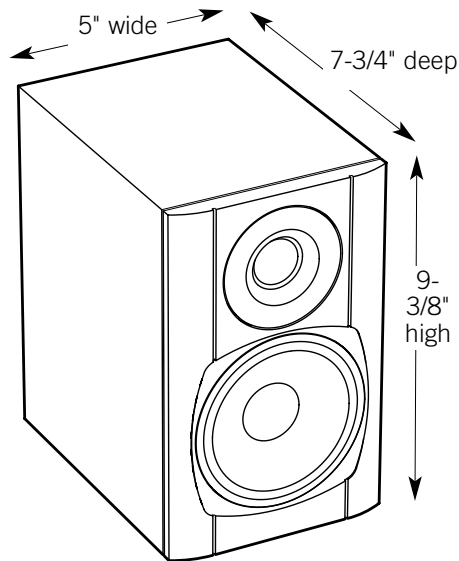


Dimensions



Predictive Placement

SPL

How loud will one speaker play, in dB, with given amplifier power.

Amp Power	Distance from speaker			
	3'	6'	12'	24'
50 watts	97dB	92dB	89dB	86dB
100 watts	100dB	95dB	92dB	89dB

Coverage

How wide is the height and width of the coverage pattern, assuming -3dB from reference, as distance increases.

	Distance from speaker			
	3'	6'	12'	24'
Vertically				
Up from tweeter (25°)	1.5'	3.5'	7'	14'
Down from tweeter (30°)	1.5'	2.5'	5'	10'
Horizontally				
Across (55°)	3'	6'	12'	24'

Performance

Placement

For bookshelves, stands, wall mounting. Vertical or horizontal orientation.

Maximum Output

102dB each, with 100 watts of amplification

Directed Dispersion

5° down from tweeter

Room Size

Full Range: Up to 1,500 ft³

Bandwidth Limited: Up to 2,500 ft³

Close-Miked Near-Field Response (±3dB)

58-20,000 Hz

6dB Downpoint

52 Hz

Nominal Coverage Angle (-6dB from Reference Axis)

55° H, 60° V

Sensitivity [1 watt (2.83v) at 1m]

83dB

Nominal Impedance

8 ohms

Tweeter

1-inch Morel soft dome.

Bass Unit

4" long-throw bass unit with aluminum cone, butyl surround.

Connections

Gold-plated terminals.

Cabinet Construction

Corian baffle. Hardwood veneer on 3/4" MDF. 3/4" MDF bracing.

Optional Grilles

Soft Focus fabric grille.

Custom-cut metal grille. Add 1/2" to depth for grilles.

Optional Bracket

Fully articulating wall-mount bracket.

Weight

8 lbs each

Available Finishes

Standard Finish

Black paint on Ash veneer

Finish Option

White paint, cherry, maple veneer.

Custom Finish

Custom matched veneers, White or Black lacquer.

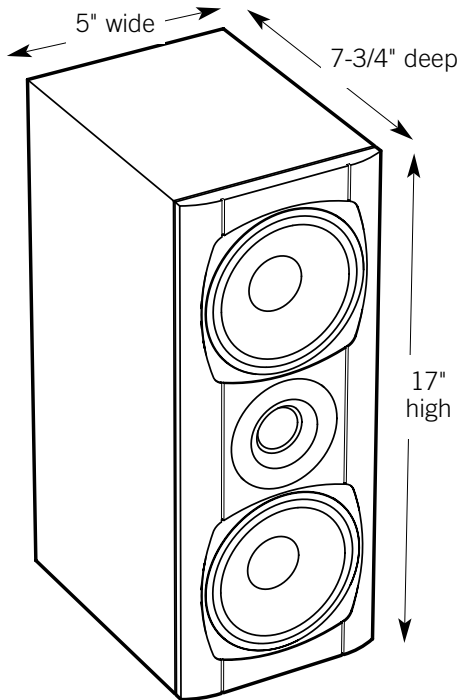
When Used In Theaters.

We designed the TCX40 for bandwidth-limited use in small theaters (<1,500 ft³). Use two TCX40's left and right, and the TCX42 for the center channel.

When Used For Distributed Audio.

For best performance, use at least a 50w amplifier for the TCX40's. These speakers have a significant amount of bass for their cabinet size, and perform best with higher current amplifiers.

Dimensions



Predictive Placement

SPL

How loud will one speaker play, in dB, with given amplifier power.

Amp Power	Distance from speaker			
	3'	6'	12'	24'
50 watts	97dB	92dB	89dB	86dB
100 watts	100dB	95dB	92dB	89dB

Coverage

How wide is the height and width of the coverage pattern, assuming -3dB from reference, as distance increases.

	Distance from speaker			
	3'	6'	12'	24'
Vertically				
Up from tweeter (25°)	1.5'	3.5'	7'	14'
Down from tweeter (30°)	1.5'	2.5'	5'	10'
Horizontally				
Across (55°)	3'	6'	12'	24'

Performance

Placement

For bookshelves, stands, wall mounting. Vertical or horizontal orientation.

Maximum Output

104dB each, with 100 watts of amplification

Directed Dispersion

On tweeter

Room Size

Full Range: Up to 1,500 ft³

Bandwidth Limited: Up to 2,500 ft³

Close-Miked Near-Field Response (±3dB)

58-20,000 Hz

6dB Downpoint

52 Hz

Nominal Coverage Angle (-6dB from Reference Axis)

When placed horizontally: 60° H, 40° V

When placed vertically: 40° H, 60° V

Sensitivity [1 watt (2.83v) at 1m]

83dB

Nominal Impedance

8 ohms

Tweeter

1-inch Morel soft dome.

Bass Unit

Dual 4" long-throw bass units with aluminum cones, butyl surrounds.

Connections

Gold-plated terminals.

Cabinet Construction

Corian baffle. Hardwood veneer on 3/4" MDF. 3/4" MDF bracing.

Optional Grilles

Soft Focus fabric grille.

Custom-cut metal grille. Add 1/2" to depth for grilles.

Optional Bracket

Fully articulating wall-mount bracket.

Weight

13 lbs each

Available Finishes

Standard Finish

Black paint on Ash veneer

Finish Option

White painted MDF, cherry, maple veneer.

Custom Finish

Custom matched veneers, White or Black lacquer.

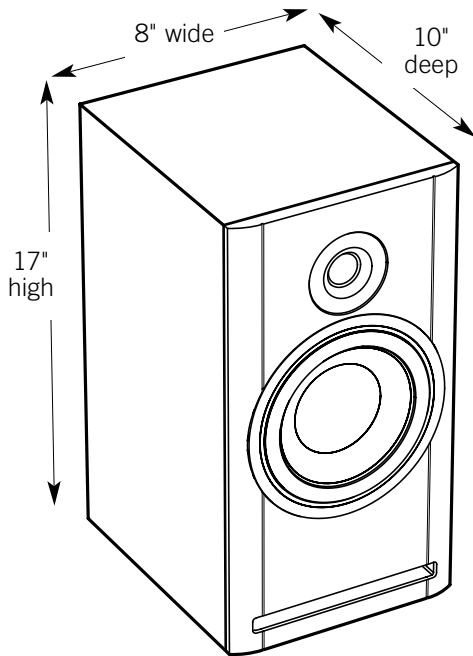
When Used In Theaters.

We designed the TCX42 for bandwidth-limited use in small theaters (<1,500 ft³). Use two TCX40's left and right, and the TCX42 for the center channel.

When Used For Distributed Audio.

For best performance, use at least a 50w amplifier for the TCX42's. These speakers have a significant amount of bass for their cabinet size, and perform best with higher current amplifiers.

Dimensions



Predictive Placement

SPL

How loud will one speaker play, in dB, with given amplifier power.

Amp Power	Distance from speaker			
	3'	6'	12'	24'
50 watts	101dB	96dB	93dB	89dB
100 watts	104dB	99dB	96dB	92dB
150 watts	106dB	101dB	98dB	94dB

Coverage

How wide is the height and width of the coverage pattern, assuming -3dB from reference, as distance increases.

	Distance from speaker			
	3'	6'	12'	24'
Vertically				
Up from tweeter (25°)	1.5'	3'	6'	12'
Down from tweeter (30°)	1.5'	3.5'	7'	14'
Horizontally				
Across (60°)	3.5'	7'	14'	28'

Performance

Placement

For bookshelves, stands, wall mounting. Vertical or horizontal orientation.

Maximum Output

112dB each, with 150 watts of amplification

Directed Dispersion

5° down from tweeter

Room Size: Up to 3,500 ft³

Close-Miked Near-Field Response (± 3 dB)
36-20,000 Hz

6dB Downpoint

32 Hz

Nominal Coverage Angle (-6dB from Reference Axis)

60° H, 55° V

Sensitivity [1 watt (2.83v) at 1m]

84dB

Nominal Impedance

8 ohms

Tweeter

1-inch ScanSpeak fabric dome.

Bass Unit

6-1/2" Seas with polymer cone, butyl surround, shorting cylinder.

Connections

Gold-plated terminals.

Cabinet Construction

Corian baffle. Hardwood veneer on 1" MDF. 1" MDF bracing.

Optional Grilles

Soft Focus fabric grille.
Custom-cut metal grille. Add 1/2" to depth for grilles.

Optional Bracket

Fully articulating wall-mount bracket.

Weight

30 lbs each

Available Finishes

Standard Finish

Black paint on Ash veneer, white painted MDF

Finish Option

Cherry, maple veneer.

Custom Finish

Custom matched veneers, White or Black lacquer.

When Used In Theaters.

We designed the TC60 for full-range use in mid-sized theaters (<3,000 ft³).

When Used For Distributed Audio.

For best performance, use at least a 50w amplifier for the TC60's. These speakers have a significant amount of bass for their cabinet size, and perform best with higher current amplifiers.