

# CV810T5R

8" 10 oz full range cone driver /  
5W transformer / round baffle



## key features:

speaker/transformer/baffle assembly ready for installation  
5W multi-tap 25/70 volt line matching transformer  
includes standard four-stud baffle grille  
ridged "polycoat"® cone for enhanced frequency response

## key applications:

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

## specifications: CV810T5R

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
Power taps	25V 0.31, 0.62, 1.25, 2.5, 5W 70V 0.16, 0.31, 0.62, 1.25, 2.5, 5W
Frequency range	60Hz / 15kHz ± 3db
Speaker basket	stamped steel
Termination type	color coded tined leads

## description:

The CV810T5R is a complete ceiling speaker assembly that consists of a Convex CV810 8" full range driver consisting of a 1" copper voice coil, a CVT5 5 watt 25/70 volt multi-tap transformer and a CVB8R round metal baffle. The CV810T5R 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 CV810T5R. These speaker/transformer/baffle assemblies will include a 5W 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 0.31W, 0.62W, 1.25W, 2.5W, 5W

70V 0.16W, 0.31W 0.62W, 1.25W, 2.5W, 5W with an insertion loss of less than 2dB. The baffle shall be a square metal baffle with four holes for mounting the assembly to a back box. Baffles with 8 holes are not acceptable.

CV810T5R speaker assembly shall mount to a CVBB8RF flush mount or CVB-B8RFW surface mount back boxes.

Convex customer service: 1-800-461-0006  
[www.convexav.com](http://www.convexav.com)

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