



CCX12 Subcardioid Coaxial Loudspeakers

The Fulcrum Acoustic CCX12 loudspeaker achieves unprecedented LF/HF control for a product of its size. Following are features that differentiate CCX12 speakers from conventional speakers and provide unique benefits for end users:

FEATURES

Fulcrum's patent-pending Passive Cardioid Technology™ which adds a LF subcardioid pattern to the popular CX12 loudspeaker

Coaxial driver with a single neodymium magnet structure shared by the woofer and compression driver

Non-equalizing passive crossover

Large 3" compression driver diaphragm with overlapped HF and LF output

Incorporates Fulcrum's exclusive Temporal Equalization (TQ™)

Service and Support

Manufactured and supported from our Massachusetts-based facility

BENEFITS

Reduces rear radiation mechanically within the enclosure without the need for additional drivers, amplifiers or signal processing channels

- Considerably lighter and more compact than speakers with offset drivers
- Close proximity of the compression driver diaphragm to the woofer voice coil, resulting in inherent LF/HF alignment
- Consistent off-axis performance

- Simple topology results in higher reliability
- Provides the sonic performance of a bi-amplified system using only a single amplifier channel

- Very high output
- Smooth beamwidth response through crossover

- Delivers exceptional clarity and precise transient response, even at high SPLs, without requiring proprietary DSP hardware
- Eliminates tonal colorations that don't respond to conventional EQ

Helps ensure timely order fulfillment and technical assistance

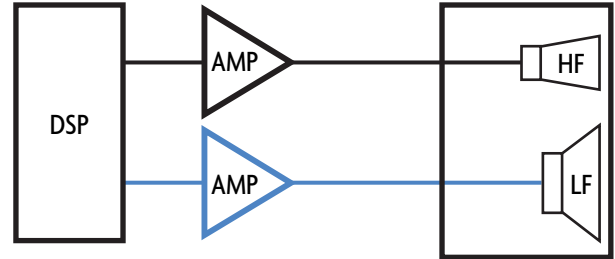
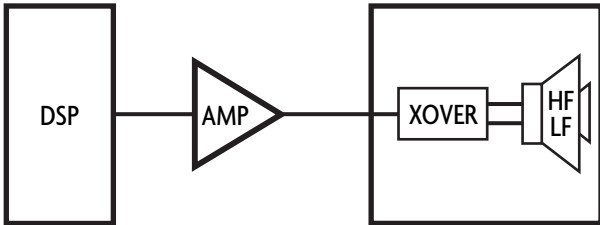


CCX12 Performance Benefits

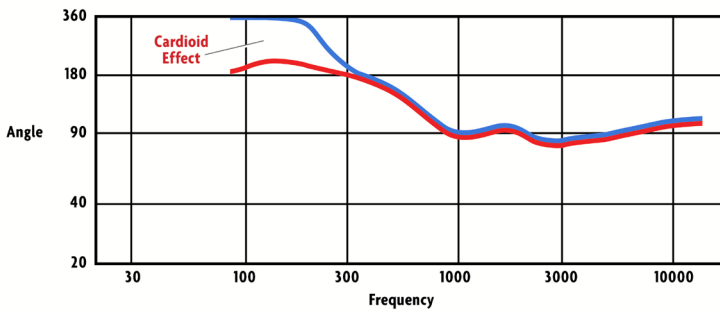
CCX single-amplified, 2-way coaxial loudspeakers

Conventional bi-amplified, 2-way loudspeaker

Single-Loudspeaker Installation

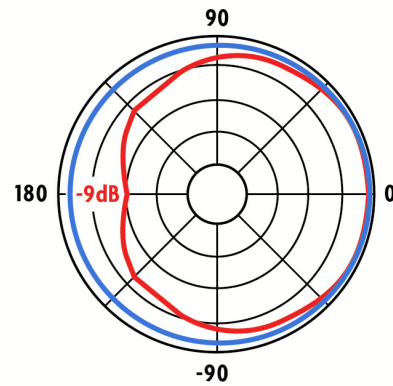


Beamwidth (Horizontal)



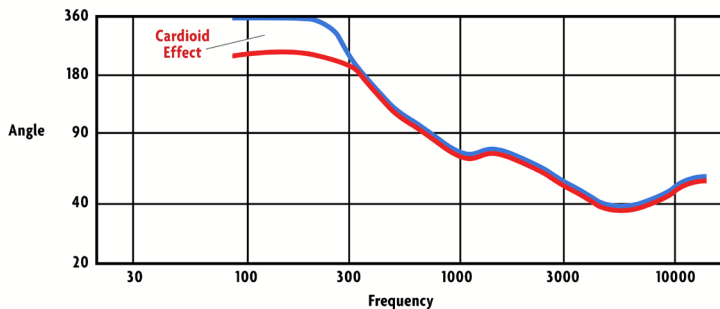
CCX12 vs. CX12

Horizontal Polar Response (200 Hz, 30 dB Scale, 6 dB per Major Division)



CCX12 vs. CX12

Beamwidth (Vertical)



CCX12 vs. CX12