

CV810T10R

8" 10 oz full range cone driver /
10W transformer / round baffle



key features:

speaker/transformer/baffle assembly ready for installation
10W multi-tap 25/70 volt line matching transformer
includes standard four-stud baffle grille
ridged "polycoat"® cone for enhanced frequency response

key applications:

retrofit projects
background music and paging for retail space or office
school and hospitality environments
healthcare or institutional communications

specifications: CV810T10R

Voice coil size	1" (25mm), 10 oz magnet
Voice coil material	copper
Voice coil insulation	polyester
Voice coil former	paper
Driver type	full range driver
Cone material	polycoat® treated paper
Sensitivity @ 8Ω	96dB @ 1 watt, 1 meter
Max power	20W at 8Ω
Nominal impedance	25V 0.62, 1.25, 2.5, 5, 10W 70V 0.62, 1.25, 2.5, 5W, 10W
Frequency range	60Hz / 15kHz ± 3dB
Speaker basket	stamped steel
Termination type	color coded tined leads

description:

The CV810T10R is a complete ceiling speaker assembly that consists of a Convex CV810 8" full range driver consisting of a 1" copper voice coil, a CVT10 10 watt 25/70 volt multi-tap transformer and a CVB8R round metal baffle. The CV810T10R produces a smooth response that is perfect for paging and background music systems. This speaker is manufactured of a polycoated driver that will provide years of trouble free service, even in harsh environments. Assembled in Canada.

physical dimensions:

Dimensions	8" (203 mm) diameter 3.875" (98 mm) deep
Minimum cutout	7.25" (184 mm)

support hardware:

CVTS tile supports
CVBB8RF flush mount back box
CVBB8RFW white surface mount back box

Convex audio/video equipment distributed by:
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architect's specifications:

The 8" loudspeakers shall be Convex model CV810T10R. These speaker/transformer/baffle assemblies will include a 10W multi-tap transformer mounted with machine screws and terminated to speaker using removable spade lugs. They shall have a frequency response of 60Hz to 15kHz \pm 3dB utilizing a 1" voice coil. The 25/70V transformer will have the following tap settings marked by color codes:

25V 0.62W, 1.25W, 2.5W, 5W, 10W

70V 0.62W, 1.25W, 2.5W, 5W, 10W with an insertion loss of less than 2dB.

The baffle shall be a round metal baffle with four holes for mounting the assembly to a back box. Baffles with 8 holes are not acceptable.

Convex customer service: 1-800-461-0006
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