



## 8" COAXIAL CEILING SPEAKER PAIR

Model: ME820C



**Description:** Fill your home with rich, audiophile-quality sound from Dayton Audio's Micro-Edge™ Series coaxial ceiling speakers, while offering a modern, stealth look for today's contemporary décor.

Tough woven Kevlar® cone woofers were selected for their inherent transient response quickness and ability to convey a warm response in the critical midrange, while delivering a bass punch that is missing from most ceiling speakers.

1" silk dome tweeters provide pristine clarity for the top end of the frequency response spectrum. Additionally, ME620C ceiling speakers may be used as rear and/or side channel speakers in surround sound applications.

All Dayton Audio Micro-Edge Series speakers are timbre matched to provide the best possible home theater experience.

### Features:

- Contemporary Micro-Edge design
- Long-throw woven Kevlar woofers with rubber surround
- Coaxially mounted 1" silk dome tweeter
- 12 dB/octave optimized crossover
- All Dayton Audio Micro-Edge Series speakers are timbre matched to provide the best home theater experience



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## Technical Specifications:

| Model                     | ME820C              |
|---------------------------|---------------------|
| Woofers                   | 8" Kevlar cone      |
| Tweeter                   | 1" silk             |
| Frequency response        | 30-20,000 Hz        |
| Cut-out size              | 10" dia.            |
| Power handling (RMS/Peak) | 45W/90W             |
| Impedance                 | 8 ohms              |
| SPL (1W/1m)               | 89 ±3 dB            |
| Xover point               | 3,000 Hz            |
| Xover slope               | 12 dB/octave        |
| Tweeter attenuation (dB)  | N/A                 |
| Weight                    | 13.3 lbs.           |
| Dimensions                | 11" dia. x 3.875" D |

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## Architect & Engineer Specifications:

The loudspeaker shall be a Dayton Audio ME820C (8 ohm impedance) with a power handling capacity of 45 watts RMS. The coaxial loudspeaker shall consist of one 8" long-throw woven Kevlar woofer and one 1" silk tweeter with a 12 dB/octave crossover network to split the frequencies between transducers. The loudspeaker shall feature a removable white grill with magnetic retention.

The loudspeakers shall have the Micro-Edge low profile grill design with magnetic grill retention for ceiling installed applications.

The low frequency transducer shall use a long-throw woven Kevlar woofer with a rubber surround.

The high frequency transducer shall be a 1" silk dome tweeter.

The package shall include a pair of Dayton Audio Micro-Edge In-Wall Speakers with grills and one speaker installation template. The tweeter shall have pivoting tweeters to direct sound to the listener.

The loudspeaker shall have a frequency response of 30-20,000 Hz and a maximum SPL (1W/1m) of 89 dB ±3 dB. The loudspeaker crossover point shall be 3,000 Hz with a 12 dB/octave slope.

The loudspeaker shall have dimensions of 11" dia. x 3.875" D. The loudspeaker shall require a 10" diameter cutout.



[daytonaudio.com](http://daytonaudio.com)  
tel + 937.743.8248  
[info@daytonaudio.com](mailto:info@daytonaudio.com)

705 Pleasant Valley Dr.  
Springboro, OH 45066  
USA

