



# CINEMA

**Klipsch**



**70 YEARS AGO THE GENESIS  
OF SOMETHING VERY SPECIAL  
OCCURRED IN A TINY TIN SHED IN  
HOPE, ARKANSAS**

In 1946 Paul W. Klipsch – genius, madman and maverick – designed and hand-built the legendary Klipschorn® loudspeaker with the goal of bringing live music into his living room. He was an American audio pioneer and a true eccentric. PWK gave rise to speaker technologies that would forever impact generations of music lovers.

Today, in this honored tradition, we move forward, pushing the boundaries of art and science – while driving new technologies to deliver an ever-incredible listening experience.

Remember great sound? We never forgot.

We are THE KEEPERS OF THE SOUND®





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A close-up, black and white photograph of a Klipsch speaker horn. The horn is dark and has a flared, conical shape. It is mounted on a dark surface with several screws. The lighting highlights the texture of the horn and the metallic finish of the screws.

## WHY KLIPSCH?

Every Klipsch speaker is driven by the four critical philosophies of speaker design pioneered by our founder, Paul W. Klipsch.

### HIGH EFFICIENCY

The highest sound output for a given wattage input

### LOW DISTORTION

Even the softest sounds are heard with clarity and detail, the loudest sounds without harshness or distortion

### CONTROLLED DIRECTIVITY

The accurate projection of sound which, in turn, allows even distribution of sound in a given area

### CONTROLLED FREQUENCY RESPONSE

Producing the required response to maximize various acoustic environments

Whether in the home, on the stage, in a house of worship, in a music club, in the cinema, in the boardroom or in your favorite store or restaurant; our sound is uniquely detailed and clear. Our exclusive Tractrix<sup>®</sup> Horn-loaded technology reproduces truly engaging audio at even lower, background levels. With thousands of installations around the world and a dedicated team to back them up, Klipsch can provide the perfect sonic atmosphere for any setting.

**Klipsch**<sup>®</sup>

The Klipsch logo consists of the word "Klipsch" in a bold, sans-serif font, with a registered trademark symbol. Below the text is a stylized white graphic element that resembles a horn or a downward-pointing chevron.

# BEHIND THE SCREEN





- Dual 15" heavy-duty 4" voice coil cast frame woofers
- 8" high-power mid-bass driver coupled to a high-efficiency Tractrix horn
- 3" & 4" titanium diaphragm mid-range & high-frequency compression drivers
- Quad-amp configuration
- Maximum continuous out 137 dB
- Pair with a Klipsch KPT-1802-HLS horn-loaded subwoofer for a fully horn loaded cinema front stage.



- Dual 15-inch high efficiency horn-loaded woofer enclosure
- Separate single 8-inch Tractrix® Horn-loaded mid-bass device
- High frequencies effortlessly reproduced by dual titanium compression drivers
- Quad-amp configuration
- Pair with a Klipsch KPT-1802-HLS horn-loaded subwoofer for a fully horn-loaded cinema front stage

\* Includes passive processor for bi-amp operation  
 1 Frequency response behind a screen relative to X-curve and with active processing applied  
 2 AES standard, continuous pink noise, 6 dB peaks  
 3 SPL at 1M, half-space anechoic with 2.83V input  
 4 Calculated at 1M half-space at power handling input

## KPT-CINEMA GRANDEUR

4-WAY FULLY HORN-LOADED SYSTEM FOR THE GRANDEST AUDITORIUMS

Following on the design of the KPT-MCM Grand system, Klipsch has designed the new KPT-Cinema Grandeur fully horn-loaded, four-way cinema system using state-of-the-art drivers and a redesigned low frequency enclosure that's only 31" deep. The result is the ultimate in audio performance for the largest and finest exhibition spaces.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	40 Hz - 19 kHz
FREQUENCY RANGE	35 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-905-HF-T - 120W/480W MF: KPT-404-MF - 113W/452W MB: KPT-308-MB - 500W/2000W LF: KPT-1515-LF - 2400W/9600W
SENSITIVITY <sup>3</sup>	110 dB
MAXIMUM SPL <sup>4</sup>	137 dB   143 dB peak
HORIZONTAL COVERAGE	80° +/- 20° 200 Hz - 16 kHz
VERTICAL COVERAGE	50° +/- 30° 350 Hz - 16 kHz
HEIGHT	115" (292.1cm)
WIDTH	74" (188cm) front
DEPTH	31" (78.4cm)
WEIGHT	500 lbs. (227.3kg)

NOTES:

## KPT-MCM-II Q THX

4-WAY FULLY HORN-LOADED SYSTEM

The first fully horn-loaded THX®-Approved four-way cinema system, the KPT-MCM-II-Q affords the ultimate in audio performance for even the largest exhibition spaces. This quad-amp model allows the utmost in customization by utilizing four separate amplifiers to designate power levels, EQ and crossover settings for each driver set to create a perfectly balanced audio experience with today's complex digital soundtracks.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	40 Hz - 19 kHz
FREQUENCY RANGE	35 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-Grand HF-T - 50W/200W MF: KPT-402-MF - 90W/360W MB: KPT-305-MB - 460W/1840W LF: KPT-MWM-LF - 800W/3200W
SENSITIVITY <sup>3</sup>	112 dB
MAXIMUM SPL <sup>4</sup>	132 dB   138 dB peak
HORIZONTAL COVERAGE	80° +/- 20° 200 Hz - 16 kHz
VERTICAL COVERAGE	50° +/- 30° 350 Hz - 16 kHz
HEIGHT	98" (248.92cm)
WIDTH	67.25" (179.8cm) front
DEPTH	45" (114.3cm)
WEIGHT	526 lbs. (241.6kg)

NOTES:

Also available:  
**KPT-MCM-II T:** with a passive processor for tri-amp operation  
**KPT-MCM-II B:** with a passive processor for bi-amp operation



# KI-398-RGL

## HIGH OUTPUT 2-WAY VERTICAL LINE ARRAY SYSTEM

The Klipsch KI-398-RGL is a full-range 22.5° trapezoidal design ideally suited for use as a vertical line array in a behind the screen cinema system. The loudspeaker has incredible output capability featuring a 15" high excursion cast frame woofer, large format 3" titanium compression driver and internal high-current full-range crossover.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	51 Hz - 18 kHz (-10 dB @ 38 Hz) (with screen EQ applied)
<b>POWER HANDLING<sup>2</sup></b> (CONT/PEAK)	600W/2400W
<b>MAXIMUM SPL<sup>4</sup></b>	126 dB Continuous   132 dB Peak
<b>SENSITIVITY<sup>3</sup></b>	100 dB
<b>HORIZONTAL COVERAGE</b>	90 +10° / -40° 1.2 kHz - 20 kHz
<b>VERTICAL COVERAGE</b>	50° +/- 15° 2.5 kHz - 20 kHz
<b>INPUT CONNECTION</b>	Two Point Barrier Strip
<b>SUSPENSION POINTS</b>	Sixteen 3/8"-16 thread mounting points 4 top, 4 bottom, 4 each side
<b>HEIGHT</b>	39" (99.1cm)
<b>WIDTH</b>	19.8" (50.29cm) front 6.8" (17.27cm) rear
<b>DEPTH</b>	16" (40.04cm)
<b>WEIGHT</b>	78 lbs. (35.5kg)
<b>ACCESSORIES</b>	KI-398 Side-Plate Mounting Kit

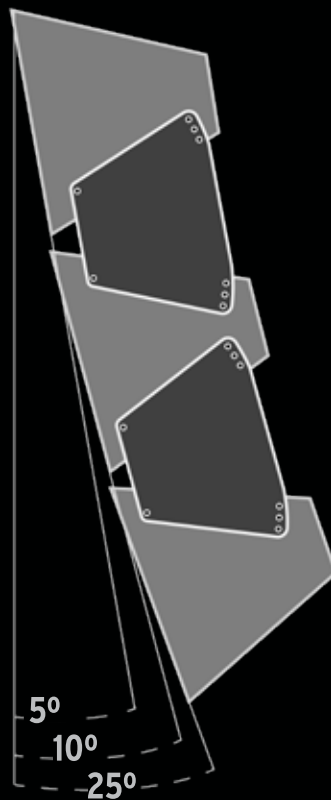
NOTES: \_\_\_\_\_

- Very high output capability with exceptional low-distortion clarity
- Compact 22.5° symmetrical trapezoidal design
- 15" high excursion cast frame heavy-duty woofer
- Large 3" titanium diaphragm high frequency compression driver
- 90° X 50° Tractrix® Horn for tight pattern control
- 16 suspension points (4 per side) for flexible mounting and rigging bar compatibility

## WHY LINE ARRAY?

In large auditoriums, loudspeaker pattern control is important to ensure the sound is sent to the right place. This is particularly true at low frequencies where the wavelength of sound will be much larger than an individual speaker - making it impossible to control. By coupling several loudspeakers together in an array, you physically increase the size of the acoustic source - extending the low frequency pattern control to a much lower frequency, resulting in less sound being reflected from the ceiling and back into the listening space.

In addition, a vertical line array will typically feature higher SPL (Sound Pressure Level) capability simply due to a higher number of drivers being used, therefore relieving stress on the system to achieve the same SPL.





- High output Quad 15-inch bass unit with less than 24 inches depth
- Single 8-inch Tractrix® Horn-loaded mid-bass device
- High frequencies effortlessly reproduced by dual titanium compression drivers
- Quad-amp configuration

## KPT-745-Q

4-WAY SPACE SAVING SYSTEM FOR GRAND AUDITORIUMS

Following the success of the KPT-MCM-II fully horn-loaded four-way cinema system, Klipsch designed the four-way KPT-745-Q to deliver similar movie chills and thrills but from a much shallower cabinet. Less than 24 inches in depth the KPT-745-Q system is perfect for larger theater venues with limited space behind the screen. Traditional Klipsch efficient design for a smaller footprint with large cabinet dynamic realism.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	43 Hz - 19 kHz
FREQUENCY RANGE	26 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-Grand HF-T - 50W/200W MF: KPT-402-MF - 90W/360W MB: KPT-305-MB - 460W/18400W LF: KPT-415-LF - 1600W/6400W
SENSITIVITY <sup>3</sup>	109.5 dB
MAXIMUM SPL <sup>4</sup>	131 dB   137 dB peak
HORIZONTAL COVERAGE	80° +/- 20° 350 Hz - 16 kHz
VERTICAL COVERAGE	50° +/- 30° 350 Hz - 16 kHz
HEIGHT	114.5" (290.83cm)
WIDTH	41.5" (105.41cm)
DEPTH	23.75" (60.33cm)
WEIGHT	408 lbs. (185.2 kg)

NOTES:

Also available:

- KPT-745-T:** with a passive processor for tri-amp operation
- KPT-745-B:** with a passive processor for bi-amp operation



- Four-way configuration to reduce modulation distortion of high frequency content
- Three compression drivers with 3-inch and 1.75-inch titanium diaphragms
- More consistent coverage over a wider bandwidth to ensure a high quality movie going experience from every seat in the house
- Quad-amp configuration

## KPT-445-Q

4-WAY SYSTEM FOR MEDIUM SIZE AUDITORIUMS

Its four-way configuration improves high frequency detail to amply deliver dynamic digital soundtracks for small to medium sized auditoriums. Its 24-inch depth allows for more real estate where it matters: in the auditorium. High efficiency for the most sound per watt.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	45 Hz - 20 kHz
FREQUENCY RANGE	32 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF/UHF: KPT-445-HF/UHF - 50W/200W MF: KPT-402-MF - 90W/360W LF: KPT-904-LF - 800W/3200W
SENSITIVITY <sup>3</sup>	108 dB
MAXIMUM SPL <sup>4</sup>	129.5 dB   135.5 dB peak
HORIZONTAL COVERAGE	80° +/- 20° 350 Hz - 16 kHz
VERTICAL COVERAGE	50° +/- 30° 350 Hz - 16 kHz
HEIGHT	90.5" (229.9cm)
WIDTH	39.75" (101cm)
DEPTH	23.75" (60.33cm)
WEIGHT	233 lbs. (105.9 kg)

NOTES:

Also available:

- KPT-445-B:** with a passive processor for bi-amp operation





- Fully horn-loaded three-way system
- Dual horn-loaded 12" woofers
- Two-inch exit titanium compression driver
- Bi-amp configuration

## KPT-JUBILEE/535-B

3-WAY FULLY HORN LOADED SYSTEM FOR MEDIUM TO LARGE AUDITORIUMS

The Jubilee utilizes an ultra-efficient, fully horn-loaded architecture complementary to the larger KPT-MCM II, but in a more shallow three-way design, boasting a 24-inch depth as the ultimate space-saving solution. Developed by audio pioneer Paul W. Klipsch in 2001, it performs flawlessly with dual 12-inch horn-loaded woofers for tight, realistic bass output and a Tractrix® Horn mid-bass unit coupled to a two-inch exit titanium compression driver. The high frequencies are easily handled with a large 2.75-inch compression driver mated with a Tractrix® Horn.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	45 Hz - 19 kHz
FREQUENCY RANGE	34 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-Grand-HF-N* MF: KPT-402-MF - 225W/900W LF: KPT-KHJ-LF - 400W/1600W
SENSITIVITY <sup>3</sup>	105 dB
MAXIMUM SPL <sup>4</sup>	128 dB   134 dB peak
HORIZONTAL COVERAGE	90° +/- 20° 200 Hz - 18 kHz
VERTICAL COVERAGE	60° +/- 20° 600 Hz - 19 kHz
HEIGHT	77.25" (196.2cm)
WIDTH	41.5" (105.4cm)
DEPTH	24.5" (62.2cm)
WEIGHT	260 lbs. (118 kg)

NOTES:



- Quad 15-inch direct-radiating bass unit 24-inch depth
- 3-inch titanium compression driver/Tractrix® Horn
- Tri-amp configuration

## KPT-535-4-T



3-WAY EXTENDED BASS SYSTEM FOR MEDIUM TO LARGE AUDITORIUMS

This THX®-Certified system utilizes a quad 15-inch direct-radiating bass unit for greater output in large auditoriums. Yet its 24-inch depth minimizes the valuable theater space consumed by the area behind the screen. The dialogue range is superbly handled by a large 3" compression driver mated to a Tractrix® Horn. A high-performance 2.75-inch, Tractrix® Horn compression driver HF system ensures smooth effortless treble reproduction.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	43 Hz - 19 kHz
FREQUENCY RANGE	26 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-Grand-HF-T - 50W/200W MF: KPT-402-MF - 90W/360W LF: KPT-415-LF - 1600W/6400W
SENSITIVITY <sup>3</sup>	107 dB
MAXIMUM SPL <sup>4</sup>	131 dB   137 dB peak
HORIZONTAL COVERAGE	90° +/- 30° 200 Hz - 16 kHz
VERTICAL COVERAGE	60° +/- 30° 300 Hz - 16 kHz
HEIGHT	86" (218.44cm)
WIDTH	39.75" (100.97cm)
DEPTH	23.75" (60.33cm)
WEIGHT	280 lbs. (127.1 kg)

NOTES:

\* Includes passive processor for bi-amp operation  
 1 Frequency response behind a screen relative to X-curve and with active processing applied  
 2 AES standard, continuous pink noise, 6 dB peaks  
 3 SPL at 1M, half-space anechoic with 2.83V input  
 4 Calculated at 1M half-space at power handling input

Also available:

KPT-535/4-B: with a passive processor for bi-amp operation

KPT-535/4-M: with a passive processor for mono-amp operation

## KLIPSCH GIVES YOU THE MOST OPTIONS

Our behind-the-screen systems offer many models with passive networks to reduce amplifier numbers, wire runs, labor hours and setup time.



- High output Dual 15-inch bass unit with less than 24 inches depth
- High frequencies effortlessly reproduced by dual titanium compression drivers
- Tri-amp configuration

## KPT-535-T



3-WAY SYSTEM FOR MEDIUM TO LARGE AUDITORIUMS

Once moviegoers experience the unbridled dynamics and intense realism of this THX®-Certified system they'll have their own personal favorite theater. The dual 15-inch direct-radiating bass unit produces clean, deep bass, yet its 24-inch depth minimizes its footprint to fit into more shallow behind the screen areas. The dialogue range is superbly handled by a large 3" compression driver mated to a Tractrix® Horn while a high-performance, Tractrix® Horn-loaded 2.75-inch compression driver reproduces detailed high frequencies.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	45 Hz - 19 kHz
FREQUENCY RANGE	32 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-Grand-HF-T - 50W/200W MF: KPT-402-MF - 90W/360W LF: KPT-904-LF - 800W/3200W
SENSITIVITY <sup>3</sup>	106 dB
MAXIMUM SPL <sup>4</sup>	129dB   135 dB peak
HORIZONTAL COVERAGE	90° +/- 30° 200 Hz - 16 kHz
VERTICAL COVERAGE	60° +/- 30° 300 Hz - 16 kHz
HEIGHT	81" (206cm)
WIDTH	40.25" (102.2cm)
DEPTH	23.25" (59.1cm)
WEIGHT	215 lbs. (97.6 kg)

### NOTES:

Also available:

- KPT-535-B:** with a passive processor for bi-amp operation
- KPT-535-M:** with a passive processor for bi-amp operation

\* Includes passive processor for bi-amp operation

1 Frequency response behind a screen relative to X-curve and with active processing applied

2 AES standard, continuous pink noise, 6 dB peaks

3 SPL at 1M, half-space anechoic with 2.83V input

4 Calculated at 1M half-space at power handling input

## KLIPSCH HIGH EFFICIENCY DESIGN

Power handling specifications only tell you how much a driver takes to be overdriven. A system's sensitivity can tell you what sound pressure level (SPL) you'll attain at any given distance. High-efficiency speakers allow high-power amplifiers to continuously output their cleanest watts, saving peak watts for dynamic headroom only and creating more sound from each watt input.





- Two-inch exit titanium compression driver
- Bi-amp or mono-amp configuration

## KPT-335-B/M

3-WAY SMALL AUDITORIUM SYSTEM WITH BUILT-IN BI-AMP OR MONO-AMP OPERATION

At just 12.25 inches in depth, the KPT-335-B is one of the most compact three-way behind-the-screen systems available. Yet, its traditional Klipsch efficiency delivers impactful, detailed sound to smaller-sized venues. The dialogue range is superbly handled by a 2" compression driver mated to a Tractrix® Horn while a high-performance, Tractrix® Horn-loaded 1.75-inch compression driver reproduces detailed high frequencies.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	50 Hz - 20 kHz
FREQUENCY RANGE	42 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-335-HF/MF-N* - 200W/800W MF: KPT-315-LF - 400W/1600W
SENSITIVITY <sup>3</sup>	103 dB
MAXIMUM SPL <sup>4</sup>	125 dB   131 dB peak
HORIZONTAL COVERAGE	90° +/- 20° 1 kHz - 16 kHz
VERTICAL COVERAGE	60° +/- 20° 2 kHz - 19 kHz
HEIGHT	58" (147cm)
WIDTH	27.25" (69.2cm)
DEPTH	12.25" (31.1cm)
WEIGHT	112 lbs. (51 kg)

### NOTES:

## KLIPSCH PASSIVE PROCESSORS

Klipsch offers more passive-processor equipped front-stage sound solution options than anyone else. They allow mono-amp operation with Klipsch two-way and three-way systems - and bi-amp operation of Klipsch four-way systems.

The benefits of premium speaker component systems allow less amplifiers, less wiring, less labor hours and less setup time and less complexity with plug-and-play operation right out of the box. Much more than just a crossover, Klipsch passive processors combine steep slope and in-phase crossover technology with perfect level matching and time-alignment between components that results in speakers that require little or no EQ to obtain the SMPTE/ISO 2969 X-curve.





- Less than 20-inches in depth
- Dual 15-inch bass unit
- Two-inch throated compression driver
- K-703 horn with a 1.75-inch titanium diaphragm
- Bi-amp OR Mono-amp configuration

## KPT-435-B/M

3-WAY SMALL TO MEDIUM AUDITORIUM SYSTEM WITH BUILT-IN BI-AMP OR MONO-AMP OPERATION

As the first full three-way passive behind-the-screen system on the market the KPT-435-B affords the ultimate in audio performance for small and medium-sized venues. It is one of the most space-saving speakers in its performance category. Traditional Klipsch high-efficiency design can be utilized as a bi-amp configured three-way system or, by simply changing the crossover network wiring, as a fully-passive three-way mono-amp configuration.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	45 Hz - 20 kHz
FREQUENCY RANGE	32 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF/MF: KPT-335-HF/MF-N* - 200W/800W LF: KPT-904-LF - 800W/3200W
SENSITIVITY <sup>3</sup>	105 dB
MAXIMUM SPL <sup>4</sup>	127 dB   133 dB peak
HORIZONTAL COVERAGE	90° +/- 20° 250 Hz - 16 kHz
VERTICAL COVERAGE	60° +/- 20° 2 kHz - 19 kHz
HEIGHT	62.75" (159.4cm)
WIDTH	27.25" (69.2cm)
DEPTH	17.75" (45.1cm)
WEIGHT	167 lbs. (76 kg)

NOTES:



- Quad 15-inch bass unit Tractrix® Horn with a two-inch exit titanium compression driver
- 24-inch depth
- Bi-amp configuration

## KPT-942-4-B

**THX**

2-WAY BI-AMP EXTENDED BASS SYSTEM FOR MEDIUM TO LARGE AUDITORIUMS

With its high efficiency, low distortion, controlled directivity and flat frequency response, the THX®-Certified KPT-942-4-B two-way cinema and stage system delivers the unbridled dynamics and intense realism required for today's most demanding digital soundtracks. The quad, 15-inch bass drivers are combined with a large, Tractrix® Horn-loaded 3-inch titanium compression driver for dynamic, full-range sound.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	43 Hz - 18 kHz
FREQUENCY RANGE	26 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-402-HF - 50W/200W LF: KPT-415-LF - 1600W/6400W
SENSITIVITY <sup>3</sup>	113 dB
MAXIMUM SPL <sup>4</sup>	129 dB   135 dB peak
HORIZONTAL COVERAGE	90° +/- 30° 200 Hz - 14 kHz
VERTICAL COVERAGE	60° +/- 30° 300 Hz - 18 kHz
HEIGHT	76" (193cm)
WIDTH	39.75" (101cm)
DEPTH	23.75" (60.3cm)
WEIGHT	260 lbs. (118 kg)

NOTES:



- Dual 15-inch direct-radiating bass drivers
- 24-inch depth
- 3-inch titanium compression driver Tractrix® Horn
- Bi-amp configuration

## KPT-942-B



### 2-WAY SYSTEM FOR MEDIUM AUDITORIUMS

The THX®-Certified KPT-942-B is a high-performance two-way screen and stage loudspeaker system well suited to medium-sized auditoriums. Its smaller stature still creates a large soundstage with well-defined imaging. Dual 15-inch driver bass unit delivers powerful bass from a cabinet just 24 inches deep.

#### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	45 Hz - 18 kHz
FREQUENCY RANGE	32 Hz - 19 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-402-HF - 50W/200W LF: KPT-904-LF - 800W/3200W
SENSITIVITY <sup>3</sup>	106 dB
MAXIMUM SPL <sup>4</sup>	128 dB   134 dB peak
HORIZONTAL COVERAGE	90° +/- 20° 250 Hz - 14 kHz
VERTICAL COVERAGE	60° +/- 20° 450 Hz - 18 kHz
HEIGHT	70.5" (179cm)
WIDTH	39.75" (101cm)
DEPTH	23.75" (60.33cm)
WEIGHT	195 lbs. (88.5 kg)

#### NOTES:

*Also available:*  
**KPT-942-M:** with a passive processor for mono-amp operation



- Dual 15-inch direct-radiating bass drivers
- Under 18-inch depth
- 3-inch titanium compression driver/Tractrix® Horn
- Bi-amp configuration

## KPT-904-B

### 2-WAY SYSTEM FOR MEDIUM AUDITORIUMS

An exceptional sounding midsize screen and stage loudspeaker system especially suited for stadium seating. A Tractrix® Horn-loaded, 3-inch titanium compression driver mated with a dual 15-inch woofer for excellent efficiency and dynamics at a remarkable price point.

#### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	45 Hz - 19 kHz
FREQUENCY RANGE	32 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-904-HF - 50W/200W LF: KPT-904-LF - 800W/3200W
SENSITIVITY <sup>3</sup>	105 dB
MAXIMUM SPL <sup>4</sup>	127 dB   133 dB peak
HORIZONTAL COVERAGE	90° +/- 20° 250 Hz - 14 kHz
VERTICAL COVERAGE	60° +/- 20° 2 kHz - 19 kHz
HEIGHT	55.5" (141cm)
WIDTH	27.25" (69.22cm)
DEPTH	17.75" (45.1cm)
WEIGHT	156 lbs. (71 kg)

#### NOTES:

*Also available:*  
**KPT-904-M:** with a passive processor for mono-amp operation

\* Includes passive processor for bi-amp operation

1 Frequency response behind a screen relative to X-curve and with active processing applied

2 AES standard, continuous pink noise, 6 dB peaks

3 SPL at 1M, half-space anechoic with 2.83V input

4 Calculated at 1M half-space at power handling input



- Dual 15-inch direct-radiating bass drivers
- Under 18-inch depth
- 1.75-inch titanium compression driver Tractrix® Horn
- Mono-amp configuration

## KPT-902-M

ECONOMICAL 2-WAY MONO-AMP SYSTEM FOR SMALL TO MEDIUM AUDITORIUMS

An excellent, entry-level two-way mono-amp system that's perfect where cost effectiveness is the primary objective. A single wiring run with minimal amplifier setup maintains economy still providing legendary Klipsch dynamic sound.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	48 Hz - 20 kHz
FREQUENCY RANGE	35 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-310-HF - 55W/220W LF: KPT-902-LF - 500W/2000W
SENSITIVITY <sup>3</sup>	103 dB
MAXIMUM SPL <sup>4</sup>	125 dB   131 dB peak
HORIZONTAL COVERAGE	90° +/- 30° 400 Hz - 18 kHz
VERTICAL COVERAGE	60° +/- 30° 450 Hz - 20 kHz
HEIGHT	55.5" (141.0cm)
WIDTH	27.25" (69.2cm)
DEPTH	17.75" (40.1cm)
WEIGHT	155 lbs. (70.3 kg)

NOTES:



- Single 15-inch woofer enclosure
- 3-inch titanium compression driver Tractrix® Horn
- Bi-amp configuration

## KPT-325-B

COMPACT 2-WAY BI-AMP SYSTEM FOR SMALL AUDITORIUMS

Engineered to save space, yet still stir emotions, the new KPT-325-B is only 12-1/4 inches in depth.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	50 Hz - 19 kHz
FREQUENCY RANGE	42 Hz - 20 kHz
SYSTEM COMPONENTS/ POWER HANDLING <sup>2</sup> (CONT/PEAK)	HF: KPT-904-HF - 50W/200W LF: KPT-315-LF - 400W/1600W
SENSITIVITY <sup>3</sup>	102.5 dB
MAXIMUM SPL <sup>4</sup>	125 dB   131 dB peak
HORIZONTAL COVERAGE	80° +/- 20° 400 Hz - 18 kHz
VERTICAL COVERAGE	60° +/- 20° 2 kHz - 19 kHz
HEIGHT	50.5" (128.27cm)
WIDTH	27.25" (69.22cm)
DEPTH	12.25" (31.1cm)
WEIGHT	101 lbs. (46 kg)

NOTES:

Also available:  
KPT-325-M: with a passive processor for mono-amp operation

\* Includes passive processor for bi-amp operation  
 1 Frequency response behind a screen relative to X-curve and with active processing applied  
 2 AES standard, continuous pink noise, 6 dB peaks  
 3 SPL at 1M, half-space anechoic with 2.83V input  
 4 Calculated at 1M half-space at power handling input



# KPT-310-M

ECONOMICAL 2-WAY MONO-AMP SYSTEM FOR SMALL AUDITORIUMS

Entry-level mono-amp operation at a low-cost that still gives you legendary Klipsch sound.

## SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	52 Hz - 20 kHz
FREQUENCY RANGE	45 Hz - 20 kHz
POWER HANDLING <sup>2</sup> (CONT/PEAK)	250W/1000W
SENSITIVITY <sup>3</sup>	102 dB
MAXIMUM SPL <sup>4</sup>	123 dB   129 dB peak
HORIZONTAL COVERAGE	90° +/- 30° 500 Hz - 18 kHz
VERTICAL COVERAGE	60° +/- 30° 2 kHz - 20 kHz
HEIGHT	50.5" (128.3cm)
WIDTH	27.25" (69.2cm)
DEPTH	12.25" (31.1cm)
WEIGHT	100 lbs. (45.5 kg)

NOTES: \_\_\_\_\_

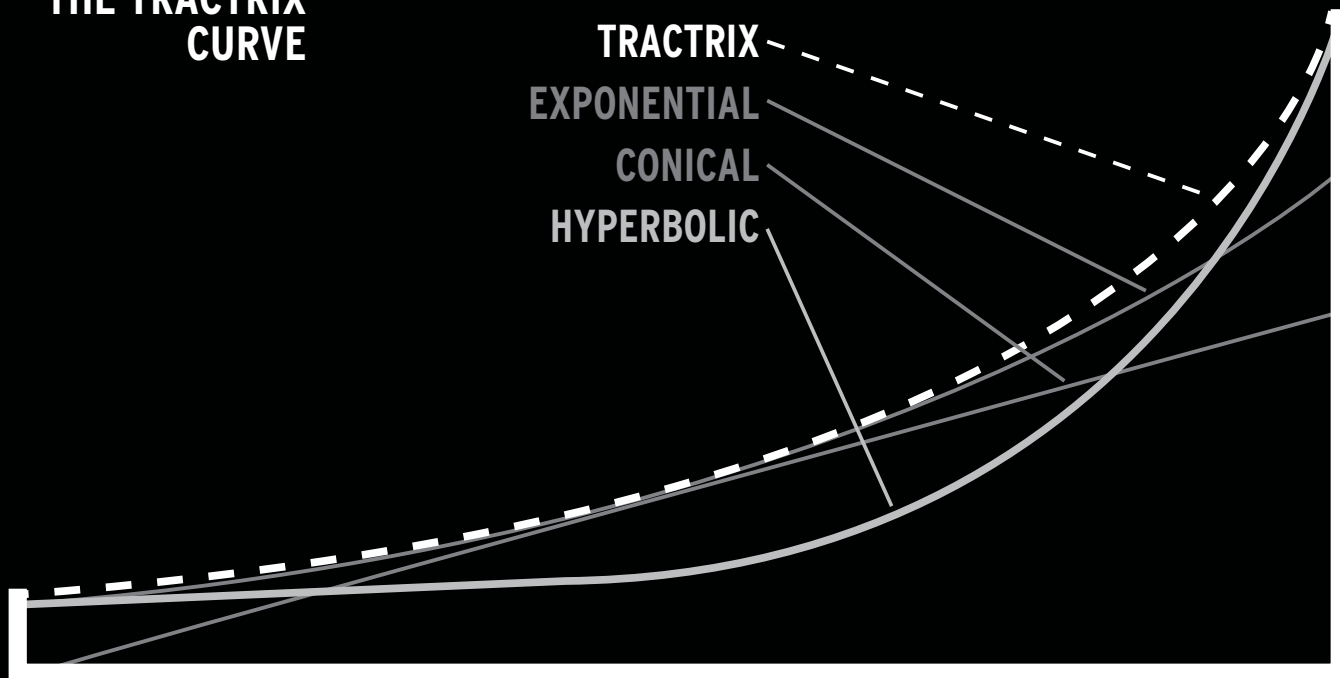
- Single 15-inch woofer enclosure
- 1.75-inch titanium compression driver Tractrix® Horn
- Mono-amp configuration

## THE TRACTRIX® HORN

Klipsch uses a modified Tractrix equation horn geometry on its distributed audio speakers which gains the benefits of three distinct horn types and allows the sound wave to release from the horn with minimal reflections back into the horn. This, combined with the reduced depth of the Tractrix® horn in relation to others, further reduces distortion and improves frequency response and overall sound clarity, even at low background volumes.

### THE TRACTRIX CURVE

TRACTRIX  
EXPONENTIAL  
CONICAL  
HYPERBOLIC



WOOD CABINET  
**SURROUNDS**







- 90° x 60° coverage pattern
- Large 3" titanium diaphragm high-frequency compression driver
- 15" cast-frame heavy-duty woofer
- 5/16"-18 threaded inserts to accommodate industry standard mounting brackets

## KPT-396

HIGH OUTPUT 15" 2-WAY CINEMA SURROUND FOR THE LARGEST AUDITORIUMS

The KPT-396 cinema surround offers high power handling and sensitivity for extremely high output that's required for the largest format cinemas and multichannel surround formats. The KPT-396 provides the ultimate in digital sound reproduction, putting movie audiences right in the middle of the action. By setting a new standard in dynamic range and quality of reproduction, it's the perfect choice for larger cinemas.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	65 Hz - 18 kHz (-10 dB @ 48 Hz)
<b>POWER HANDLING<sup>2</sup></b>	AES: 600W (56V) IEC: 800W (64V)
<b>MAXIMUM SPL<sup>3</sup></b>	127.5 dB continuous   133.5 dB peak
<b>SENSITIVITY<sup>4</sup></b>	100.5 dB @ 2.83V / 1M 98.5 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	90° +/- 30° 400 Hz - 13 kHz
<b>VERTICAL COVERAGE</b>	60° +/- 20° 1.6 kHz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (5.1 min. @ 112 Hz)
<b>COMPONENTS</b>	One K-48-ST 15" woofer One K-691 3" titanium compression driver on a K-510 horn
<b>INPUT CONNECTORS</b>	Barrier strip
<b>ENCLOSURE</b>	3/4" 7-ply birch plywood cabinet
<b>HEIGHT</b>	29.5" (74.9cm)
<b>WIDTH</b>	19.8" (50.29cm) front 6.8" (17.27cm) rear
<b>DEPTH</b>	16" (40.64cm)
<b>WEIGHT</b>	62 lbs. (28.2kg)
<b>TILT</b>	0°
<b>GRILLE</b>	Cloth

### NOTES:



- 100° x 50° coverage pattern
- Tractrix® Horn-loaded 2-inch titanium midrange/1-inch titanium HF driver
- .75-inch void-free plywood enclosure with threaded inserts for industry-standard brackets

## KPT-250

3-WAY, HIGH OUTPUT SURROUND FOR THE LARGEST AUDITORIUMS

An extremely high-efficiency 3-way surround speaker designed for high-output for controlled, extended coverage in large cinemas. Perfect as front/side/rear surrounds with a 15° down-firing angle. Extended bass response with a high-power 12-inch woofer with a 2.5-inch voice coil.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	70 Hz - 19 kHz +/- 3 dB 52 Hz - 20 kHz -10 dB
<b>POWER HANDLING<sup>2</sup></b>	AES: 250W (34V) 40 Hz - 10 kHz IEC: 325W (39V)
<b>MAXIMUM SPL<sup>3</sup></b>	125.8 dB continuous   131.8 dB peak
<b>SENSITIVITY<sup>4</sup></b>	103 dB @ 2.83V / 1M 100.6 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	100° +/- 40° 400 Hz - 20 kHz
<b>VERTICAL COVERAGE</b>	50° +/- 30° 3 kHz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (4.6 min. @ 8 kHz)
<b>COMPONENTS</b>	One K-42-EPK 12" woofer One K-53-T 1.5" diaphragm compression driver mounted on a K-704-T horn One K-100-T1 1" compression driver on a K-79-T horn
<b>INPUT CONNECTORS</b>	Barrier strip
<b>ENCLOSURE</b>	3/4" Birch Plywood
<b>HEIGHT</b>	25" (63.5cm)
<b>WIDTH</b>	16" (40.6cm)
<b>DEPTH</b>	15.5" (39.37cm)
<b>WEIGHT</b>	46 lbs. (20.9kg)
<b>TILT</b>	15° downward
<b>GRILLE</b>	Cloth

### NOTES:

1 3M, Half-space anechoic

2 AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks  
IEC, 60268-1 noise signal for 2 hours

3 Continuous at 1M specified by constant voltage, calculated logarithm

4 SPL at 1M, half-space anechoic with 2.83V input

## KLIPSCH PREMIUM WOOD CABINETS

No compromise design with 3/4-inch sidewalls and premium birch plywood on most models – like all Klipsch wood cabinet speakers, assembled in Hope, Arkansas, USA.



- 12-inch woofer with a 2-inch voice coil
- 1.75-inch titanium high-frequency compression driver coupled to a 100° x 100° Tractrix® horn
- .75-inch high density MDF enclosure with threaded inserts for industry-standard brackets

1 3M, Half-space anechoic

2 AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks

IEC, 60268-1 noise signal for 2 hours

3 Continuous at 1M specified by constant voltage, calculated logarithm

4 SPL at 1M, half-space anechoic with 2.83V input

## KPT-1201



2-WAY SURROUND FOR MEDIUM TO LARGE CINEMAS

A THX®-certified cinema surround speaker system that delivers extended bass response, controlled coverage and standard SMPTE/ISO 2696 X-curve de-emphasis from a wood enclosure designed to not appear bulky. Large 12-inch woofer design extends surround bass output.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	72 Hz - 17 kHz +/- 3 dB 46 Hz - 20 kHz -10 dB
POWER HANDLING <sup>2</sup>	AES: 200W (31V) 40 Hz -10 kHz IEC: 250W (34.5V)
MAXIMUM SPL <sup>3</sup>	121.7 dB continuous   127.7 dB peak
SENSITIVITY <sup>4</sup>	100 dB @ 2.83V / 1M 97.7 dB @ 1W / 1M
HORIZONTAL COVERAGE	100° +30°/-45° 600 Hz - 18 kHz
VERTICAL COVERAGE	100° +30°/-55° 700 Hz - 18 kHz
NOMINAL IMPEDENCE	8 ohms (4.76 min. @ 155 Hz)
COMPONENTS	One K-28-EP 12" woofer One K-70-G 1.75" titanium diaphragm compression driver on a K-801 horn
INPUT CONNECTORS	Barrier strip
ENCLOSURE	3/4" MDF
HEIGHT	22.7" (58cm)
WIDTH	17.2" (44cm)
DEPTH	13.3" (34cm) Top 5" (13cm) Bottom
WEIGHT	42 lbs. (19.1kg)
TILT	15° downward
GRILLE	Cloth

### NOTES:

## KLIPSCH "MUMPS" TRACTRIX® HORNS

The addition of ellipses or "mumps" molded into calculated areas of the Tractrix® Horn further enhance coverage across the dispersion area of the horn.



## KPT-12-VB

KLIPSCH EXCLUSIVE VBAT SURROUND TECHNOLOGY FOR MEDIUM TO LARGE VENUES

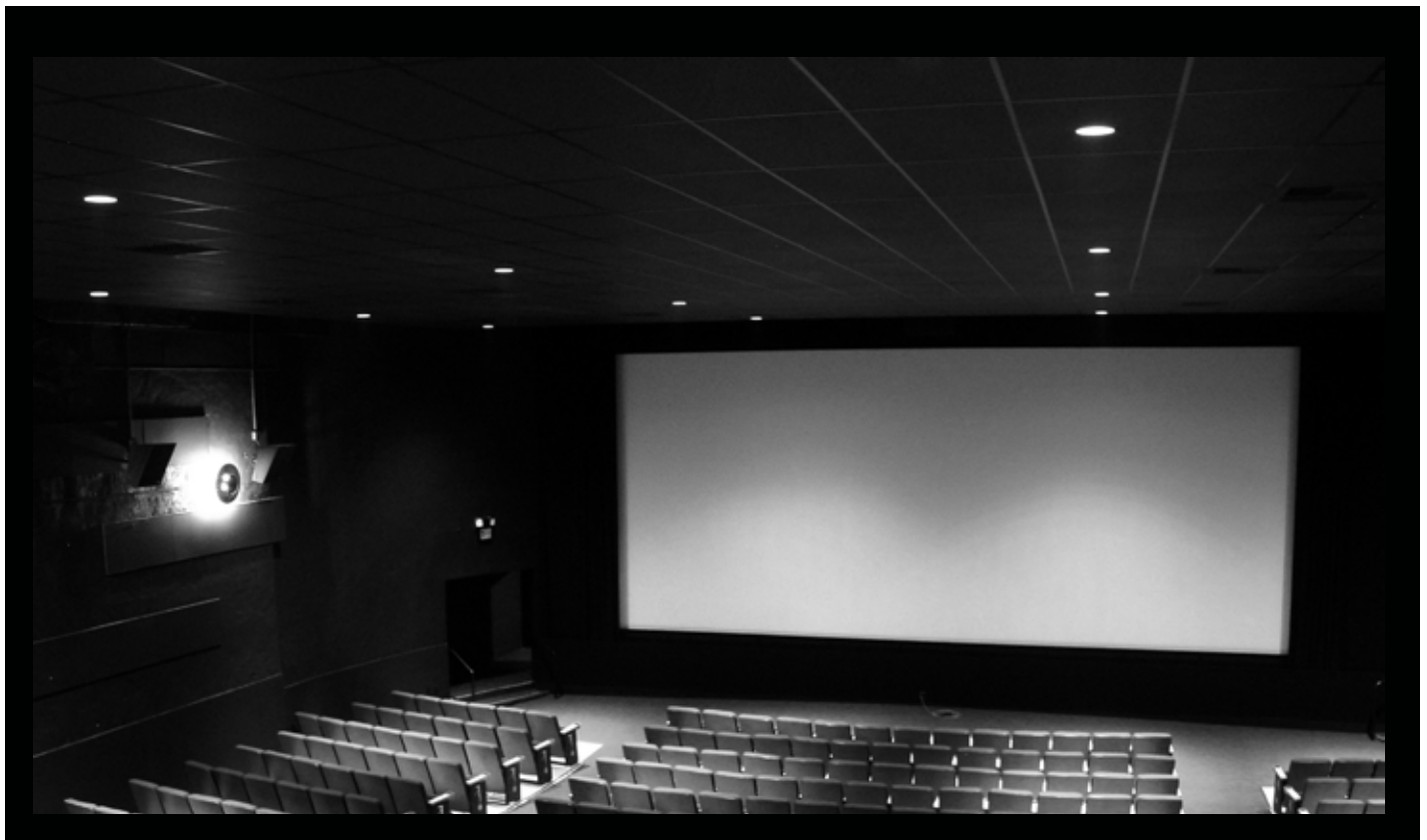
The Klipsch KPT-12-VB's Virtual Boundary Array Technology (VBAT) Cinema Surround speakers utilize a pair of patented, skewed horns for an extremely wide dispersion pattern-perfect as a sound wall for the latest digital sound formats such as Dolby® Atmos™. Tight 60° vertical dispersion married with high output woofers also creates a long throw with high output, ideal for today's larger auditoriums.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	48 Hz - 19 kHz +/- 3 dB 37 Hz - 21 kHz -10 dB
<b>POWER HANDLING<sup>2</sup></b>	AES: 400W (40V) 40 Hz -10 kHz IEC: 500W (44.7V)
<b>MAXIMUM SPL<sup>3</sup></b>	124 dB continuous   130 dB peak
<b>SENSITIVITY<sup>4</sup></b>	100 dB @ 2.83V / 1M 97 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	140° +/- 30° 200 Hz - 20 kHz
<b>VERTICAL COVERAGE</b>	60° +/- 20° 2.2 kHz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (3.96 minimum @ 900 Hz)
<b>COMPONENTS</b>	One K-281-EP 12" woofer Two K-70-G 1.75" titanium diaphragm compression drivers, on K-706 cinema skewed horns.
<b>INPUT CONNECTORS</b>	Two point barrier strip
<b>ENCLOSURE</b>	3/4" Plywood
<b>HEIGHT</b>	22.5" (57.15cm)
<b>WIDTH</b>	23.5" (59.69cm)
<b>DEPTH</b>	13" (33.02cm) Top 7" (17.78cm) Bottom
<b>WEIGHT</b>	53 lbs. (24.09kg)
<b>TILT</b>	15° downward
<b>GRILLE</b>	Cloth

### NOTES:

- Virtual Boundary Array Technology (VBAT) with a dual skewed horn design provides horizontal coverage in excess of 140°
- Large 3-inch voice coil 12-inch woofer with dual, horn-loaded 1.75-inch titanium compression drivers
- Incorporates the standard SMPTE/ISO 2696 X-curve into its response
- .75" birch plywood cabinet
- Threaded inserts accommodate industry standard brackets



MOLDED CABINET  
**SURROUNDS**





## KPT-1260H

AESTHETIC DESIGN HIGH OUTPUT 2-WAY CINEMA SURROUND FOR THE LARGEST VENUES

The Klipsch KPT-1260H combines the high design factor of a sleek, strong but lightweight molded cabinet with a high output 12-inch woofer combined with a tight dispersion 90° x 60° Tractrix® Horn for a long surround effect throw for even the widest size venues.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	65 Hz - 20 kHz +/- 3 dB 45 Hz - 20 kHz -10 dB
<b>POWER HANDLING<sup>2</sup></b>	AES: 400W (40V) 40 Hz - 10 kHz IEC: 500W (45V)
<b>MAXIMUM SPL<sup>3</sup></b>	123 dB continuous   129 dB peak
<b>SENSITIVITY<sup>4</sup></b>	99 dB @ 2.83V / 1M 96 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	90° +20°/-20° 2 kHz - 20 kHz
<b>VERTICAL COVERAGE</b>	60° +30°/-20° 1.2 kHz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (4 ohms min)
<b>COMPONENTS</b>	One K-281-ST 12" woofer One K-70-G 1.75" titanium compression driver on a K-703-M horn
<b>INPUT CONNECTORS</b>	Four point barrier strip
<b>ENCLOSURE</b>	10% Glass injected ABS cabinet
<b>HEIGHT</b>	22.6" (57.4cm)
<b>WIDTH</b>	18.2" (46.2cm) Top 16" (40.6cm) Bottom
<b>DEPTH</b>	10.2" (25.9cm) Top 7.3" (18.5cm) Bottom
<b>WEIGHT</b>	41 lbs. (18.6kg)
<b>TILT</b>	Built-in 8° or 15° angle with included accessory
<b>SAFETY CABLE INSERT</b>	3/8" 1/4-20 threaded
<b>GRILLE</b>	Powder Coated Steel

### NOTES:

- Perfect for both side and ceiling-surround applications of the latest digital sound formats
- High Output 12-inch woofer with 3-inch voice coil
- 1.75-inch titanium compression driver
- Tractrix® Horn with elliptical inserts provides even, full-frequency coverage
- Built-in 8° angle with a variety of mounts with included spacer for 15° angling



## KPT-1200M



AESTHETIC DESIGN 2-WAY SURROUND FOR MEDIUM TO LARGE CINEMAS

A new-look, strong but lightweight, molded cabinet cinema surround speaker system that delivers extended bass response with controlled coverage from a highly aesthetic cabinet designed to complement even the most esoteric designs of today's auditoriums.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	66 Hz - 20 kHz +/- 3 dB 47 Hz - 20 kHz -10 dB
<b>POWER HANDLING<sup>2</sup></b>	AES: 200W (30V), 40 Hz - 10 kHz IEC: 250W (33.5V)
<b>MAXIMUM SPL<sup>3</sup></b>	120.5 dB continuous   126.5 dB peak
<b>SENSITIVITY<sup>4</sup></b>	99 dB @ 2.83V / 1M 96.5 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	90° +20°/-15° 1 kHz - 20 kHz
<b>VERTICAL COVERAGE</b>	90° +10°/-45° 2 kHz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (4 ohms min)
<b>COMPONENTS</b>	One K-28-ST 12" woofer One K-70-G 1.75" titanium diaphragm compression driver on a K-801-M horn
<b>INPUT CONNECTORS</b>	Four point barrier strip
<b>ENCLOSURE</b>	10% Glass injected ABS cabinet
<b>HEIGHT</b>	22.6" (57.4cm)
<b>WIDTH</b>	18.2" (46.2cm) Top 16" (40.6cm) Bottom
<b>DEPTH</b>	10.2" (25.9cm) Top 7.3" (18.5cm) Bottom
<b>WEIGHT</b>	33 lbs. (14.97kg)
<b>TILT</b>	Built-in 8° or 15° angle with included accessory
<b>SAFETY CABLE INSERT</b>	3/8" 1/4-20 threaded
<b>GRILLE</b>	Powder Coated Steel

### NOTES:

- 12-inch woofer with 2-inch voice coil
- 1.75-inch titanium high-frequency compression driver
- 90° x 90° Tractrix® Horn with elliptical inserts provide even, full-frequency coverage
- Built-in 8° or 15° angles with threaded inserts to accommodate optional Klipsch or industry standard brackets

1 3M, Half-space anechoic

2 AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks IEC, 60268-1 noise signal for 2 hours

3 Continuous at 1M specified by constant voltage, calculated logarithm

4 SPL at 1M, half-space anechoic with 2.83V input



- 8-inch woofer with 1.5-inch voice coil
- 1-inch titanium high-frequency compression driver/elliptical insert Tractrix® Horn for even, full frequency coverage
- Built-in 8° or 15° angles with threaded inserts to accommodate optional Klipsch or industry standard brackets



- High output 8-inch woofer with 2-inch voice coil
- 1-inch titanium high-frequency compression driver/elliptical insert Tractrix® Horn for even, full frequency coverage
- Built-in 8° or 15° angles with threaded inserts to accommodate optional Klipsch or industry standard brackets

1 3M, Half-space anechoic  
 2 AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks  
 IEC, 60268-1 noise signal for 2 hours  
 3 Continuous at 1M specified by constant voltage, calculated logarithm  
 4 SPL at 1M, half-space anechoic with 2.83V input

## KPT-8000M THX

AESTHETIC DESIGN 2-WAY SURROUND FOR SMALLER CINEMAS

A high-value, high-aesthetic design perfect for smaller cinemas where cost effectiveness is the primary objective. An 8-inch woofer combined with a 90° x 90° Tractrix® Horn creates wider dispersion covering a larger area.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	75 Hz - 20 kHz +/- 3 dB 49 Hz - 20 kHz -10 dB
<b>POWER HANDLING<sup>2</sup></b>	AES: 100W (21V) IEC: 125W (23.5V)
<b>MAXIMUM SPL<sup>3</sup></b>	116 dB continuous   122 dB peak
<b>SENSITIVITY<sup>4</sup></b>	97.5 dB @ 2.83V / 1M 95 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	90° +/- 20° / 20° 2 kHz - 20 kHz
<b>VERTICAL COVERAGE</b>	90° +/- 20° / 40° 2 kHz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (4.47 min. @ 205 Hz)
<b>COMPONENTS</b>	One K-8-ST 8" woofer One K-103-TI-KP 1" titanium diaphragm compression driver on a K-802-M horn
<b>INPUT CONNECTORS</b>	Four point barrier strip
<b>ENCLOSURE</b>	10% Glass injected ABS cabinet
<b>HEIGHT</b>	18.7" (47.5cm)
<b>WIDTH</b>	14.7" (37.3cm) Top 13" (33cm) Bottom
<b>DEPTH</b>	7.2" (18.3cm) Top 4.7" (11.9cm) Bottom
<b>WEIGHT</b>	14.8 lbs. (6.7kg)
<b>TILT</b>	Built-in 8° or 15° angle with included accessory
<b>SAFETY CABLE INSERT</b>	3/8" 1/4-20 threaded
<b>GRILLE</b>	Powder Coated Steel

### NOTES:

## KPT-8060H

AESTHETIC DESIGN 2-WAY SURROUND FOR MEDIUM TO LARGE CINEMAS

A new-look, strong but lightweight, molded cabinet cinema surround speaker system that delivers extended bass with an 8-inch woofer combined with a 90° x 60° tight coverage Tractrix® Horn to reach wider venues. A highly aesthetic look with a molded cabinet designed to complement even the most esoteric designs of today's auditoriums.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	70 Hz - 20k Hz +/- 3dB 49 Hz - 20k Hz -10dB
<b>POWER HANDLING<sup>2</sup></b>	AES: 200W (30V) 40 Hz -10 kHz IEC: 250W (33.5V)
<b>MAXIMUM SPL<sup>3</sup></b>	120 dB continuous   126 dB peak
<b>SENSITIVITY<sup>4</sup></b>	98.5 dB @ 2.83V 96 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	90° +/- 20° 2k Hz - 18 kHz
<b>VERTICAL COVERAGE</b>	60° +/- 20° / 15° 1.6 kHz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (4 min)
<b>COMPONENTS</b>	One K-8I-ST 8" woofer One K-103-TI diaphragm compression driver on a K-702-M horn
<b>INPUT CONNECTORS</b>	Four point barrier strip
<b>ENCLOSURE</b>	10% Glass injected ABS cabinet
<b>HEIGHT</b>	18.7" (47.5cm)
<b>WIDTH</b>	14.7" (37.3cm) Top 13" (33cm) Bottom
<b>DEPTH</b>	7.2" (18.3cm) Top 4.7" (11.9cm) Bottom
<b>WEIGHT</b>	20 lbs. (9.07kg)
<b>TILT</b>	Built-in 8° or 15° angle with included accessory
<b>SAFETY CABLE INSERT</b>	3/8" 1/4-20 threaded
<b>GRILLE</b>	Powder Coated Steel

### NOTES:



## KPT-1200-VBM

AESTHETIC DESIGN KLIPSCH VBAT TECHNOLOGY FOR MEDIUM TO LARGE VENUES

The Klipsch KPT-1200-VBM utilizes Klipsch Virtual Boundary Array Technology in a new-look, strong but lightweight, high-aesthetic molded cabinet that complements today's contemporary cinema interiors. Its 12-inch woofer with 2-inch voice coil combines with dual, skewed horn 1-inch titanium compression drivers for wide coverage while tight vertical dispersion creates a long-distance throw perfect for wider venues. Elliptical inserts on the horns provide even, full-frequency coverage. An excellent choice for new digital formats such as Dolby® Atmos™

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	72 Hz - 17 kHz +/- 3 dB 46 Hz - 20 kHz -10 dB
<b>POWER HANDLING<sup>2</sup></b>	AES: 200W (30V) 40 Hz -10 kHz IEC: 250W (34.3V)
<b>MAXIMUM SPL<sup>3</sup></b>	120.7 dB continuous   126.7 dB peak
<b>SENSITIVITY<sup>4</sup></b>	99 dB @ 2.83V / 1M 96.7 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	140° +/- 30° 250 Hz - 20 kHz
<b>VERTICAL COVERAGE</b>	60° +/- 20° 2200 Hz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (4 min.)
<b>COMPONENTS</b>	One K-28-ST 12" woofer Two K-103-T1 1" titanium diaphragm compression drivers on K-707 cinema skewed horns
<b>INPUT CONNECTORS</b>	Four point barrier strip
<b>ENCLOSURE</b>	10% Glass injected ABS cabinet
<b>HEIGHT</b>	22.6" (57.4cm)
<b>WIDTH</b>	18.2" (46.2cm) Top 16" (40.6cm) Bottom
<b>DEPTH</b>	10.2" (25.9cm) Top 7.3" (18.5cm) Bottom
<b>WEIGHT</b>	23.4 lbs. (10.6kg)
<b>TILT</b>	Built-in 8° or 15° angle with included accessory
<b>SAFETY CABLE INSERT</b>	3/8" 1/4-20 threaded
<b>GRILLE</b>	Powder Coated Steel

### NOTES:

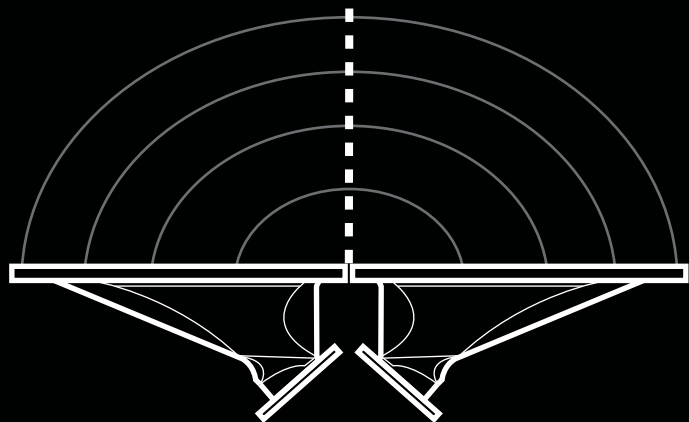
- Virtual Boundary Array Technology (VBAT) with a dual skewed horn design provides horizontal coverage in excess of 140°
- Perfect for both the newest surround formats and as a high-value option to reduce surround speaker numbers when cost effectiveness is the primary objective
- Dual skewed horns with elliptical inserts provide even, full-frequency coverage
- Built-in 8° or 15° angles, threaded inserts to accommodate optional Klipsch or industry standard brackets

## VIRTUAL BOUNDARY ARRAY TECHNOLOGY

For surround applications, the ability to increase a horn's horizontal coverage beyond 100° to increase diffusion is limited. Pushing a single horn design to extend past 100° causes the horn's sidewall to expand faster than the wave front of sound exiting the horn mouth. This creates two undesirable acoustic characteristics: extremely wide coverage at the upper frequencies and narrow coverage at the lower frequency limits. Yet, as new digital sound formats enter the arena, increased surround diffusion will be desired.

Klipsch's primary goal with VBAT was to increase the amount of surround speaker diffusion but to deliver equivalent SPL as a single horn surround. We used our patented, skewed Tractrix® Horns arrayed side by side on a flat baffle. This creates a wide coverage surround speaker that can still be housed in a smaller cabinet. Each of these horns has a coverage angle that is skewed 70° laterally from the forward axis of the speaker's baffle. Since both horns are fed the same signal, they can be placed next to each other on a common, flat baffle. The two identical wave fronts support each other, with minimal interference, as they exit the horn mouths. It's as if there was a physical horn wall, or virtual boundary, extending out from the loudspeaker, perpendicular to the baffle.

### VIRTUAL BOUNDARY





# SPECIALTY SPEAKERS





# KPT-4350-MS

## FULL RANGE FLYABLE MONOPOINT SPEAKER

The KPT-4350-MS is reinforced to be hung or wall-mounted in an auditorium to produce full frequency information. This flexible speaker is at home behind a screen as a full-range height speaker as it is in the back of the auditorium as a full range surround alternative.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	45 Hz - 20 kHz +/- 3dB -10 dB @ 32 Hz
<b>POWER HANDLING<sup>2</sup></b>	AES: 400W (38V) IEC: 500W (42.3V)
<b>MAXIMUM SPL<sup>3</sup></b>	129.5 dB continuous   135.5 dB peak
<b>SENSITIVITY<sup>4</sup></b>	106 dB @ 2.83V / 1M 102.5 dB @ 1W / 1M
<b>HORIZONTAL COVERAGE</b>	90 +/- 20° 1 kHz - 16 kHz
<b>VERTICAL COVERAGE</b>	60 +/- 20° 2 kHz - 19 kHz
<b>NOMINAL IMPEDENCE</b>	8 Ohms, (3 min. @ 100 Hz)
<b>COMPONENTS</b>	Two K-45-EP 15" woofers K-691 Compression driver on a K-510 horn on MF K-70-G Compression driver on a K-703 horn on HF
<b>INPUT CONNECTORS</b>	Two point barrier strip
<b>ENCLOSURE</b>	3/4" hardwood plywood
<b>HEIGHT</b>	27.25" (69.92 cm)
<b>WIDTH</b>	42.25" (107.32 cm)
<b>DEPTH</b>	17.75" (45.09 cm)
<b>WEIGHT</b>	145 lbs (65.9 kg) / 158 lbs (71.66 kg)
<b>TILT</b>	N/A
<b>GRILLE</b>	N/A

### NOTES:

- 3-way, full-frequency Monopoint Speaker
- Dual 15-inch woofers, 3-inch voice coils
- 3-inch Tractrix® Horn midrange/1.75-inch Tractrix® Horn HF driver



# KPT-801

## ULTRA COMPACT 2-WAY, 8-INCH WOOFER SURROUND FOR SMALLER VENUES

The dual-ported cabinet combined with an 8-inch extended low frequency woofer with 1-inch voice coil reproduces exceptional bass from a very compact cabinet design. The 90° x 90° Tractrix® Horn is mated to a 1-inch titanium compression driver. The included C-bracket adjusts to multiple angles.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	64 Hz - 17.5 kHz +/- 4dB 47 Hz - 20 kHz -10dB
<b>POWER HANDLING<sup>2</sup></b>	100W (21V) 40Hz - 10 kHz
<b>MAXIMUM SPL<sup>3</sup></b>	113 dB (21V), 116 dB calculated
<b>SENSITIVITY<sup>4</sup></b>	96 dB
<b>HORIZONTAL COVERAGE</b>	80° +/- 40° 12 kHz - 20 kHz
<b>VERTICAL COVERAGE</b>	90° +/- 30° 1 kHz - 20 kHz
<b>NOMINAL IMPEDENCE</b>	8 ohms (4.5 min. @ 167Hz)
<b>COMPONENTS</b>	One K-1183-A 8" woofer One K-150-A 1" compression driver/horn assembly
<b>INPUT CONNECTORS</b>	Barrier strip
<b>ENCLOSURE</b>	ABS plastic
<b>HEIGHT</b>	11.125" (28.3cm)
<b>WIDTH</b>	16.375" (41.6cm)
<b>DEPTH</b>	12.31" (31.27cm)
<b>WEIGHT</b>	18 lbs. (8kg)
<b>TILT</b>	Multi-angle with included C-bracket
<b>GRILLE</b>	Rustproof Aluminum

### NOTES:

- Capable of 100 watts continuous power input
- High AES sensitivity of 96dB
- Ships complete with a quick-install, heavy gauge, zinc C-bracket

1 3M, Half-space anechoic

2 AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks

3 Continuous at 1M specified by constant voltage, calculated logarithm

4 SPL at 1M, half-space anechoic with 2.83V input

# SUBWOOFERS



## WE'VE GOT YOU COVERED

We realize there are numerous types of cinema venues today, from the smallest houses with the tightest budgets to large multiplexes constructed for the state-of-the-art. We design all of our speakers and subwoofers to be top-performers in their respective categories, and we offer multiple solutions for various seating capacities in order to help you design the perfect system for your individual needs.



- An industry-first horn-loaded vented cabinet design
- High-efficiency with very low distortion perfectly complements today's digital sound formats
- 130dB continuous output capability
- Pair with the Klipsch KPT-MCM-II or KPT-CINEMA GRANDEUR for a fully horn-loaded cinema front stage!

## KPT-1802-HLS

THE INDUSTRIES ONLY FULLY HORN-LOADED, VENTED SUBWOOFER FOR THE GRANDEST AUDITORIUMS

With an industry-first, patented, horn-loaded vented cabinet design using an 18-inch driver with a 4-inch voice coil for fast attack, the result is class-leading acoustic output combined with commanding 20Hz bass response previously unattainable from even a 21" driver configuration system.

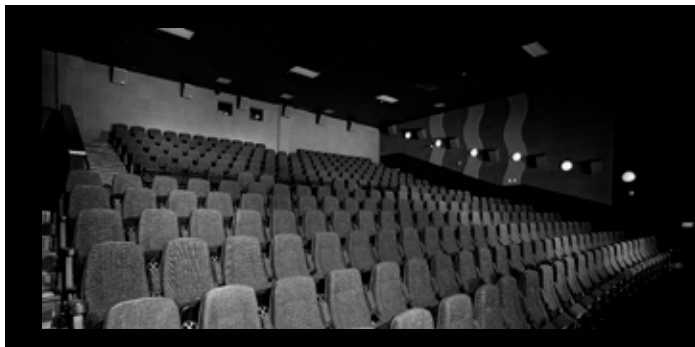
### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	26Hz-240Hz +/- 3dB 21Hz-500Hz -10dB
POWER HANDLING <sup>2</sup>	1100W (71V) 25Hz-250Hz
CALC. MAX. CONT. OUTPUT <sup>3</sup>	130dB
SENSITIVITY <sup>4</sup>	102dB
NOMINAL IMPEDENCE	6 ohms (4.5 min. @ 100Hz)
COMPONENTS	One K-473 18" woofer w/4" voice coil
INPUT CONNECTORS	Barrier strip
HEIGHT	48" (121.9cm)
WIDTH	74" (188cm)
DEPTH	31" (78.7cm)
WEIGHT	330 lbs. (150kg)

### NOTES:

## Hz SO GOOD

The combination of the Klipsch KPT-CINEMA GRANDEUR or KPT-MCM-II speaker system with the Klipsch KPT-1802-HLS subwoofer gives you the world's first fully horn-loaded cinema front stage. Unparalleled full-frequency, low-distortion sound combined with superlative impact and dynamics that can fill even the grandest of auditoriums.



<sup>1</sup> 3M, Half-space anechoic

<sup>2</sup> AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks

<sup>3</sup> Continuous at 1M specified by constant voltage, calculated logarithm

<sup>4</sup> SPL at 1M, half-space anechoic with 2.83V input



- Advanced low-frequency 4-inch voice coil driver design
- 18-inch driver
- High efficiency for maximum output

## KPT-884-SW

LOW PROFILE SUBWOOFER FITS RESTRICTED AREAS IN MEDIUM TO LARGE AUDITORIUMS

An advanced 4-inch voice coil with a stiff, but light, 18-inch driver in a bass-reflex design attains a low frequency of 18Hz, allowing audiences to feel as well as hear its earth-shaking bass. Yet, its 23-inch depth can place it behind screens where other subwoofers would never go.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	27Hz-240Hz +/- 3dB 18Hz-1.2k Hz -10dB
<b>POWER HANDLING<sup>2</sup></b>	1200 watts (92V) 20-200Hz
<b>CALC. MAX. CONT. OUTPUT<sup>3</sup></b>	128dB
<b>SENSITIVITY<sup>4</sup></b>	98dB
<b>NOMINAL IMPEDENCE</b>	8 ohms (7.2 min. @ 23Hz)
<b>COMPONENTS</b>	One K-472 18" woofer w/4" voice coil
<b>INPUT CONNECTORS</b>	Barrier strip
<b>HEIGHT</b>	49.75" (126.37cm)
<b>WIDTH</b>	35.75" (90.8cm)
<b>DEPTH</b>	22.5" (57.15cm)
<b>WEIGHT</b>	140 lbs. (64kg)

NOTES:



- Dual 18-inch drivers with 3-inch voice coils
- High efficiency for maximum output

## KPT-684



DUAL 18" DRIVER SUBWOOFER FOR MEDIUM TO LARGE VENUES

THX<sup>®</sup>-approved subwoofer with dual 18-inch drivers gain their high efficiency through the use of large geometrically optimized magnet structures and light, rigid cones. The enclosure is constructed of one-inch void-free birch plywood and features internal cross braces at all cabinet joints.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	34Hz-1.8k Hz +/- 3dB 25Hz-2.2k Hz -10dB
<b>POWER HANDLING<sup>2</sup></b>	600 watts (65V) per woofer 25-250Hz
<b>CALC. MAX. CONT. OUTPUT<sup>3</sup></b>	132dB
<b>SENSITIVITY<sup>4</sup></b>	105dB
<b>NOMINAL IMPEDENCE</b>	8 ohms (3.6 min. @ 22Hz) woofers wired in parallel
<b>COMPONENTS</b>	Two K-47-EP2 18" woofers
<b>INPUT CONNECTORS</b>	Barrier strip
<b>HEIGHT</b>	48.75" (123.83cm)
<b>WIDTH</b>	23.5" (59.7cm)
<b>DEPTH</b>	30.5" (77.47cm)
<b>WEIGHT</b>	155 lbs. (70kg)

NOTES:



- Flyable version of the KPT-684
- Dual 18-inch drivers
- High efficiency for maximum output

## KPT-684-SW-SMA

FLYABLE, DUAL 18-INCH DRIVER SUBWOOFER PERFECT FOR BASS AUGMENTATION

The KPT-684-SW-SMA increases the flexibility of the KPT-684 with the addition of strong, aluminum internal bracing, four main fly points (cabinet top) and safety fly point inserts (both sides) for horizontal suspension. An ideal subwoofer for back-of-house bass reinforcement, especially with the latest cinema digital sound formats such as Dolby Atmos™, without taking up valuable seating space. Ships with grille.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	34Hz-1.8k Hz +/- 3dB 25Hz-2.2k Hz -10dB
<b>POWER HANDLING<sup>2</sup></b>	600 watts (65V) per woofer 25-250Hz
<b>CALC. MAX. CONT. OUTPUT<sup>3</sup></b>	132dB
<b>SENSITIVITY<sup>4</sup></b>	105dB
<b>NOMINAL IMPEDENCE</b>	8 ohms (3.6 min. @ 22Hz) woofers wired in parallel
<b>COMPONENTS</b>	Two K-47-EP2 18" woofers
<b>INPUT CONNECTORS</b>	Barrier strip
<b>HEIGHT</b>	48.75" (123.83cm)
<b>WIDTH</b>	23.5" (59.7cm)
<b>DEPTH</b>	30.5" (77.47cm)
<b>WEIGHT</b>	190 lbs. (86.18kg)

### NOTES:



- 18-inch driver with a 3-inch voice coil
- Only 11 inches in depth
- High efficiency for maximum output

## KPT-418-SW

SHALLOW-DEPTH, HIGH-OUTPUT SUBWOOFER FOR SMALL TO MEDIUM VENUES

With a depth of only 11 inches, the KPT-418-SW cinema subwoofer is even more compact than the KPT-884-SW. A high-output bass-reflex subwoofer system can be used as the main subwoofer system in a small auditorium or as a ground subwoofer for surrounds in small to medium-sized auditoriums.

### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	38Hz-150Hz +/- 3dB 26Hz-2.2k Hz -10dB
<b>POWER HANDLING<sup>2</sup></b>	600 watts (47V) 25Hz-250Hz
<b>CALC. MAX. CONT. OUTPUT<sup>3</sup></b>	125dB
<b>SENSITIVITY<sup>4</sup></b>	101dB
<b>NOMINAL IMPEDENCE</b>	8 ohms (3.6 min. @ 24 Hz)
<b>COMPONENTS</b>	One K-49-EP2 18" woofer
<b>INPUT CONNECTORS</b>	Barrier strip
<b>HEIGHT</b>	43.5" (111.5cm)
<b>WIDTH</b>	40.75" (103.5cm)
<b>DEPTH</b>	11.0" (27.94cm)
<b>WEIGHT</b>	119 lbs. (54kg)

### NOTES:

<sup>1</sup> 1M, Half-space anechoic

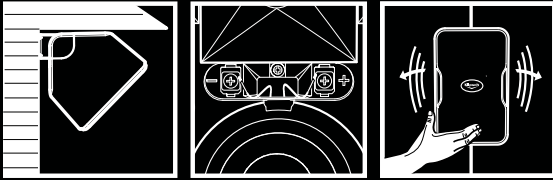
<sup>2</sup> AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks

<sup>3</sup> Continuous at 1M specified by constant voltage, calculated logarithm

<sup>4</sup> SPL at 1M, half-space anechoic with 2.83V input



# LOBBY SPEAKERS



## EASY ONE SCREWDRIVER/UP FRONT INSTALL

Klipsch Compact Performance Series speakers allow you to easily attach the bracket to the wall or in the corner and seamlessly mount the speaker to the bracket. Not only a fast, up-front install but a clean, uniform look that essentially integrates the speaker and bracket together as one.



- Highly-efficient, low-distortion, musical sound
- Front access, one-screwdriver installation of bracket and wiring
- Tool-free angle adjustment
- Fixed, 5-watt tap at 70V, 10-watt tap at 100V
- Low resonance talc-filled PPC cabinets available in paintable Black or White
- Klipsch CA-800-TSW subwoofers recommended to complement a CP-4T distributed audio system



- 4 tap settings (up to 30 watt/70V) with an 8 ohm bypass for high versatility
- 111 dB maximum output (8 ohms)
- Front access, one-screwdriver installation of bracket and wiring
- Tool-free angle adjustment
- Low resonance talc-filled PPC cabinets available in paintable Black or White

1 3M, Half-space anechoic  
 2 AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks  
 3 Continuous at 1M specified by constant voltage, calculated logarithm  
 4 SPL at 1M, half-space anechoic with 2.83V input

## CP-4T

COMPACT, HIGH PERFORMANCE INDOOR/OUTDOOR 70V/100V LOUDSPEAKER

Combining a 3.5" long-throw woofer with a .75" aluminum tweeter mated to a 90° x 90° Tractrix® Horn, the CP-4T is the perfect distributed sound solution when high-value and high-performance are top priorities.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	100Hz-22k Hz +/- 3dB
POWER HANDLING <sup>2</sup>	5 watt fixed @ 70V/10 watt fixed @ 100V
MAX CONTINUOUS OUTPUT <sup>3</sup>	94 dB @ 70V/97 dB @ 100V
SENSITIVITY <sup>4</sup>	91 dB
NOMINAL IMPEDENCE	N/A
TWEETER	.75" (1.9cm) aluminum dome tweeter
HIGH FREQUENCY HORN	90° x 90° Tractrix® Horn
WOOFER	3.5" (8.9cm) long-throw IMG woofer
CROSSOVER FREQUENCY	3.2kHz 12dB octave
TAP SETTINGS	5 watt fixed @ 70V/10 watt fixed @ 100V
ENCLOSURE TYPE	Bass-reflex via dual front-firing ports
ENCLOSURE MATERIAL	Talc-filled PPC
WEIGHT	4.8 lbs. (2.2kg)
DIMENSIONS	8.8" (22.4cm) H x 5.5" (14.0cm) W x 4.7" (11.9cm) D
DIMENSIONS WITH WALL MOUNT	8.8" (22.4cm) H x 5.5" (14.0cm) W x 5.5" (14.0cm) D
FINISHES	White/Black enclosure and grill
WIRE GAUGE ACCOMMODATED	16

NOTES:

## CP-6T

COMPACT, HIGH PERFORMANCE INDOOR/OUTDOOR 70V/100V LOUDSPEAKER

Featuring a 5.25" long-throw woofer with a .75" aluminum tweeter mated to a 90° x 90° Tractrix® Horn, the CP-6T speaker combines more accurate low-frequency response with a wide, even coverage pattern in either a horizontal or a vertical position.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	83Hz-22k Hz +/- 3dB
POWER HANDLING <sup>2</sup>	75 w (300 peak) (8 ohm bypass)
MAX CONTINUOUS OUTPUT <sup>3</sup>	111 dB (8 ohm bypass)
SENSITIVITY <sup>4</sup>	94 dB
NOMINAL IMPEDENCE	8 ohm (8 ohm bypass)
TWEETER	.75" (1.9cm) aluminum dome tweeter
HIGH FREQUENCY HORN	90° x 90° Tractrix® Horn
WOOFER	5.25" (13.3cm) long-throw IMG woofer
CROSSOVER FREQUENCY	3kHz 12dB octave
TAP SETTING	3.75w, 7.5w, 15w, 30w @ 70V/7w, 15w, 30w @ 100V
ENCLOSURE TYPE	Bass-reflex via dual front-firing ports
ENCLOSURE MATERIAL	Talc-filled PPC
WEIGHT	6.9 lbs. (3.1kg)
DIMENSIONS	11.0" (27.9cm) H x 7.0" (17.8cm) W x 6.1" (15.5cm) D
DIMENSIONS WITH WALL MOUNT	11.0" (27.9cm) H x 7.0" (17.8cm) W x 6.9" (17.5cm) D
FINISHES	White/Black enclosure and grill
WIRE GAUGE ACCOMMODATED	16

NOTES:



- Very high sensitivity and power handling
- Built-in 60-Watt, 70V/100V high quality multi-tap transformer with 8-ohm bypass
- Supplied with C-style mounting bracket and stainless steel hardware
- Black or White paintable UV-resistant, talc-filled PP enclosure with rustproof aluminum grille
- Available in Black or White

## CA-650-T

6.5-INCH TWO-WAY ALL-PURPOSE LOUDSPEAKER

The most popular CA Series speaker, the CA-650-T utilizes a 90° x 90° Tractrix® Horn tweeter for clean, clear highs in a durable and flexible package.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	69-20k Hz +/- 4dB
POWER HANDLING <sup>2</sup>	85 w (8 ohm bypass)
MAX CONTINUOUS OUTPUT <sup>3</sup>	111dB
SENSITIVITY <sup>4</sup>	95 dB
NOMINAL IMPEDENCE	8 ohm (8 ohm bypass)
TWEETER	1" (2.54cm) Titanium diaphragm compression driver
HIGH FREQUENCY HORN	90° x 90° Tractrix® Horn
WOOFER	6.5" (16.5cm) IMG woofer
CROSSOVER FREQUENCY	1900Hz 12dB octave lowpass
TAP SETTINGS	7.5w, 15w, 30w, 60w @ 70V / 3.75w, 7.5w, 15w, 30w, 60w @ 100V
ENCLOSURE TYPE	Bass-reflex via dual front-firing ports
ENCLOSURE MATERIAL	Talc-filled PPC
WEIGHT	13 lbs. (5.9kg)
DIMENSIONS	9.5" (24.13cm) H x 15.2" (38.56cm) W x 10.88" (27.62cm) D
DIMENSIONS WITH WALL MOUNT	-
FINISHES	White/Black enclosure and grill
WIRE GAUGE ACCOMMODATED	14 AWG

NOTES:

## HIGH QUALITY SPEAKER TRANSFORMERS

The use of less expensive transformers in speakers in a 70/100V system can severely degrade frequency response, especially in low-end (bass) response, due to limits of the transformer's core, leading to core saturation. Klipsch uses only high-quality, low loss transformers with a much higher core saturation limit in our distributed audio speakers, significantly reducing low-frequency compression and distortion.



- High quality, low-saturation transformer allows for realistic, deep bass
- Built-in 120 Hz low pass filter
- Very high sensitivity and power handling
- Supplied with C-style mounting bracket and stainless steel hardware
- Works perfectly with both CA series and CPT series speaker systems
- Available in Black or White

## CA-800-TSW

8-INCH TWO-WAY ALL-PURPOSE LOUDSPEAKER

The Klipsch CA-800-TSW utilizes an all-purpose 8-inch passive subwoofer and a Built-in 60-Watt, 70V/100V multi-tap transformer with 8-ohm bypass for unparalleled sound reproduction in a durable, UV resistant all-weather enclosure.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	51Hz-135 Hz +/- 4dB
POWER HANDLING <sup>2</sup>	150 w (8 ohm bypass)
MAX CONTINUOUS OUTPUT <sup>3</sup>	111 dB
SENSITIVITY <sup>4</sup>	92 dB
NOMINAL IMPEDENCE	6 ohms (4 ohm min @ 92Hz)
TWEETER	N/A
HIGH FREQUENCY HORN	N/A
WOOFER	8" (20.32cm) IMG woofer
CROSSOVER FREQUENCY	120Hz 12dB octave lowpass
TAP SETTINGS	3.75w, 7.5w, 15w, 30w, 60w @ 70V / 7.5w, 15w, 30w, 60w @ 100V
ENCLOSURE TYPE	Bass-reflex via dual front-firing ports
ENCLOSURE MATERIAL	Talc-filled PPC
WEIGHT	20 lbs. (9.07kg)
DIMENSIONS	11.13" (28.26cm) H x 16.38" (41.53cm) W x 12.31" (31.27cm) D
DIMENSIONS WITH WALL MOUNT	--
FINISHES	White/Black enclosure and grill
WIRE GAUGE ACCOMMODATED	14 AWG

NOTES:



## TRACTRIX PORTS

Just as the Tractrix curvature decreases reflections back into the horn for greater clarity, the Tractrix ports on all three Klipsch In-Ceiling distributed audio speakers significantly reduce port "chuffing" and allow more output before compression than typical ports.



- Front-access, high quality multi-tap transformer with 8 ohm bypass
- Pairs well with Klipsch surface mount speakers
- Works with Klipsch KPH-525 Pendant Housing for high/no suspended ceiling installs
- Pre-construction Mud Ring Kit available
- Available in Black or White



1 3M, Half-space anechoic  
 2 AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks  
 3 Continuous at 1M specified by constant voltage, calculated logarithm  
 4 SPL at 1M, half-space anechoic with 2.83V input

## IC-400-T

5-INCH TWO-WAY IN-CEILING LOUDSPEAKER

The two-way IC-400-T features a 5-inch woofer and 1-inch Titanium Diaphragm Compression driver on a 2-inch round Tractrix® Horn for smooth response with constant directivity. A Tractrix® port design helps to provide deeper, fuller bass with less compression and distortion. A new, more compact design simplifies low ceiling mounting.

### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	70-20k Hz +/- 4dB
POWER HANDLING <sup>2</sup>	50 w (8 ohm bypass)
MAX CONTINUOUS OUTPUT <sup>3</sup>	101dB
SENSITIVITY <sup>4</sup>	86dB
NOMINAL IMPEDENCE	8 ohm (8 ohm bypass)
TWEETER	1" (2.54cm) Titanium diaphragm compression driver
HIGH FREQUENCY HORN	90° x 90° Tractrix® horn
WOOFER	5" (12.7cm) woofer
TAP SETTINGS	1.9w, 3.8w, 7.5w, 15w @ 70V / 3.8w, 7.5w, 15w @ 100V
ENCLOSURE TYPE	Bass-reflex via Tractrix port
WEIGHT	6.25 lbs. (2.83kg)
CUTOUT DIMENSIONS	9.13" (23.18cm) diameter
MOUNTING DEPTH	7.31" (18.58cm)
OVERALL DEPTH	7.5" (19.05cm)
OVERALL WIDTH	10.75" (27.31cm)
THRU HOLE WIDTH	9" (22.86cm)
FINISHES	White/Black
WIRE GAUGE ACCOMMODATED	14 AWG
PRE-CONSTRUCTION MUD-RING	1010413

NOTES:

## KPH-525

When overhead sound distribution is a challenge due to either a high or a lack of a suspended ceiling, the Klipsch KPH-525 Pendant Housing combines with either the Klipsch IC-400-T or IC-525-T In-Ceiling speaker for an aesthetic, great sounding solution.

- Aluminum pendant housing in black, white or paintable for customization
- Designed to specifically house either the Klipsch IC-400-T or IC-525-T In-Ceiling 70/100 Volt speakers
- Perfect for high-ceiling structures or areas with no suspended ceiling for direct, overhead distributed sound
- Includes the necessary mounting hardware for typical suspended installation scenarios





- Front access, high quality multi-tap transformer with 8 ohm bypass
- Pairs well with Klipsch surface mount speakers
- Works with Klipsch KPH-525 Pendant Housing for high/no suspended ceiling installs
- Pre-construction Mud Ring Kit available
- Available in Black or White



## IC-525-T

### 5.25-INCH TWO-WAY IN-CEILING LOUDSPEAKER

The two-way IC-525-T features a 5.25-inch woofer, and a titanium diaphragm compression driver on a 3.5-inch round modified XT Tractrix® Horn for smooth response with constant directivity. A Tractrix port design helps to provide deeper, fuller bass with less compression and distortion, while a new, more compact design simplifies low ceiling mounting.

#### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	65-20k Hz +/- 4dB
<b>POWER HANDLING<sup>2</sup></b>	65 w (8 ohm bypass)
<b>MAX CONTINUOUS OUTPUT<sup>3</sup></b>	104dB
<b>SENSITIVITY<sup>4</sup></b>	89dB
<b>NOMINAL IMPEDENCE</b>	8 ohm (8 ohm bypass)
<b>TWEETER</b>	1" (2.54cm) Titanium diaphragm compression driver
<b>HIGH FREQUENCY HORN</b>	90° x 90° Tractrix® horn
<b>WOOFER</b>	5.25" (12.7cm) woofer
<b>TAP SETTINGS</b>	3.8w, 7.5, 15w, 30w @ 70V / 7.5w, 15w, 30w @ 100V
<b>ENCLOSURE TYPE</b>	Bass-reflex via Tractrix port
<b>WEIGHT</b>	8.25 lbs. (3.74kg)
<b>CUTOUT DIMENSIONS</b>	9.15" (23.18cm) diameter
<b>MOUNTING DEPTH</b>	8.31" (21.12cm)
<b>OVERALL DEPTH</b>	8.5" (21.59cm)
<b>OVERALL WIDTH</b>	10.75" (27.31cm)
<b>THRU HOLE WIDTH</b>	9" (22.86cm)
<b>FINISHES</b>	White/Black
<b>WIRE GAUGE ACCOMMODATED</b>	14 AWG
<b>PRE-CONSTRUCTION MUD-RING</b>	1010413

#### NOTES:



- Front access, high quality multi-tap transformer with 8 ohm bypass
- Pairs well with Klipsch surface mount speakers
- Pre-construction Mud Ring Kit available
- Available in Black or White

## IC-650-T

### 6.5-INCH TWO-WAY IN-CEILING LOUDSPEAKER

The Klipsch IC-650-T houses a 1-inch titanium diaphragm compression driver on a 3.5-inch round modified XT Tractrix® Horn for smooth response with constant directivity. A Tractrix port design helps to provide deeper, fuller bass with less compression and distortion into an installer-friendly, UL-2043 and I480 certified loudspeaker with an integrated back can and multi-tap transformer.

#### SPECIFICATIONS

<b>FREQUENCY RESPONSE<sup>1</sup></b> (+/- 3 dB)	50-20k Hz +/- 4dB
<b>POWER HANDLING<sup>2</sup></b>	80 w (8 ohm bypass)
<b>MAX CONTINUOUS OUTPUT<sup>3</sup></b>	106dB
<b>SENSITIVITY<sup>4</sup></b>	90dB
<b>NOMINAL IMPEDENCE</b>	8 ohm (8 ohm bypass)
<b>TWEETER</b>	1" (2.54cm) Titanium diaphragm compression driver
<b>HIGH FREQUENCY HORN</b>	90° x 90° Tractrix® horn
<b>WOOFER</b>	6.5" (16.51cm) woofer
<b>TAP SETTINGS</b>	7.5w, 15w, 30w, 60w @ 70V / 15w, 30w, 60w @ 100V
<b>ENCLOSURE TYPE</b>	Bass-reflex via Tractrix port
<b>WEIGHT</b>	11.25 lbs. (71.44kg)
<b>CUTOUT DIMENSIONS</b>	10.13" (25.72cm) diameter
<b>MOUNTING DEPTH</b>	10.63" (27cm)
<b>OVERALL DEPTH</b>	10.94" (27.79cm)
<b>OVERALL WIDTH</b>	10.75" (27.31cm)
<b>THRU HOLE WIDTH</b>	9" (22.86cm)
<b>FINISHES</b>	White/Black
<b>WIRE GAUGE ACCOMMODATED</b>	14 AWG
<b>PRE-CONSTRUCTION MUD-RING</b>	1010414

#### NOTES:

## A BETTER LOBBY SUBWOOFER SOLUTION

The Klipsch IC-SW-8T2 70/100V Subwoofer utilizes a unique transformerless design for the highest-performance in either background or foreground music applications. Since transformers, through compression that especially occurs at low frequencies, can severely limit a subwoofer's capabilities - this application is the perfect solution when building a great sounding commercial system. The IC-SW-8T2 also employs a bandpass design that utilizes a passive radiator instead of a port, eliminating turbulence and the resulting distortion often present in ported designs. The IC-SW-8T2 has the ability to easily switch from low impedance to high impedance distributed-line applications as well as mono and two-channel inputs in low impedance modes.



## IC-SW-8T2

### DUAL 8-INCH IN-CEILING PASSIVE SUBWOOFER

Most distributed audio systems are plagued with thin-sounding performances, but the new IC-SW-8T2 in-ceiling subwoofer changes everything. Engineered for music reinforcement applications, these unobtrusive, easy-to-install loudspeakers feature a transformerless design for 70V/100V distributed-line systems with two wattage settings. Since transformers severely limit a subwoofer's capabilities, this unique design is the perfect solution when building a great sounding commercial system.

#### SPECIFICATIONS

FREQUENCY RESPONSE <sup>1</sup> (+/- 3 dB)	50Hz-130Hz 4dB
POWER HANDLING <sup>2</sup>	150 w (8 ohm bypass)
MAX CONTINUOUS OUTPUT <sup>3</sup>	111dB
SENSITIVITY <sup>4</sup>	92dB
NOMINAL IMPEDENCE	6 ohms
TWEETER	8" (20.32cm) woofer and 8" (20.32) drone
TAP SETTINGS	30w, 60w @ 70V / 60w, 120w @ 100V
ENCLOSURE TYPE	Bandpass via drone
WEIGHT	23 lbs. (10.43kg)
CUTOUT DIMENSIONS	12.5" (31.75cm) diameter
MOUNTING DEPTH	12.63" (32.06cm)
OVERALL DEPTH	13" (33.02cm)
OVERALL WIDTH	14.2" (36.07cm)
THRU HOLE WIDTH	12.4" (31.50cm)
FINISHES	White
WIRE GAUGE ACCOMMODATED	14 AWG
PRE-CONSTRUCTION MUD-RING	061347

#### NOTES:

- Unique transformerless 4 voice coil, 70V/100V capability
- Bandpass design for low-distortion
- Extended, powerful bass
- Very high 111dB output capability
- Single-input 4-ohm or dual-input 8-ohm operation
- ABS baffle with removable, paintable power-coated aluminum grille
- Pre-construction Mud Ring Kit available

1 3M, Half-space anechoic

2 AES Standard, continuous pink noise 40Hz-10kHz, 6dB peaks

3 Continuous at 1M specified by constant voltage, calculated logarithm

4 SPL at 1M, half-space anechoic with 2.83V input



• Use with any Wood or Molded Cabinet Surround speakers

## SB-6

### WALL MOUNTING BRACKET

#### SPECIFICATIONS

HEIGHT	6-13/16" (17.3cm)
WIDTH	5-1/2" (14cm)
DEPTH	7-3/16" (18.3cm)
WEIGHT	2 lbs. (.9kg)

NOTES: \_\_\_\_\_



• Use with any Wood or Molded Cabinet Surround speakers

## SB-7

### WALL MOUNTING BRACKET

#### SPECIFICATIONS

HEIGHT	6" (15.2cm)
WIDTH	5.5" (14cm)
DEPTH	Adjustable 8.5" to 10.75" (21.6cm to 27.3cm)
WEIGHT	3 lbs. (1.4kg)

NOTES: \_\_\_\_\_



• Use with any Wood or Molded Cabinet Surround speakers

## SB-9

### WALL MOUNTING BRACKET

#### SPECIFICATIONS

HEIGHT	6-1/2" (16.5cm)
WIDTH	6-1/8" (15.6cm)
DEPTH	2" (5.1cm)
WEIGHT	4 lbs. (1.8kg)

NOTES: \_\_\_\_\_

# CINEMA

## RECOMMENDATIONS



## 100 SEATS

(Approximately 1000 ft<sup>2</sup> or 93 m<sup>2</sup>)

**GOOD**

KPT-310  
KPT-801  
KPT-418

**BETTER**

KPT-902  
KPT-801  
KPT-418

**BEST**

KPT-325  
KPT-801  
KPT-418

## 175 SEATS

(Approximately 2250 ft<sup>2</sup> or 209 m<sup>2</sup>)

**GOOD**

KPT-335  
KPT-8000M  
KPT-684 or KPT-884

**BETTER**

KPT-904  
KPT-8060H  
2 KPT-684 or KPT-884

**BEST**

KPT-435  
KPT-1201 or KPT-1200M  
2 KPT-684 or 3 KPT-884

## 125 SEATS

(Approximately 1400 ft<sup>2</sup> or 130 m<sup>2</sup>)

**GOOD**

KPT-310  
KPT-801  
KPT-418

**BETTER**

KPT-325  
KPT-801  
KPT-418

**BEST**

KPT-335  
KPT-8000M  
KPT-684

## 200 SEATS

(Approximately 2800 ft<sup>2</sup> or 260 m<sup>2</sup>)

**GOOD**

KPT-904  
KPT-8060H  
2 KPT-684 or 3 KPT-884

**BETTER**

KPT-435  
KPT-1201 or KPT-1200M  
2 KPT-684 or 3 KPT-884

**BEST**

KPT-942  
KPT-1201 or KPT-1200M  
2 KPT-684 or 3 KPT-884

## 150 SEATS

(Approximately 1800 ft<sup>2</sup> or 167 m<sup>2</sup>)

**GOOD**

KPT-325  
KPT-801  
KPT-418 or KPT-684

**BETTER**

KPT-335  
KPT-8000M  
KPT-684 or 2 KPT-884

**BEST**

KPT-904  
KPT-8060H  
2 KPT-684 or 3 KPT-884

## 250 SEATS

(Approximately 3500 ft<sup>2</sup> or 325 m<sup>2</sup>)

**GOOD**

KPT-435  
KPT-1201 or KPT-1200M  
2 KPT-684 or 3 KPT-884

**BETTER**

KPT-942  
KPT-1201 or KPT-1200M  
2 KPT-684 or 3 KPT-884

**BEST**

KPT-942-4  
KPT-1201 or KPT-1200M  
3 KPT-684 or 4 KPT-884

## 300 SEATS

(Approximately 4250 ft<sup>2</sup> or 395 m<sup>2</sup>)

**GOOD**

KPT-942  
KPT-1201 or KPT-1200M  
2 KPT-684 or 3 KPT-884

**BETTER**

KPT-535  
KPT-1201 or KPT-1200M  
2 KPT-684 or 3 KPT-884

**BEST**

KPT-924-4  
KPT-1201 or KPT-1200M  
3 KPT-684 or 4 KPT-884

## 350 SEATS

(Approximately 5000 ft<sup>2</sup> or 465 m<sup>2</sup>)

**GOOD**

KPT-535  
KPT-1201 or KPT-1200M  
3 KPT-684 or 4 KPT-884

**BETTER**

KPT-924-4  
KPT-1201 or KPT-1200M  
3 KPT-684 or 4 KPT-884

**BEST**

KPT-445  
KPT-250 or KPT-1260H  
4 KPT-684 or 6 KPT-884 or 2 KPT-1802-HLS

## 400 SEATS

(Approximately 6000 ft<sup>2</sup> or 557 m<sup>2</sup>)

**GOOD**

KPT-942-4  
KPT-1201 or KPT-1200M  
3 KPT-684 or 4 KPT-884

**BETTER**

KPT-445  
KPT-250 or KPT-1260H  
4 KPT-684 or 6 KPT-884 or 3 KPT-1802-HLS

**BEST**

KPT-535-4  
KPT-250 or KPT-1260H  
4 KPT-684 or 6 KPT-884 or 4 KPT-1802-HLS

## 450 SEATS

(Approximately 7000 ft<sup>2</sup> or 650 m<sup>2</sup>)

**GOOD**

KPT-445  
KPT-250 or KPT-1260H  
4 KPT-684 or 6 KPT-884 or 4 KPT-1802-HLS

**BETTER**

KPT-535-4  
KPT-250 or KPT-1260H  
6 KPT-884 or 4 KPT-1802-HLS

**BEST**

KPT-745  
KPT-250 or KPT-1260H  
5 KPT-684  
8 KPT-884 or 3 KPT-884 or 4 KPT-1802-HLS

## 500 SEATS

(Approximately 8000 ft<sup>2</sup> or 743 m<sup>2</sup>)

**GOOD**

KPT-535-4  
KPT-250 or KPT-1260H  
4 KPT-684  
6 KPT-884 or KPT-1802-HLS

**BETTER**

KPT-745  
KPT-250 or KPT-1260H  
5 KPT-684  
8 KPT-884 or 4 KPT-1802-HLS

**BEST**

KPT-MCM-II  
KPT-250 or KPT-1260H  
5 KPT-684  
8 KPT-884 or KPT-1802-HLS

## 600 SEATS

(Approximately 9000 ft<sup>2</sup> or 836 m<sup>2</sup>)

**GOOD**

KPT-745  
KPT-250 or KPT-1260H  
5 KPT-684  
8 KPT-884 or 4 KPT-1802-HLS

**BETTER**

KPT-MCM-II  
KPT-250 or KPT-1260H  
5 KPT-684  
8 KPT-884 or 4 KPT-1802-HLS





**BEST**

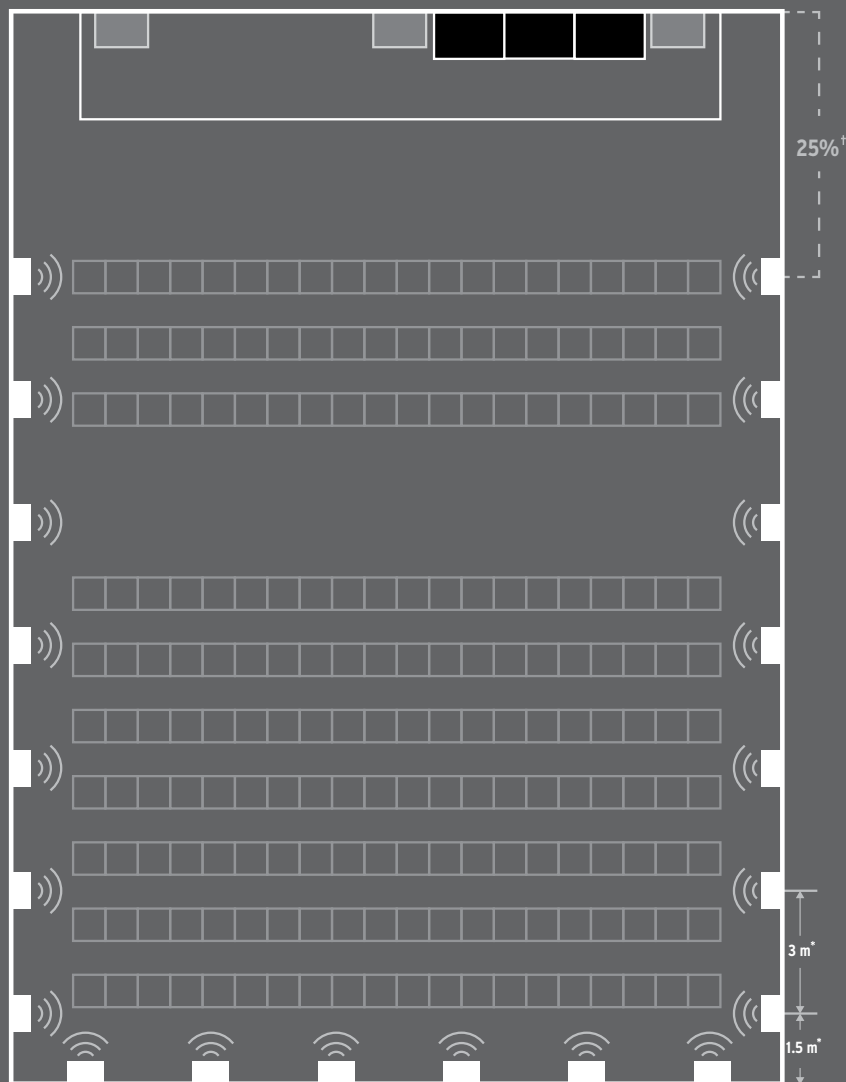
KPT-CINEMA GRANDEUR  
KPT-250 or KPT-396  
5 KPT-684  
8 KPT-884 or 4 KPT-1802-HLS

# STANDARD/SURROUND: SMALLER CINEMA

(200 SEAT EXAMPLE)



	KPT-8000M
	KPT-904
	KPT-884
	100°

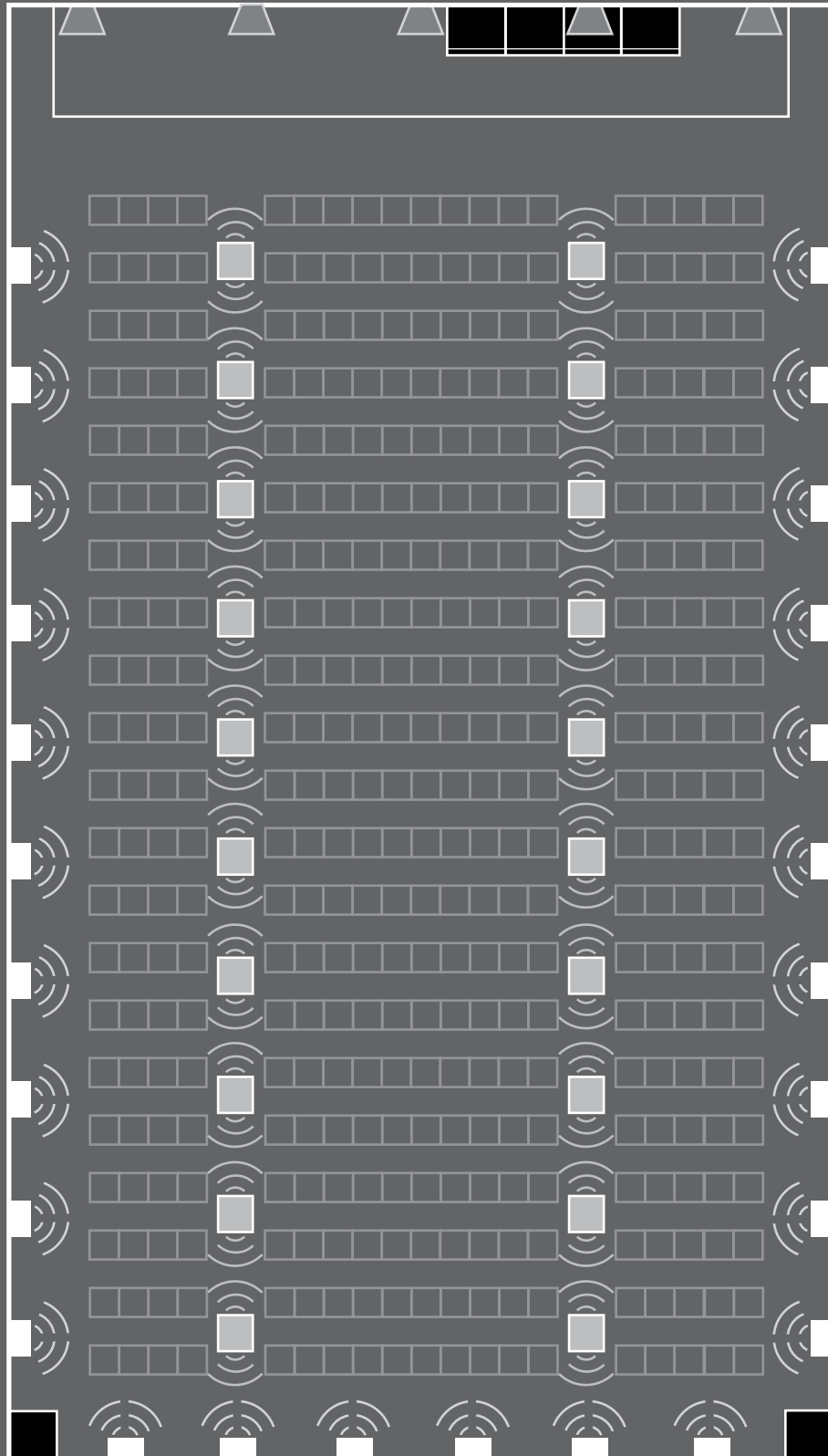


\* ON SIDEWALLS, POSITION SURROUNDS STARTING FROM 1.5 m FROM THE BACK WALL

\*\* PLACE SURROUNDS EVENLY 3m APART FROM EACH OTHER (MEASURING FROM CENTER TO CENTER OF SURROUNDS)








† POSITION LAST SURROUNDS WITHIN 25% (1/4) OF THE THEATER BACK FROM THE SCREEN





## IMMERSIVE SOUND: LARGER CINEMA

(450 SEAT EXAMPLE)

	KPT-1200-VBM
	KPT-1260H (Ceiling mounted)
	KPT-684
	KPT-745
	KPT-1802-HLS
	140°
	90°

# SOUND POWERFUL



**Klipsch**

# SOUND LEGENDARY





# **Klipsch<sup>®</sup>**

**KEEPERS OF THE SOUND<sup>™</sup>**

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