:

The Convex CVCACH reentrant horn is ideal for indoor and outdoor voice paging systems. The horn is easy to install on its two-piece metal mount. A great feature of this paging horn is its rotating horn flare, which makes pattern control as simple as a twist of the flare. This horn can be used in 25V, 70V and direct 8 Ω operation.

support hardware:

- CVHC folding protective wire cage

specifications: CVCACH

Driver type	Reentrant
Voice coil material	Copper
Sensitivity (CVH30M)	108dB @ 1 watt 1 meter \pm 3db
Max power	60W
Nominal dispersion	120° x 95° rotatable
Frequency range	420Hz / 8.5kHz \pm 10db
Nominal impedance	7.2 Ω at 450Hz
Tap settings	8 Ω , 25V and 70V 25V (2, 4, 8 and 16 watt) 70V (2, 4, 8, 16 and 32 watt)
Termination type	Screw terminal
Max wire gauge	18 AWG
Finish	Injected ABS, sandstorm finish

physical dimensions:

Horn flare diameter
Overall depth

Convex customer service: 1-800-461-0006
www.convexav.com

Convex audio/video equipment distributed by:
Martech - driving strategic sales
11565 - 149 Street
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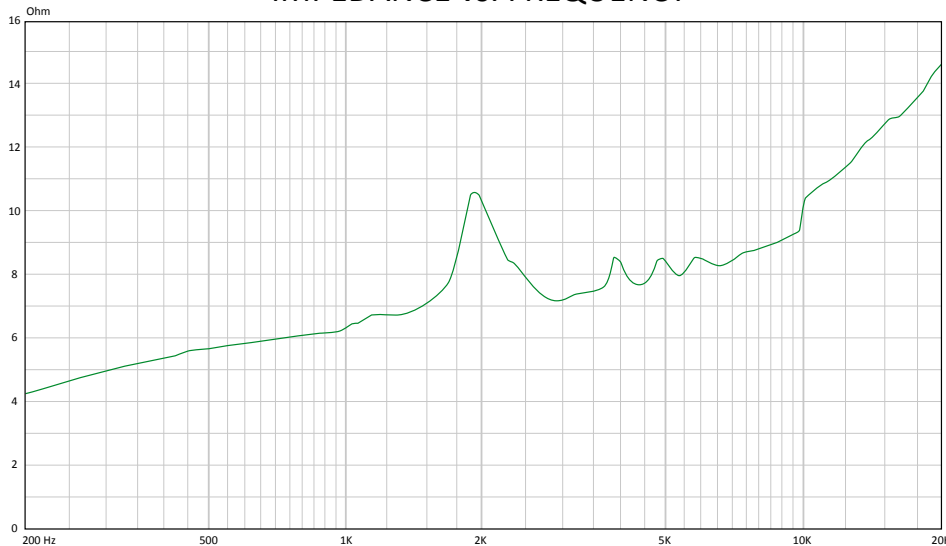
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IMPEDANCE vs. FREQUENCY



architect's specification:

Reentrant horns shall be Convex CVCACH having mutable operation formats including 25V, 70V and direct 8 Ω . Operation mode shall be selectable by means of a covered side-mounted selector switch having settings for 2W, 4W, 8W and 16W at 25V and 2W, 4W, 8W, 16W and 32W at 70V.

Having a frequency response of 450Hz to 8.5kHz \pm 10 dB and a flexible pattern control flare making it possible to change the vertical and horizontal angles by means of rotating the horn flare. Dispersion pattern shall be 120° x 95°. Speaker sensitivity shall not be less than 120dB @ 32W 70V \pm 3 db.

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