



# 8124 & 8128

4" (100 mm) & 8" (200 mm)  
Full-Range, In-Ceiling  
Loudspeakers

## Professional Series

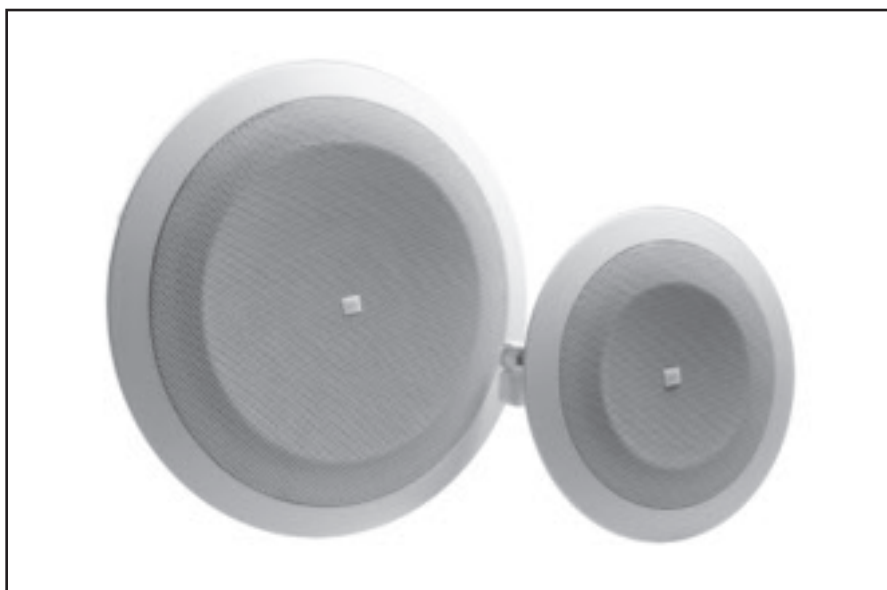
### Key Features:

- ▶ Clear, High-Fidelity Performance
- ▶ 6W Transformer for use on 70V / 100V Distributed Lines
- ▶ Dog-Ears for Easy Blind Mount Installations
- ▶ High Sensitivity for Maximum Power Efficiency
- ▶ Open-back design for applications not requiring an in-ceiling backcan.

### Overview:

High-fidelity performance at a cost-effective price point, the 8100 Series is an easy to install loudspeaker solution for a wide variety of commercial sound applications. With two models in the line, the 8124, a 4-inch (100 mm) full-range loudspeaker and the 8128, an 8-inch (200 mm) full-range loudspeaker, the 8100 Series feature high sensitivity drivers that deliver maximum sound levels using minimal amplifier power.

With its contemporary grill design, the 8100 Series loudspeakers are ideal for a variety of settings ranging from restaurant and retail settings to professional offices and reception / waiting areas. Because of the very light weight of 8124 and 8128, tile rails may not be required for some in-ceiling applications. They are not packaged with these models, however MTC-RAIL tile rail sets and C-Rings are available separately. Featuring 70V/100V taps and open-back design, the 8100 series brings elegance and performance to basic commercial sound systems, or any application not requiring a backcan for installation.



### Specifications (8124):

Component:	100 mm (4 in) Full-Range																		
Frequency Range (-10 dB):	60 Hz – 18 kHz																		
Coverage:	130° conical																		
Sensitivity (2.83V@ 1m):	93 dB (1 kHz - 8 kHz)																		
Termination:	Bare Wire																		
Nominal Driver Impedance:	8 ohms																		
Driver Power Capacity:	20 W																		
70V/100V Transformer Taps:	6 W, 3 W, 1.5 W, (0.75 W at 70 V only)																		
Dimensions (Diameter x Depth):	206 mm (8.1 in) diameter round baffle x 89 mm (3.75 in) depth from back of baffle																		
Cutout Dimension:	175 mm diameter (6.9 in)																		
Net Weight:	1.2 kg (2.5 lb)																		
Included Accessories:	Sculpted Grille																		
Optional Accessories:	MTC-8124C C-ring MTC-RAIL tile rails																		
Plenum Usage:	Not intended for use in return air plenums																		
Transformer Tap Color Codes:	<table><tr><td>70V</td><td>.75W</td><td>1.5W</td><td>3W</td><td>6W</td><td>Com</td></tr><tr><td>100V</td><td>1.5W</td><td>3W</td><td>6W</td><td>N/C</td><td>Com</td></tr><tr><td></td><td>WHITE</td><td>BLUE</td><td>BROWN</td><td>ORANGE</td><td>BLACK</td></tr></table>	70V	.75W	1.5W	3W	6W	Com	100V	1.5W	3W	6W	N/C	Com		WHITE	BLUE	BROWN	ORANGE	BLACK
70V	.75W	1.5W	3W	6W	Com														
100V	1.5W	3W	6W	N/C	Com														
	WHITE	BLUE	BROWN	ORANGE	BLACK														

### Specifications (8128):

Component:	200 mm (8 in) Full-Range																		
Frequency Range (-10 dB):	50 Hz – 16 kHz																		
Coverage:	90° conical																		
Sensitivity (2.83V@ 1m):	97 dB (1 kHz - 8 kHz)																		
Termination:	Bare Wire																		
Nominal Driver Impedance:	8 ohms																		
Driver Power Capacity:	25 W																		
70V/100V Transformer Taps:	6 W, 3 W, 1.5 W, (0.75 W at 70 V only)																		
Dimensions (Diameter x Depth):	287 mm (11.3 in) diameter round baffle x 104 mm (4.1 in) depth from back of baffle																		
Cutout Dimension:	206 mm diameter (10.1 in)																		
Net Weight:	1.4 kg (3.0 lb)																		
Included Accessories:	Sculpted Grille																		
Optional Accessories:	MTC-8128C C-ring MTC-RAIL tile rails																		
Plenum Usage:	Not intended for use in return air plenums																		
Transformer Tap Color Codes:	<table><tr><td>70V</td><td>.75W</td><td>1.5W</td><td>3W</td><td>6W</td><td>Com</td></tr><tr><td>100V</td><td>1.5W</td><td>3W</td><td>6W</td><td>N/C</td><td>Com</td></tr><tr><td></td><td>WHITE</td><td>BLUE</td><td>BROWN</td><td>ORANGE</td><td>BLACK</td></tr></table>	70V	.75W	1.5W	3W	6W	Com	100V	1.5W	3W	6W	N/C	Com		WHITE	BLUE	BROWN	ORANGE	BLACK
70V	.75W	1.5W	3W	6W	Com														
100V	1.5W	3W	6W	N/C	Com														
	WHITE	BLUE	BROWN	ORANGE	BLACK														



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