

# CV810T5

8" 10 oz full range cone driver with  
5 watt multi-tap transformer



## specifications: CV810T5

Voice coil size	1" (25mm), 10 oz magnet
Voice coil material	copper coil, polyester insulation, paper former
Driver type	full range driver
Cone material	polycoat® treated paper
Sensitivity	96dB @ 1 watt, 1 meter
Max power	5W
Nominal impedance	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

## physical dimensions:

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

## key features:

speaker/transformer assembly ready to  
mont on baffle  
5W multi-tap 25/70 volt line matching  
transformer  
fits standard four-stud baffle grilles  
ridged "polycoat"® cone for enhanced fre-  
quency response

## key applications:

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

## description:

The CV810T5 is an 8" full range driver consisting of a 1" copper voice coil with CVT5 5 watt 25/70 volt transformer. The CV810T5 produces a smooth response that is perfect for paging and background music systems. This speaker is manufactured of a polycoat-ed driver that will provide years of trouble free service, even in harsh environments. Assembled in Canada.

## support hardware:

CVB8R round metal baffle  
CVB8R square metal baffle  
CVBB8RF round flush mount back box  
CVBB8RFW white surface mount back box  
CVBB8SF square flush mount back box  
CVBB8SS square surface mount back box  
CVTS tile supports

Convex audio/video equipment distributed by:  
Martech - driving strategic sales  
11565 - 149 Street  
Edmonton, Alberta, Canada  
T5M 1W9

phone: 780-454-2006  
www.drivingstrategicsales.com



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## architect's specifications:

The 8" loudspeakers shall be Convex model CV810T5. These speaker/transformer 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 speakers shall have four mounting holes that will accommodate standard four hole metal baffles.

Convex customer service: 1-800-461-0006  
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