

# My Home Theater

Design specifications for your ultimate home theater experience



## Highlights

Immersive Level™

Extreme

Speaker Channels

9.1.4

Screen

117" front projection with a 16:9 aspect ratio

## Dimensions

Height  
8' 0"



Depth  
15' 0"

Width  
11' 0"

## Audio Advice

February 21, 2023

### Seating

#### Seating Positions

Number of Rows: 1  
 Primary Seat: Middle seat of the main row  
 Main Row: 1  
 Seats Per Row: 2

#### Seating & Riser Measurements

Screen to front of first seating row: 9' 7.89"

### Video

#### Screen Type

Front projection

#### Screen Diagonal

117.00"

#### Aspect Ratio

16:9

#### Screen Placement

Centered to the primary seat **with the bottom of the screen frame 30.00" from the floor.**

#### Required Wall Space

Screen Display Area: 101.97" x 57.29" with 3.00" thick border  
 Total Required Wall Space: 107.97" x 63.29"

#### Projector Placement

Chosen distance to projector: 12' 2.73"  
 Projector position range: 12' 2.73" - 18' 3.34"  
 Your chosen position has the lens 146.73" from the screen. We recommend placing your pole 156.02" from the screen.

#### Distance from Ceiling to Projector

4.77" using 1.27" long extension pole & standard 3.50" mounting kit

### Audio 9.1.4

#### Left & Right Front Speaker

Placed on either side of the screen 9' 1.96" apart center-to-center **F-605FA**

#### Center Speaker

Centered to the screen **RC-64 III**

#### Main Surround Speakers

10' 6.00" from the screen's wall at 4' 2.00" from the floor to the tweeter **RP-600M II**

#### Front Wide Surround Speakers

5' 10.12" from the screen's wall at 3' 2.50" from the floor to the tweeter **RP-600M II x 2**

#### Rear Surround Speakers

Placed on back wall 6' 0.00" apart at 4' 2.00" from the floor to the tweeter **RP-600M II x 2**

#### Front Atmos Speakers **CDT-5800C II x 2**

Speakers should be located 7' 9.40" into the room from the screen's wall with 5' 4.78" distance between the tweeters of each front atmos speaker

#### Rear Atmos Speakers **CDT-5800C II x 2**

Speakers should be located 13' 10.00" into the room from the screen's wall with 5' 4.78" distance between the tweeters of each front atmos speaker

#### Subwoofers **R-121-SW**

1 subwoofers. [Contact us](#) for specific recommendations on size, location and crossover

#### Acoustic Paneling **Need to factor in brick walls and placement**

41.25 - 82.50 sq feet of acoustic paneling is recommended for your room. [Contact us](#) for options.

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#### Have questions?

Now that you have a good starting point, the Audio Advice experts can help you with the best types of speakers, projector and screen, TV, home theater receiver, subwoofers and everything else. Please know we are here for all of your questions.

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