



# Klipsch® THX® Ultra2 System

“★★★★★”



Don't

# say we didn't warn you.

To say the Klipsch THX Ultra2 System delivers mind-blowing intensity, consciousness-altering realism, and soul-stirring magnificence is an understatement. You've never experienced home theater sound so accurate, dynamic, detailed and immersive.

Few professional theaters can match the stunning high-output, low-distortion sound that earned this system the highest THX certification – THX Ultra2. Once you hear it, you'll have to have it.

A photograph of a home theater room. The walls are paneled with light-colored wood, and the ceiling has a starry night sky pattern. Red leather theater-style seats are arranged in rows. Wall-mounted speakers are visible, along with sconces providing warm light. A framed painting hangs on the wall.

Turn home

# theater

The Klipsch THX Ultra2 System draws on our decades of experience as a leading supplier of professional cinema sound systems. From 15-speaker systems for small theaters

A photograph of a theater interior. The walls are made of wood paneling, and the ceiling has recessed lights. Red velvet theater seats are arranged in rows. A painting hangs on the wall to the left, and a speaker is mounted on the wall above the seats. A sconce with two lamps is mounted on the wall to the right. A doorway is visible in the background.

theater into

# theater.

to 40-speaker systems for 750-seat venues, we know how to fill every square inch of a space with extraordinarily intense and realistic sound. How big's your room?





# A one-star upgrade for every movie you own.

The front left-channel, center-channel, right-channel array is the beating heart of every home theater sound system. Our KL-650-THX speakers effortlessly pump THX Ultra2-quality sound through Tractrix® 90° x 60° Horns, raising the efficiency of their 1-inch titanium-dome compression driver tweeters while optimizing radiation patterns. Their dual 6.5-inch woofers feature rigid, low-mass Cerametallic anodized-aluminum cones for exceptionally high output with minimal distortion.

The KL-525-THX with 5.25-inch woofers is also available for smaller rooms.

Either way, your DVDs thank you.



# Get a flak jacket.

240-ounce magnets. Cast aluminum frames. 12-inch Cerametallic cones. Explosive, indeed. KW-120-THX high-output, low-distortion passive subwoofers deliver the room-quaking bottom end today's film soundtracks require, with astonishing clarity and detail.

The external amp and front-ported sub allow maximum installation flexibility, while professional-grade construction and premium components throughout ensure sonic purity, consistency and reliability. Astoundingly intense deep-bass reproduction. Prepare accordingly.



They're creeping up

behind you.

Immerse yourself in Klipsch Wide Dispersion Surround Technology. The KS-525-THX delivers the enveloping surround field of diffuse-radiating speakers as well as the precise effect localization of direct-radiating speakers, with the drawbacks of neither. How? Two 1-inch titanium-dome compression driver tweeters loaded by 5-inch square 90° x 60° Tractrix Horns and two 5.25-inch Cerametallic cone woofers, set on the diagonal to minimize output interference. In other words, if they're out there, you'll hear them.

# Concealed Weapon

Armed with explosive dynamics that won't disrupt your home's décor, the KL-7800-THX in-wall speaker creates dramatic and realistic experiences that rival those found in large movie theaters. Perfect for left, center or right channel use, it commands high output with low distortion through an 8-inch aluminum woofer and 1-inch titanium-dome compression driver tweeter mated to a square 5-inch Tractrix Horn. Mix and match with our other THX Ultra2 products. So powerful, you'll wonder if it's legal.



# Watch Your Back

So stunningly detailed and immersive, the KS-7800-THX surround speaker brings a new dimension of reality to home theater. It produces a smooth, seamless distribution of sound by employing an 8-inch aluminum woofer and two vertically-stacked square Tractrix Horn tweeters in a

Wide Dispersion Surround Technology array.

This no-compromise approach gives this in-wall surround much more placement flexibility than conventional designs.

Use with our other THX Ultra2 products to create a variety of complete systems. Always ready to prey on unsuspecting listeners.



# Reality Check

Most in-ceiling speakers can't "fool" you into believing the sound is coming directly at you, rather than from above. But that's not the case with the KL-7502-THX. It uses a 1-inch tweeter in a patented 60-90-110-degree horn array with Variable Coverage Technology for lifelike detail, powerful impact and excellent localization. All the while, dual 5.25-inch Cerametallic woofers deliver consistent bass response regardless of the installation or ceiling air space. Use as an LCR or a back channel surround. Can you handle the truth?





# Ace in the Hole

Seriously stunning surround sound is what the KS-7502-THX in-ceiling speaker is all about. In fact, it's the first of its kind to achieve THX Ultra2 certification. Dual 1-inch horn-loaded tweeters lie in a patented, vertically stacked Wide Dispersion Surround Technology array, producing enveloping performances and precise localization of individual effects. Dual 5.25-inch Cerametallic woofers deliver intense, heart-pounding bass response that'll have you on the edge of your seat. Your hidden advantage awaits.





Your other two wishes can wait.



### KL-650-THX

Frequency Response	48Hz-20kHz ± 3dB	80Hz-20kHz ± 3dB
Sensitivity	97dB @ 2.83 volts/1 meter	94dB @ 2.83 volts/1 meter
Nominal Impedance	8 ohms compatible	8 ohms compatible
HF Crossover	1400Hz	1500Hz
Power Handling	150 watts maximum continuous (600 watts peak)	100 watts maximum continuous (400 watts peak)
Enclosure Type	Bass reflex via front-firing port	Sealed
Enclosure Material	Medium density fiberboard (MDF)	Medium density fiberboard (MDF)
Tweeter	1" (2.5cm) magnetically shielded, titanium-dome compression driver with 9.6 oz ceramic magnet structure	1" (2.5cm) magnetically shielded, titanium-dome compression driver with 9.6 oz ceramic magnet structure
High-Frequency Horn	10" x 6" rectangular 90° x 60° Tractrix Horn	10" x 6" rectangular 90° x 60° Tractrix Horn
Woofer	Two 6.5" (16.5cm) magnetically shielded, Cerametallic cone, cast aluminum frame drivers	Two 5.25" (13.3cm) magnetically shielded, Cerametallic cone, cast aluminum frame drivers
Input Connections	Two sets of binding post speaker terminals (connected via brass strap jumpers)	Two sets of binding post speaker terminals (connected via brass strap jumpers)
Height	15" (38.1cm)	12.75" (32.4cm)
Width	17" (43.2cm)	16" (40.6cm)
Depth	12.5" (31.8cm) w/grille	12.5" (31.8cm) w/grille
Weight	39 lbs. (17.7kg)	32 lbs. (14.5kg)
Finish	Galaxy Black cabinet with black anodized aluminum fascia	Galaxy Black cabinet with black anodized aluminum fascia
Mounting	4-bolt pattern 1/4"-20 threaded inserts	4-bolt pattern 1/4"-20 threaded inserts



### KL-525-THX

Frequency Response	80Hz-20kHz ± 3dB	80Hz-20kHz ± 3dB
Sensitivity	96dB @ 2.83 volts/1 meter	94dB @ 2.83 volts/1 meter
Nominal Impedance	8 ohms compatible	8 ohms compatible
HF Crossover	2100Hz	2100Hz
Power Handling	100 watts maximum continuous (400 watts peak)	100 watts maximum continuous (400 watts peak)
Enclosure Type	Sealed	Sealed
Enclosure Material	Medium density fiberboard (MDF)	Medium density fiberboard (MDF)
Tweeter	Two 1" (2.5cm) magnetically shielded titanium-dome compression drivers with neodymium magnet structures	Two 1" (2.5cm) magnetically shielded titanium-dome compression drivers with neodymium magnet structures
High-Frequency Horn	5" square 90° x 60° Tractrix Horns	5" square 90° x 60° Tractrix Horns
Woofer	Two 5.25" (13.3cm), Cerametallic cone, cast aluminum frame drivers	Two 5.25" (13.3cm), Cerametallic cone, cast aluminum frame drivers
Input Connections	Two sets of binding post speaker terminals (connected via brass strap jumpers)	Two sets of binding post speaker terminals (connected via brass strap jumpers)
Height	13.75" (35cm)	13.75" (35cm)
Width	13" (33cm)	13" (33cm)
Depth	8.5" (21.6cm)	8.5" (21.6cm)
Weight	20 lbs. (9.1kg)	20 lbs. (9.1kg)
Finish	Galaxy Black cabinet with black anodized aluminum fascia	Galaxy Black cabinet with black anodized aluminum fascia
Mounting	Dual keyholes and 2-bolt pattern 1/4"-20 threaded inserts	Dual keyholes and 2-bolt pattern 1/4"-20 threaded inserts



### KS-525-THX



## The KA-1000-THX: The brains behind the brawn.

The KA-1000-THX subwoofer amp was exclusively designed to deliver THX Ultra2-certified bottom end to our KW-120-THX subs. Output is 2,050 watts into 8 ohms (a single KW-120-THX sub, for example) or 3,025 watts into 4 ohms (two parallel KW-120-THXs). Front panel controls include level, crossover frequency, phase and room-gain compensation. Separating the amp from the woofers maximizes both sound control and installation options. Premium components throughout ensure low-frequency clarity and consistency.



### KW-120-THX

Frequency Response	20Hz-200Hz ± 3dB
Maximum Acoustic Output	130dB @ 30Hz, 122dB @ 20Hz, 112dB @ 15Hz 1/8 space, 1M (2 enclosures side-by-side per THX Ultra2)
Nominal Impedance	8 ohms
Enclosure Type	Bass-reflex via front-firing slot port
Enclosure Material	Medium density fiberboard (MDF)
Amplifier	Use only with KA-1000-THX
Woofer	12" (30.5cm) front-firing, Cerametallic cone, cast aluminum frame driver with a 240 oz ceramic magnet structure
Input	1 Speakon NL2 jack and included cable
Height	20.25" (51.4cm)
Width	17.75" (45.1cm)
Depth	17.75" (45.1cm) w/grille
Weight	80 lbs. (36.3kg)
Finish	Galaxy Black cabinet with black anodized aluminum fascia



### KA-1000-THX

Frequency Response	20Hz-1kHz +0/-3dB
Amplifier	High-Efficiency Class D
Amplifier Power	FTC Rated Power: 500W into 8 ohms, 1000W into 4 ohms, 20Hz-1kHz @ <1.5% THD Dynamic Power*: 2050W into 8 ohms, 3025W into 4 ohms @ 5% THD
Auto Power On	2 second ON delay, 15 minute OFF delay
Low Pass Crossover	Continuously variable from 40Hz-120Hz, 24dB/octave slope above 120Hz (non-THX mode)
Inputs	2 Gold-plated RCA phono jacks
Outputs	2 Gold-plated RCA phono jacks (unfiltered) 2 Speakon® NL2 jacks
Phase	Continuously variable from 0° to 180°
Height	4.75" (12.1cm)
Width	17.5" (44.5cm)
Depth	12.25" (31.1cm)
Weight	27 lbs. (12.3kg)
Finish	Black anodized aluminum
Voltage	110/120 VAC 60Hz
Export Voltage	230 VAC 50/60Hz
Features	THX On/Off Boundary Gain Compensation On/Off Use only with KW-120-THX

\*Dynamic power indicates the actual power this amplifier will deliver to the woofer under normal operating conditions. While the FTC power rating indicates power available on a continuous, long-term basis, subwoofers do not rely on that type of power. Instead, the amplifier is called upon to deliver large, short-term peaks of power to be able to support the wide dynamics required by today's digital music and movie formats. In addition to the required FTC power rating, we've provided the dynamic power rating as a better indication of the product's true performance.



### KL-7800-THX

Frequency Response	80Hz-20kHz ± 3dB	80Hz-20kHz ± 3dB
Sensitivity	91dB @ 2.83 volts/1 meter	94dB @ 2.83 volts/1 meter
Nominal Impedance	8 ohms compatible	8 ohms compatible
HF Crossover	2300Hz	2130Hz
Power Handling	150 watts maximum continuous (600 watts peak)	100 watts maximum continuous (400 watts peak)
Enclosure Type	Sealed MDF baffle, ABS shell	Sealed MDF baffle, ABS shell
Tweeter	1" (2.5cm) magnetically shielded, titanium-dome compression driver with 9.6 oz ceramic magnet structure	Two 1" (2.5cm) magnetically shielded, titanium-dome compression drivers with neodymium magnet structures
High-Frequency Horn	Square 80° x 80° Tractrix Horn	Patent-pending WDST Tractrix Horn array
Woofer	One 8" (20.3cm) Cerametallic cone, cast aluminum frame driver	One 8" (20.3cm) Cerametallic cone, cast aluminum frame driver
Input Connections	One set of gold-plated, spring-loaded speaker terminals	One set of gold plated, spring loaded speaker terminals
Dimensions	20.75" (52.7cm) H x 11.8" (29.8cm) W	20.75" (52.7cm) H x 11.8" (29.8cm) W
Cutout Dimensions	19" (48.3cm) H x 10" (25.4cm) W	19" (48.3cm) H x 10" (25.4cm) W
Mounting Depth	3.7" (9.4cm)	3.7" (9.4cm)
Weight	17.5 lbs. (7.9kg)	17 lbs. (7.7kg)
Finish	Paintable white frame (brushed aluminum fascia)	Paintable white frame (brushed aluminum fascia)



### KL-7502-THX

Frequency Response	45Hz-20kHz ± 3dB	45Hz-20kHz ± 3dB
Sensitivity	93dB @ 2.83V / 1m	93dB @ 2.83V / 1m
Nominal Impedance	8 ohms compatible	8 ohms compatible
HF Crossover	1800Hz & 1200Hz	2500Hz
Power Handling	100W continuous / 400W peak	100W continuous / 400W peak
Recommended Amplifier Power	150W	150W
Enclosure Type	Bass-reflex via front-firing port	Bass-reflex via front-firing port
HF Drivers	1" (2.5cm) Titanium diaphragm compression driver mated to 60° - 90° - 110° VCT variable coverage technology skewed horn	Dual 1" (2.5cm) Titanium diaphragm compression drivers mated to WDST™ Tractrix® Horn Array One 8" (20.3cm) Cerametallic cone, cast
LF Drivers	Dual 5.25" (13.3cm) high-output, Cerametallic™ cone woofers	Dual 5.25" (13.3cm) high-output, Cerametallic™ cone woofers
Input Connections	One set of gold-plated, spring-loaded speaker terminals	One set of gold-plated, spring-loaded speaker terminals
Dimensions	15.25" (38.7cm) dia	15.25" (38.7cm) dia
Cutout Dimensions	13.25" (33.7cm) dia	13.25" (33.7cm) dia
Mounting Depth	9.5" (24.1cm)	9.5" (24.1cm)
Weight	12lbs. (5.4kg)	11lbs. (5kg)
Finish	Paintable white frame (brushed aluminum fascia)	Paintable white frame (brushed aluminum fascia)

\*Dynamic power indicates the actual power this amplifier will deliver to the woofer under normal operating conditions. While the FRC power rating indicates power available in a continuous, long term basis, subwoofers do not rely on that type of power. Instead, the amplifier is called upon to deliver large, short-term peaks of power to be able to support the wide dynamics required by today's digital music and movie formats. In addition to the required FRC power rating, we've prioritized the dynamic power rating as a better indication of the product's true performance.



"I hear more detail in dialogue from movie soundtracks than I have ever heard before...the KS-525 surround speaker produces the most enveloping and detailed surround sound I have ever experienced in my home. The sound quality I hear from DVDs easily surpasses that of the majority of the movie theaters I have visited...an extremely well-designed, meticulously engineered and thoughtfully executed speaker system."

– Alex Gonzalez, *Robb Report Home Entertainment*

"Hallelujah! A custom-installation speaker package even an audiophile can love...up to 10 times more efficient than the average speaker...massive dynamics and high volume without strain. The low-frequency assaults seemed to take on a palpable feel-it-in-your-chest percussive quality. The bass articulation and room-energizing powers of the twin 12-inch woofers were extraordinary. The complete 7.1 dual-subwoofer package delivers awesome sound quality and quantity that surpasses systems that cost many times the THX Ultra2's price."

– Steve Guttenberg, *Home Theater*

"The Klipsch THX Ultra2 delivers a pleasing and powerful performance that is in competition with theater sound. The accuracy of this system is excellent and the sibilance and timbre of each channel is matched around the room."

– John Duriat, Senior Director of Quality Assurance, *Regal Entertainment Group*

"The Klipsch THX Ultra2 home theater package is phenomenal. It is so powerful and the frequency response is so wide that it could be used as a commercial theater system and bring mind-blowing performances to small and medium auditoriums."

– Michael Thomson, Vice President of Operations and Technology, *Malco Theaters*



Power. Detail. Emotion.<sup>TM</sup>

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