



8124 & 8128

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

Professional Series

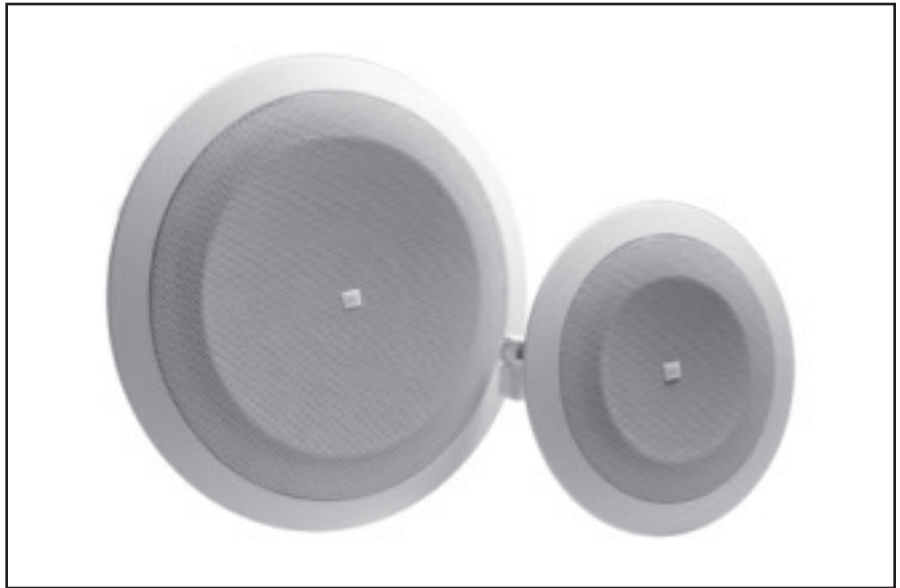
Key Features:

- ▶ 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 border="1"> <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: | 260 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 | | | | | | | | | | | | | | | | | | |
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| 100V | 1.5W | 3W | 6W | N/C | Com | | | | | | | | | | | | | | |
| | WHITE | BLUE | BROWN | ORANGE | BLACK | | | | | | | | | | | | | | |



JBL Professional
8500 Balboa Boulevard, P.O. Box 2200
Northridge, California 91329 U.S.A.

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