

A home cinema room with red leather seating and Klipsch speakers. The room features a patterned carpet, wood-paneled walls, and a lamp on the right. The Klipsch logo is prominently displayed in the center.

Klipsch®

HIGH PERFORMANCE HOME CINEMA SYSTEMS

MIKE BURATTO
Sr. Product Manager



THE MAN THE BRAND

PAUL W. KLIPSCH

REPUTATION

22 PATENTS, SCIENCE & ENGINEERING HALL OF FAME

MUSIC LOVER

WANTED TO RECREATE LIVE MUSIC EXPERIENCE

KLIPSCHORN

ORIGINAL DESIGN - 72 YEAR OF CONTINUOUS PRODUCTION

FOUNDED IN 1946

ENGINEERING-DRIVEN

IN-HOUSE SINCE DAY ONE

POWER, DETAIL, EMOTION

EMOTIONAL CONNECTION TO MUSIC AND MOVIES

LEGENDARY AMERICAN COMPANY

OLDEST ACTIVE AMERICAN SPEAKER BRAND - 72 YEARS

ATTITUDE

ROCK & ROLL SENSIBILITY

LOUD & PROUD

LIVE MUSIC EXPERIENCE

EMOTIONAL CONNECTION

BOLD, INDEPENDENT SPIRIT

MARCH TO OUR OWN DRUMMER



BIRTHPLACE OF KLIPSCH AUDIO, INC.

**MANUFACTURING FACILITY
EMPLOYS 70 PEOPLE**

HOME OF OUR MOST PREMIUM PRODUCTS
HERITAGE LINE
PRO CINEMA
KI SERIES
THX BOX PRODUCT
RF-7 / RC-64

**HOPE,
ARKANSAS**



MARKET LEADER

#1 BOX SPEAKER BRAND IN THE USA*

#2 CUSTOM SPEAKER BRAND IN THE USA*

#1 IN TOP-OF-MIND AWARENESS IN PREMIUM AUDIO

25% MARKET SHARE IN HOME AUDIO

92% CUSTOMER SATISFACTION RATE

*November 2019 NPD Data



CINEMA EXPERTS

MARKET LEADER

1 IN 2 U.S. COMMERCIAL CINEMAS

POWERED BY KLIPSCH

1 IN 4 GLOBAL COMMERCIAL CINEMAS

POWERED BY KLIPSCH

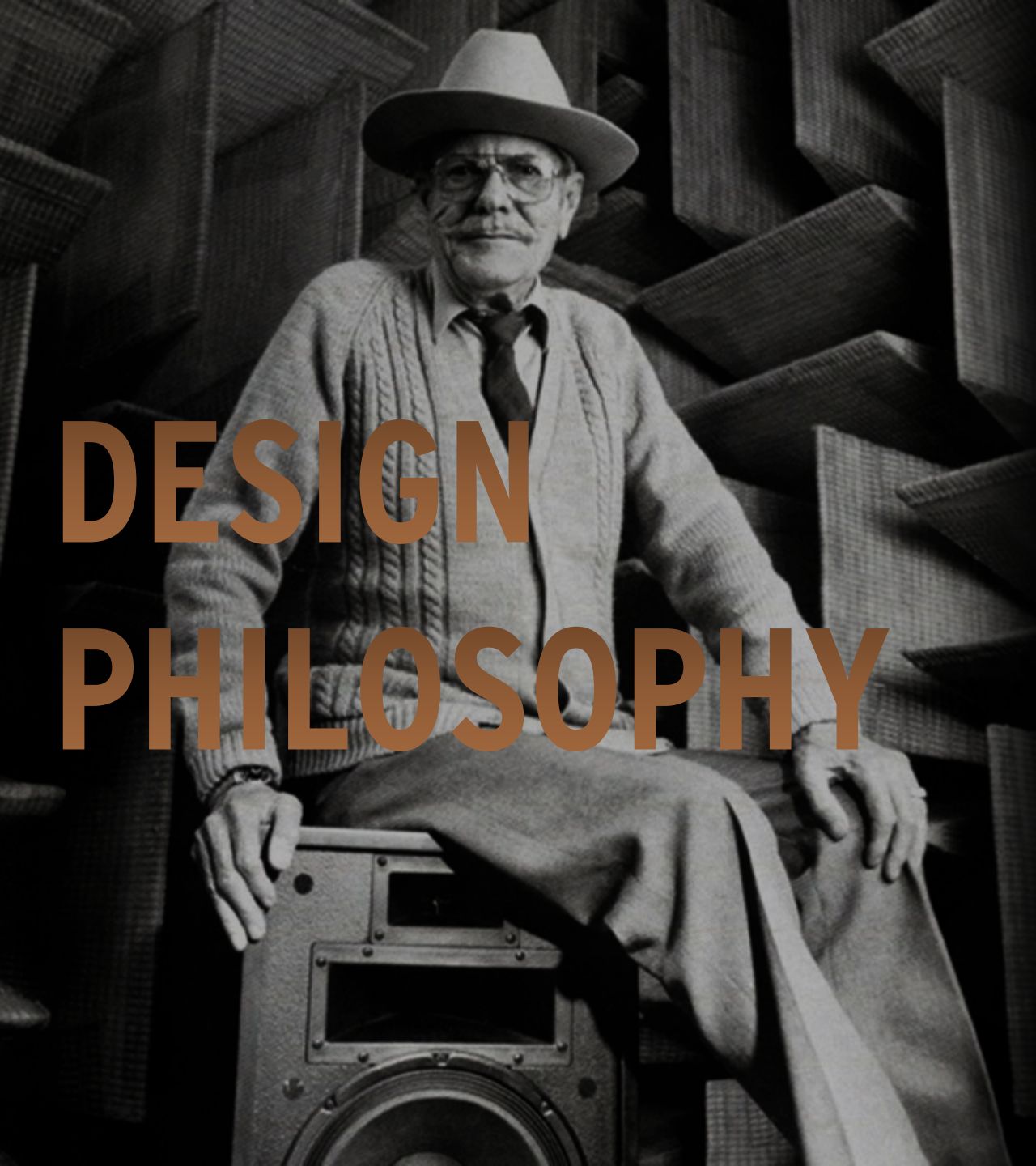
DEVELOPMENT PARTNERS

 DOLBY ATMOS[®]  

SHARED TECHNOLOGIES

DIRECT LINEAGE IN ALL PRODUCTS

BRING THE THEATER HOME



DESIGN PHILOSOPHY

FOUR CORE PRINCIPLES

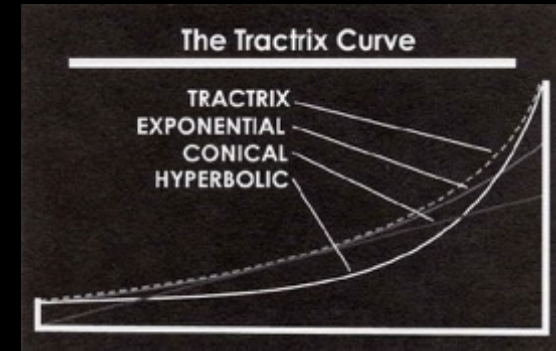
HIGH EFFICIENCY / LOW DISTORTION

WIDE DYNAMIC RANGE

CONTROLLED DIRECTIVITY

FLAT FREQUENCY RESPONSE

HORN LOADED ADVANTAGE



TRACTRIX™ HORNS

PROPRIETARY GEOMETRY
BEST TRANSFER OF WAVES

ADVANTAGE

MORE FOCUSED
MORE DYNAMIC
MORE EFFICIENT/SENSITIVE
LESS DISTORTION

THX CERTIFIED - HIGH PERFORMANCE ENSURED

- THX certification ensures that speakers perform to THX reference SPL level at listening position, with minimal distortion characteristics
- Clean, full, cinematic sound guaranteed

TWO LEVELS OF CERTIFICATION:



ULTRA® CERTIFICATION FOR LARGER ROOMS

- Speakers are certified for use in room 3,000+ cubic ft
- Medium to large residential cinemas as well as boutique commercial cinemas



SELECT® CERTIFICATION FOR MEDIUM ROOMS

- Speakers are certified for use in room 2,000+ cubic ft
- Small to Medium residential cinemas

BOX / IN-ROOM SPEAKERS



THX-6000-LCR

1" Titanium Dome Compression Driver
2 x 6.5" Cerametallic Woofers
90x60 Tractrix Horn



THX-5000-LCR

1" Titanium Dome Compression Driver
2 x 5.25" Cerametallic Woofers
90x60 Tractrix Horn



THX-5000-SUR

2 x 1" Titanium Dome Compression Drivers
2 x 5.25" Cerametallic Woofers
2 x Square Tractrix Horns



THX-1200-SW

12" Front-Firing Cerametallic Woofer
Front-Firing Slot Port
LFE: 20Hz



THX ULTRA CERTIFIED



BUILT IN HOPE. ARKANSAS, USA

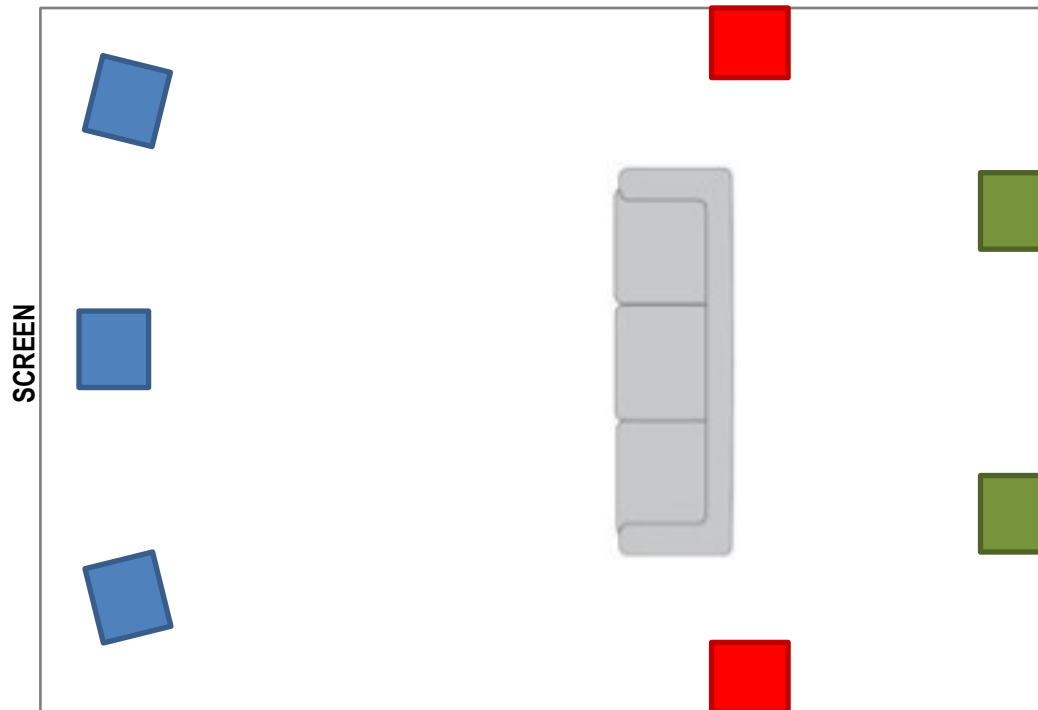


KA-1000-THX

1000W Subwoofer Amplifier (4 Ohm)
Dual Output
Boundary Gain Compensation

Klipsch

SPEAKER POSITIONING IN-ROOM SPEAKERS



OR



THX-6000-LCR

THX-5000-LCR



OR



THX-5000-SUR

THX-5000-LCR



OR



THX-5000-SUR

THX-5000-LCR

ARCHITECTURAL SPEAKERS



**THX-8000-L
IN-WALL LCR**

8" Cerametallic™ Woofer
1" Titanium Compression Driver
90x90 Tractrix Horn



**THX-8000-S
IN-WALL SURROUND**

8" Cerametallic™ Woofer
2 x 1" Titanium Compression Driver
Diffuse Tractrix® Horn Tweeter Array



**THX-5002-L
IN-CEILING LCR**

2 x 5.25" Cerametallic™
Woofers
1" Titanium Compression
Driver
Variable Coverage Technology
(VCT) Tractrix Horn



**THX-5002-S
IN-CEILING SURROUND**

2 x 5.25" Cerametallic™
Woofers
2 x 1" Titanium Compression Driver
Diffuse Tractrix® Horn Tweeter Array

Klipsch



THX ULTRA CERTIFIED

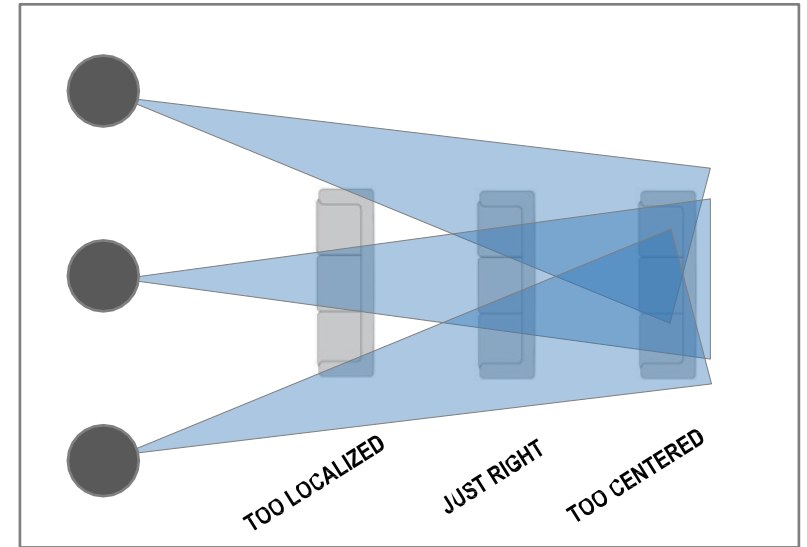
VARIABLE COVERAGE TECHNOLOGY (VCT)



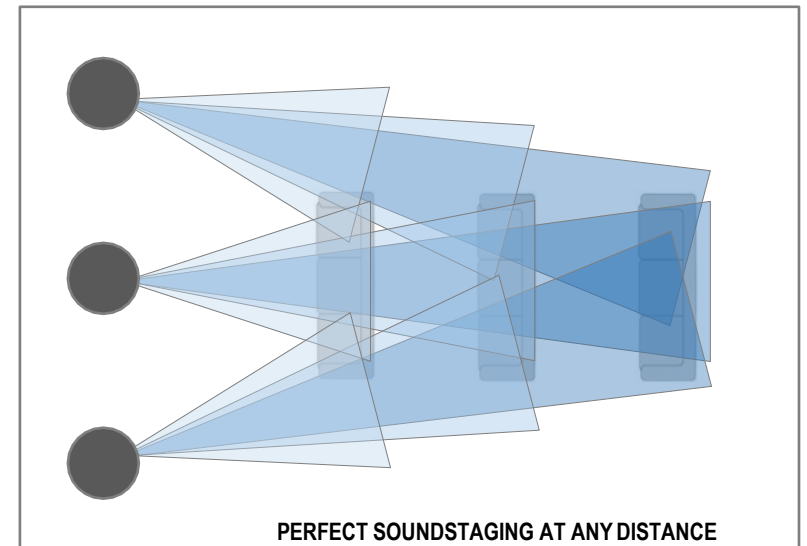
POSITION DEPENDANT DISPERSION

- Increasing dispersion pattern out of the same horn
- Wider pattern at closer seating position, narrower pattern at further position
- Creates the same sound field and stereo/LCR localization at any listening distance
- Available on THX-5002-L

TRADITIONAL IN-CEILING LCR



VARIABLE COVERAGE TECHNOLOGY



DIFFUSE TRACTRIX® HORN ARRAY

SURROUND MODELS ONLY

- THX-8000-S
- THX-5002-S

DUAL TWEETER ARRAY

- Dual 1" horn loaded tweeters positioned 90° off axis
- Extra wide dispersion of high frequency surround effects
- Maintains power and detail of a horn loaded speaker

TRUE-TO-LIFE SURROUND EFFECTS

- Ultra-wide pattern creates a much more atmospheric, environmental surround dispersion
- More realistic, true-to-life surround experience.



Klipsch®

ABS ENCLOSURES

SOUND ISOLATION

- Reduces sound transmission into adjoining rooms
- Listen at higher levels without disturbing family members or neighbors

PREDICTABLE PERFORMANCE

- Controlled airspace allows for more accurate sound true to the acoustic engineers' design



PORTED ENCLOSURES

IN-CEILING MODELS ONLY

- THX-8000-L
- THX-8000-S

TUBE PORT GEOMETRY

- Maximizes volume of tube port in smaller cabinets
- Reduces port noise for punchier low frequencies

CUSTOM DESIGNED INNER FLARE

- Inner flare helps reduce air turbulence entering port
- Less turbulent air helps reduce port noise
- Cleaner, punchier bass

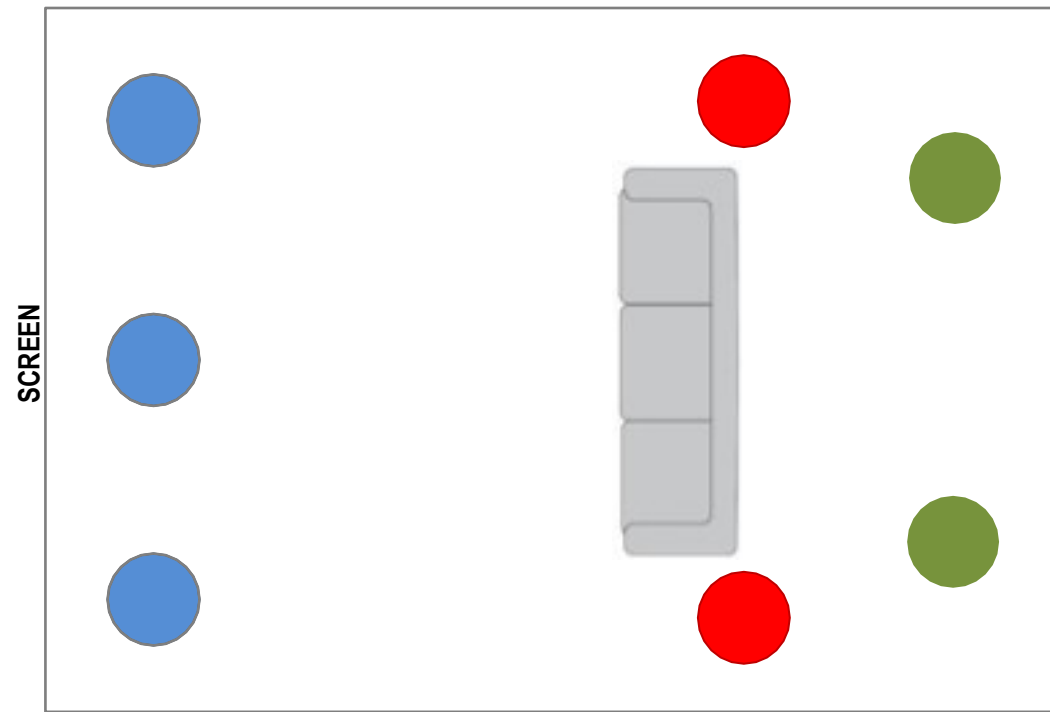
CUSTOM LENGTH PORT TUBE

- Port tubes cut to custom lengths in order to maximize low frequency tuning of cabinet
- Allows for better low frequency extension



Klipsch[®]

SPEAKER POSITIONING IN-CEILING SPEAKERS

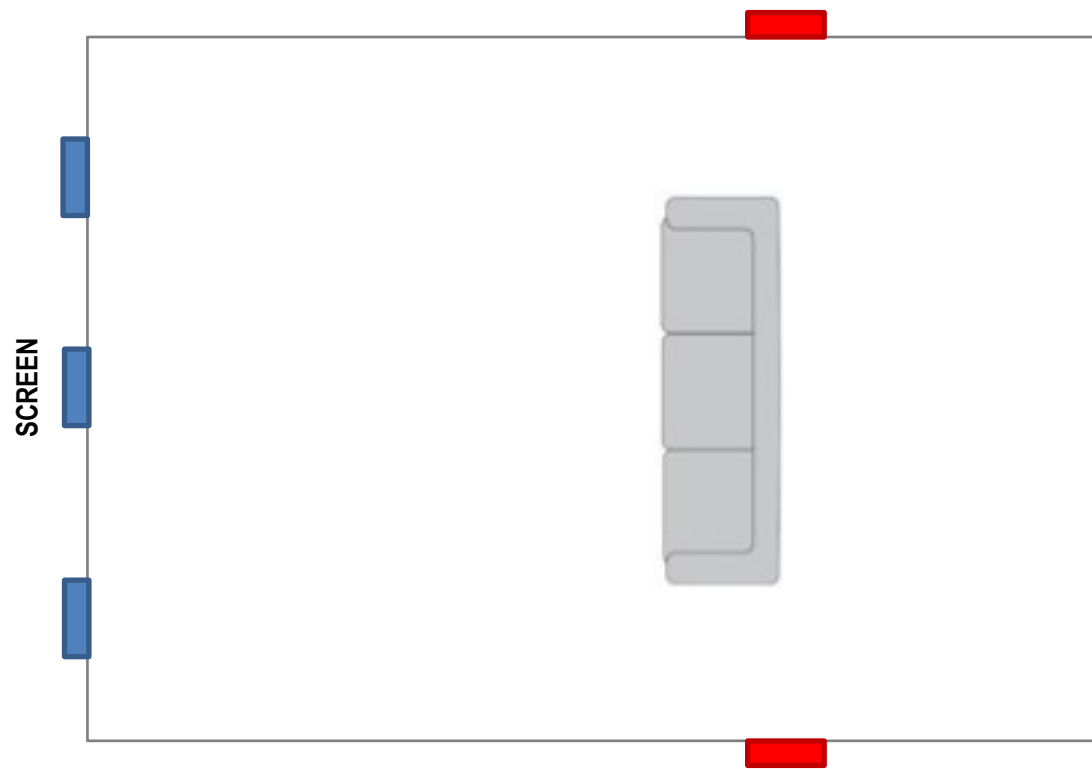


 
THX-5002-L
IN-CEILING LCR

  OR 
THX-5002-S
IN-CEILING
SURROUND OR
THX-5002-L
IN-CEILING LCR

  OR 
THX-5002-S
IN-CEILING
SURROUND OR
THX-5002-L
IN-CEILING LCR

SPEAKER POSITIONING IN-WALL SPEAKERS



THX-8000-LCR



THX-8000-SUR

OR



THX-8000-LCR



THX-8000-SUR

OR



THX-8000-LCR

SKU OVERVIEW



THX-502-L

2 x 5.25" Fiberglass Woofers
1" Titanium Compression Driver
90°x90° Tractrix® Horn



THX-504-L

4 x 5.25" Fiberglass Woofers
1" Titanium Compression Driver
90°x90° Tractrix® Horn



WOVEN FIBERGLASS WOOFERS



WOVEN FIBERGLASS CONES

- Extremely light for excellent efficiency and power transfer
- Woven fiberglass helps with rigidity to reduce cone break-up

STAMPED STEEL BASKET

- Designed to be mechanically rigid
- Non-resonant, for fast, clean low frequencies

ROBUST CERAMIC MAGNET STRUCTURES

- Large motor structures maximize power transfer
- Maximize efficiency to match output of horn

FLAT DUST CAP

- Adds rigidity to woofer cone
- Helps maintain shape and piston-like motion of woofer
- Reduces low frequency distortion
- Modern Look

Klipsch

TITANIUM DIAPHRAGM TWEETER

TITANIUM DIAPHRAGM

- Lighter and more rigid than aluminum, polymer, or silk
- Smoother high frequency reproduction

COMPUTER MODELED PHASE PLUG

- Acts as mechanical filter to ensure smooth, flat frequency response
- Allows for mating of tweeter diaphragm to Tractrix® horn
- Protects tweeter from “push in”

LINEAR TRAVEL SUSPENSION

- Ensures purely pistonic motion of diaphragm
- Reduces high frequency distortion
- Legendary Technology – used in the award-winning Reference and Klipsch Palladium series

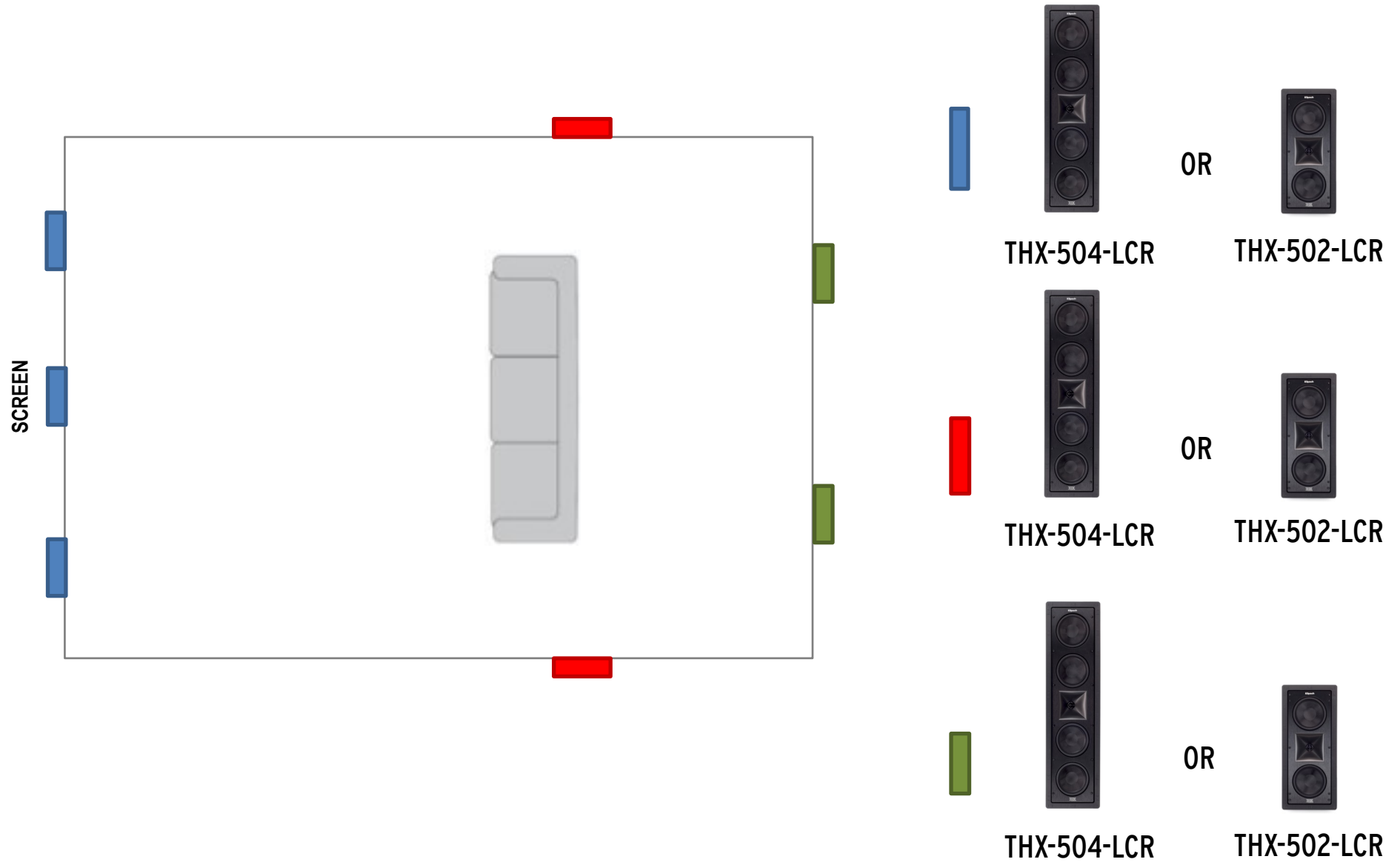
NEODYMIUM MAGNET STRUCTURE

- Strongest, smallest magnets on Earth
- Excellent magnetic force
- Smoother high frequency reproduction



Klipsch

SPEAKER POSITIONING IN-WALL SPEAKERS



FREE SYSTEM DESIGN



FOR CUSTOMIZED PRO SYSTEM DESIGN HELP:
prosystemdesign.klipsch.com

Klipsch