



*loudspeaker
systems*

Founded in 1981, KSI Professional has built and earned an enviable reputation for product excellence and dependability as a manufacturer of premium quality products for the professional audio visual industry. Our years of experience and time honored manufacturing techniques create products that are both reliable and innovative.

Corporations, governments, educational organizations, architects and consultants continue to specify and use KSI products for their most demanding installations. Our customers understand and appreciate the KSI commitment to quality and service.

Our philosophy is a simple one: to provide our customers with premium quality products, experience, knowledge and service. With that, the choice is obvious.



*lecterns and
presentation
systems furniture*



innovative

For more than 20 years, KSI Professional has been manufacturing professional loudspeaker systems known for their unique style, accurate acoustical design and unsurpassed performance. Today's digital audio visual systems require even more from your loudspeakers. Our state-of-the-art manufacture and design technology assures you that KSI loudspeakers will meet and exceed your highest expectations.

Thousands of KSI Professional loudspeaker systems have been installed successfully in many of the world's top corporations, government facilities, institutions of higher learning and private residences.

KSI's continuing goal for the excellence in the reproduction of sound cannot be duplicated, so by insisting that KSI loudspeaker systems are installed in your part of the world, your ears will be very content indeed.

KSI Professional Loudspeaker Systems

S E R I E S I I I

Series III KSI Loudspeakers utilize State-of-the-art Components

All KSI Series III Loudspeakers share the same components allowing them to be used in perfect unison with each other. Our 5.25" through 8" bass mid transducers offer smooth midrange performance with powerful bass response through the use of our optimally tuned passive radiators. 10" through 15" transducers offer solid powerful bass response in optimally tuned vented enclosures. High frequencies are handled by 1" soft dome, 1" titanium and 25mm horn loaded fabric dome transducers. When combined with premium grade crossover devices and rock solid cabinet construction, all KSI loudspeakers offer unbelievable sound quality, wide and even dispersion, very wide frequency response and high power capacity.

Series III 2x2 Grid Ceiling Mount Loudspeakers

For Ceiling grid installations, KSI's systems offers smooth and powerful performance. From our 12-1C subwoofer to our best selling 8081-CS, KSI Series III high fidelity 2x2 ceiling loudspeakers give you a wide range of choices for lecture halls, conference rooms, a-v theatres, and any installation demanding superb sound quality with pleasing architectural appearance.

All KSI 2x2 ceiling loudspeakers are engineered with the "quietest" backboxes in the industry. This is essential in noise sensitive environments with open ceilings. All KSI 2x2 loudspeakers come complete with an acoustically transparent grille and the easy to install package is delivered completely assembled to save you time and money.

Series III Wall Mount Loudspeakers

When upscale facilities require high end wall mount loudspeakers, KSI Series III loudspeakers are the solution for superb performance. Our retrofit wall mount systems are designed to quickly and easily install in drywall and other flat substrates. Preconstruction models feature our "quiet" backboxes yielding the same high end performance as our ceiling mount and near field loudspeakers. After installation, only the grille is visible assuring a sleek, clean appearance. From corporate to retail to private residences, KSI Series III wall mount loudspeakers provide outstanding sound quality with easy installation and pleasing architectural appearance.

Series III Near Field Loudspeakers

Using the same premium components as our other loudspeakers, KSI's Near Field Loudspeakers were developed to meet the demands of today's digital technology. KSI's solution is ideal for any installation demanding superb sound quality and high performance. Audio visual theatres, high tech conference rooms and private residences are great benefactors of KSI's Near Field Loudspeakers.

Series III Low Frequency Loudspeakers

KSI low frequency loudspeakers are right at home for special effects and audio visual theatres to church organs and any application requiring high output solid bass response. All enclosures are heavily braced with internal stiffeners yielding a rigid, tight cabinet, so critical for accurate low frequency reproduction.

Features

Applications

- Unbelievable Audio Performance
- High Power Capacity
- Wide and Even Dispersion
- Very Wide Frequency Response
- Ready to Install
- Grille Included

- Corporations
- A-V Theaters & Surround Sound
- Schools & Universities
- Government Installations
- Retail Establishments



8081-CSD

Frequency Response	48-20,000 HZ +/- 3db
Sensitivity	92 db 1w/1m
Power, Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofers	8"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	10" passive radiator
Dimensions HxWxD	23.625" x 23.625" x 10"
Weight	24lbs



8081-CSDHP

Frequency Response	48-20,000 HZ +/- 3db
Sensitivity	93 db 1w/1m
Power, Watts	125 RMS 200 Program
Impedance	8 Ohms
Woofers	8"/1.5" v.c. Cast frame
Tweeter	25mm horn loaded Fabric Dome
Tuning	10" passive radiator
Dimensions HxWxD	23.625" x 23.625" x 10"
Weight	28lbs



12-1C

Frequency Response	40-250 HZ +/- 3db
Sensitivity	93 db 1w/1m
Power, Watts	150 RMS 290 Program
Impedance	8 Ohms
Woofers	12"/2" v.c.
Tuning	Optimally Vented
Dimensions HxWxD	23.625" x 23.625" x 10"
Weight	32lbs



6061-CS

Frequency Response	50-20,000 HZ +/- 3db
Sensitivity	91 db 1w/1m
Power, Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofers	6.5"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	8" passive radiator
Dimensions HxWxD	23.625" x 23.625" x 4"
Weight	21lbs



8081-CS

Frequency Response	48-20,000 HZ +/- 3db
Sensitivity	92 db 1w/1m
Power, watts	50 RMS 100 Program
Impedance	8 Ohms
Woofers	8"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	10" passive radiator
Dimensions HxWxD	23.625" x 23.625" x 5.5"
Weight	24lbs



8081-CSHP

Frequency Response	45-20,000 HZ +/- 3db
Sensitivity	93 db 1w/1m
Power, Watts	125 RMS 200 Program
Impedance	8 Ohms
Woofers	8"/1.5" v.c. Cast frame
Tweeter	25mm horn loaded Fabric Dome
Tuning	10" passive radiator
Dimensions HxWxD	23.625" x 23.625" x 5.5"
Weight	28lbs

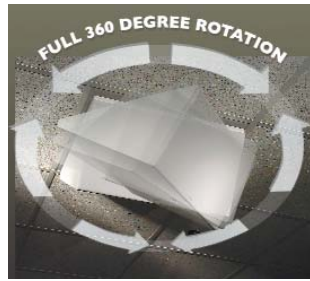
KSI 2x2 Ceiling Mount Loudspeakers

SERIES III



6061-CSD

Frequency Response	50-20,000 HZ +/- 3db
Sensitivity	91 db 1w/1m
Power, Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofer	6.5"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	8" passive radiator
Dimensions HxWxD	23.625" x 23.625" x 8"
Weight	23lbs



8081-CSD-SW

Frequency Response	48-20,000 HZ +/- 3db
Sensitivity	92 db 1w/1m
Power, Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofer	8"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	10" passive radiator
Dimensions HxWxD	23.625" x 23.625" x 10"
Weight	26lbs



101-CSHP

Frequency Response	42-20,000 HZ +/- 3db
Sensitivity	94 db 1w/1m
Power, Watts	125 RMS 200 Program
Impedance	8 Ohms
Woofer	10"/2" v.c. Cast frame
Tweeter	25mm horn loaded Fabric Dome
Tuning	Optimally Vented
Dimensions HxWxD	23.625" x 23.625" x 7"
Weight	30lbs



801-C

Frequency Response	55-20,000 HZ +/- 4db
Sensitivity	92 db 1w/1m
Power, watts	40 RMS 80 Program
Impedance	8 Ohms
Woofer	8"/1" v.c.
Tweeter	1" Fabric Dome
Tuning	none
Dimensions HxWxD	23.625" x 23.625" x 3.5"
Weight	12lbs

INSTALLATION OF MODELS C, CS & CSHP



Remove two ceiling tiles.



Place the grille into the first opening.



Screw on the supplied hooks.



Slide the loudspeaker onto the grille.



Wire the loudspeaker and connect to the structure above. See Note.



Replace the second tile.

INSTALLATION OF MODELS CSD & CSDHP



Remove two ceiling tiles.



Screw on the supplied hooks.



Slide the loudspeaker through the opening. Make sure that it fits flush.



Wire the loudspeaker and connect to the structure above. See Note.



Snap on the grille and replace the second tile.

NOTE: You must make sure that electrical connections meet all local codes. Make absolutely sure that the loudspeaker is securely attached to the grid and structure above.



FIRE Retardant

All Series III ceiling loudspeakers are also available fabricated from UL listed fire retardant particle board. Typical lead time for KSI's FR loudspeakers is 1 week.

www.ksipro.com

Applications Features

- Unbelievable Audio Performance
- High Power Capacity
- Wide and Even Dispersion
- Ready to Install
- Wall and Ceiling Mount
- Grille Included

- Corporations
- A-V Theaters & Surround Sound
- Schools & Universities
- Government Installations
- Residential Installations



501-WM

Frequency Response	60-20,000 HZ +/- 4db
Sensitivity	90 db 1w/1m
Power, Watts	50 RMS 90 Program
Impedance	8 Ohms
Woofer	5.25"/1.25" v.c.
Tweeter	1" Titanium Dome
Dimensions HxWxD	11.5" x 7.5" x 2.5"
Weight	4lbs



601-WM

Frequency Response	55-20,000 HZ +/- 4db
Sensitivity	91 db 1w/1m
Power, Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofer	6.5"/1.5" v.c.
Tweeter	1" Titanium Dome
Dimensions HxWxD	13.5" x 8.5" x 2.5"
Weight	5lbs



501-WMBB

Frequency Response	55-20,000 HZ +/- 3db
Sensitivity	90 db 1w/1m
Power, Watts	50 RMS 90 Program
Impedance	8 Ohms
Woofer	5.25"/1.25" v.c.
Tweeter	1" Titanium Dome
Tuning	8" passive radiator
Backbox Grille	22.5" x 14" x 3.5" 18" x 10"
Weight	21lbs



601-WMBB

Frequency Response	50-20,000 HZ +/- 3db
Sensitivity	91 db 1w/1m
Power, Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofer	6.5"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	8" passive radiator
Backbox Grille	26" x 14" x 3.5" 21" x 10"
Weight	24lbs



801-WMBB

Frequency Response	48-20,000 HZ +/- 3db
Sensitivity	92 db 1w/1m
Power, Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofer	8"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	10" passive radiator
Backbox Grille	32" x 14" x 5.5" 24.5" x 12.5"
Weight	28lbs



811-WMBB

Frequency Response	45-20,000 HZ +/- 3db
Sensitivity	93 db 1w/1m
Power, Watts	125 RMS 200 Program
Impedance	8 Ohms
Woofer	8"/1.5" v.c. Cast frame
Tweeter	25mm horn loaded Fabric Dome
Tuning	10" passive radiator
Backbox Grille	32" x 14" x 5.5" 24.5" x 12.5"
Weight	28lbs

KSI Wall & Ceiling Mount Loudspeakers

SERIES III




801-WM

Frequency Response	50-20,000 HZ +/- 4db
Sensitivity	92 db 1w/1m
Power, Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofer	8"/1.5" v.c.
Tweeter	1" Titanium Dome
Dimensions HxWxD	15.5" x 10.5" x 3.5"
Weight	7lbs



811-WM

Frequency Response	45-20,000 HZ +/- 4db
Sensitivity	93 db 1w/1m
Power, watts	125 RMS 200 Program
Impedance	8 Ohms
Woofer	8"/1.5" v.c. Cast Frame
Tweeter	25mm Horn Loaded Fabric Dome
Dimensions HxWxD	15.5" x 10.5" x 3.5"
Weight	12lbs



811-SBWM

Frequency Response	40-500 HZ +/- 3db
Sensitivity	93 db 1w/1m
Power, Watts	125 RMS 200 Program
Impedance	8 Ohms
Woofer	8"/2" v.c. Cast frame
Tweeter	None
Tuning	10" passive radiator
Backbox Grille	32" x 14" x 5.5" 24.5" x 12.5"
Weight	27lbs



See page 11 for transformers to be used with premium distributed systems.



FIRE Retardant

All Series III ceiling loudspeakers are also available fabricated from UL listed fire retardant particle board. Typical lead time for KSI's FR loudspeakers is 1 week.

Unsure about how to design your system?

Call us, we'll help you design the system that is right for your environment.

INSTALLATION OF RETROFIT MODELS WITH KSI CONTINUOUS COMPRESSION CLAMPS



Tape the template to the desired area. Cut the drywall for the selected model.



Fish the wire and add fiberglass.



Wire the loudspeaker. See Note.



Slip the loudspeaker into the opening.



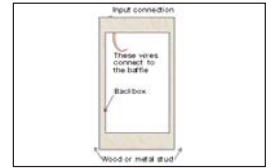
Tighten the clamps.



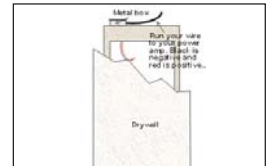
Snap on the grille.

NOTE: You must make sure that electrical connections meet all local codes. Make absolutely sure that the loudspeaker is securely attached to the grid and structure above.

INSTALLATION OF PRECONSTRUCTION MODELS WITH SEALED BACK BOXES



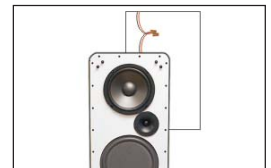
Mount the backbox between 2 studs. 16" on center.



Use a metal box and make the wire connection to the backbox. You can drywall over the backbox.



Cut the opening in the drywall to expose the backbox.



Holding the baffle, use the wire nuts to connect the baffle to the internal wires.



Screw the baffle into the backbox.



Snap on the grille.

KSI High Fidelity Near Field Loudspeakers

SERIES III

Features
Applications

- Accurate Reproduction
- Wide and Even Dispersion
- Fully Shielded on the 501-SH
- Cost Effective
- Free Standing — Plug in and enjoy!
- Gold Plated Dual Binding Posts

- Foreground Music Systems
- Corporate Board Rooms
- Government Installations
- Houses of Worship
- Hotels & Airports
- Home Theater Systems



501-SH

Frequency Response	55-20,000 HZ +/- 3db
Sensitivity	90 db 1w/1m
Power Watts	50 RMS 90 Program
Impedance	8 Ohms
Woofer	5.25"/1.25" v.c.
Tweeter	1" Titanium Dome
Tuning	8" passive radiator
Dimensions HxWxD	18" x 8.5" x 7.5"
Weight	14lbs



601

Frequency Response	50-20,000 HZ +/- 3db
Sensitivity	91 db 1w/1m
Power Watts	50 RMS 90 Program
Impedance	8 Ohms
Woofer	6.5"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	8" passive radiator
Dimensions HxWxD	19.5" x 8.5" x 8"
Weight	16lbs



801

Frequency Response	48-20,000 HZ +/- 3db
Sensitivity	92 db 1w/1m
Power Watts	50 RMS 100 Program
Impedance	8 Ohms
Woofer	8"/1.5" v.c.
Tweeter	1" Titanium Dome
Tuning	10" passive radiator
Dimensions HxWxD	23" x 11" x 10"
Weight	24lbs



811-HP

Frequency Response	45-20,000 HZ +/- 3db
Sensitivity	93 db 1w/1m
Power, Watts	125 RMS 200 Program
Impedance	8 Ohms
Woofer	8"/1.5" v.c. cast frame
Tweeter	25mm horn loaded fabric dome
Tuning	10" passive radiator
Dimensions HxWxD	23" x 11" x 10"
Weight	28lbs



Our wall mount brackets make mounting any of our near field loudspeakers fast and safe. They may be ordered pre-mounted or may be mounted in the field.

KSI Low Frequency Loudspeakers

SERIES III

Features

- Premium Audio Performance
- Extended Frequency Response
- High SPL Output
- High Power Capacity
- Optimum Tuned Enclosure
- Fully Assembled

Applications

- Foreground Music Systems
- Corporate Board Rooms
- Government Installations
- Special Effects
- Surround Sound Systems



12-1S

Frequency Response	40-250 HZ +/- 3db
Sensitivity	93 db 1w/1m
Power, Watts	150 RMS 290 Program
Impedance	8 Ohms
Woofer	12" cast frame 2" voice coil
Tuning	3" tuned port
Dimensions HxWxD	23.625" x 23.625" x 10"
Weight	48 lbs



12-2S

Frequency Response	40-800 HZ +/- 3db
Sensitivity	95 db 1w/1m
Power, Watts	300 RMS 580 Program
Impedance	4 Ohms
Woofer	2-12" cast frame w/ 2" voice
Tuning	coil
Dimensions HxWxD	20" x 33" x 18"
Weight	79 lbs



15-1S

Frequency Response	35-500 HZ +/- 3db
Sensitivity	92 db 1w/1m
Power, Watts	200 RMS 350 Program
Impedance	8 Ohms
Woofer	15" w/ 2.5" voice coil
Tuning	optimally vented tuned port
Dimensions HxWxD	24" x 22" x 22.5"
Weight	72 lbs



15-2S

Frequency Response	35-500 HZ +/- 3db
Sensitivity	90 db 1w/1m
Power, Watts	400 RMS 700 Program
Impedance	4 Ohms
Woofer	2-15" w/ 2.5" voice coil
Tuning	optimally vented tuned port
Dimensions HxWxD	24" x 44" x 22"
Weight	115 lbs



210-S

Frequency Response	41-290 HZ +/- 4db
Sensitivity	94 db 1w/1m
Power, Watts	200 RMS 300 Program
Impedance	4 Ohms
Woofer	2-10" w/ 2.5" voice coil
Tuning	optimally vented tuned port
Dimensions HxWxD	28" x 18" x 15"
Weight	78 lbs



25 & 70.7 Volt Transformers

SERIES III

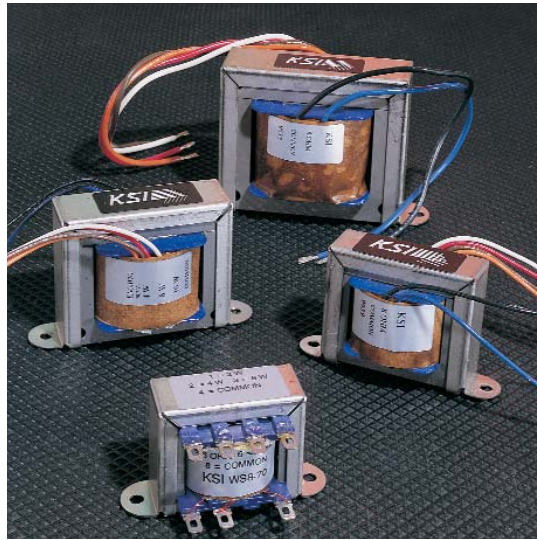
FOR PREMIUM DISTRIBUTED AUDIO SYSTEMS

Features

- Premium Audio Performance
- Wide Frequency Response
- Very Low Insertion Loss
- Up to 100 watts
- A Must for KSI Loudspeakers

KSI audio transformers are designed for use in both 25 and 70.7 volt distributed sound systems. Heavy steel cores assure very low distortion and wide frequency response. This is essential, as our transformers will not degrade the high performance found in all KSI loudspeakers. Compared to small cheap transformers from other manufactures, KSI transformers are of consistent and high quality, providing you with top audio performance for all of your distributed sound systems. Our ELT series provides exceptional performance by offering extended low frequency response.

The response over the entire range only varies by only 1 db!! KSI offers a full selection of sizes for any installation.



TRANSFORMER SPECIFICATIONS

25 Volt line

T25-8	T25-15	T25-30	T25-60	T25-100
ELT25-8	ELT25-15	ELT25-30	ELT25-60	ELT25-100

70 Volt line

T70-8	T70-15	T70-30	T70-60	T70-100
ELT70-8	ELT70-15	ELT70-30	ELT70-60	ELT70-100

Primary Taps Watts

2,4,8	5,10,15	10,20,30	20,40,60	25,50,100
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Frequency response

T series/ 50-15000 Hz +/- 3db
 ELT series/ 30-15000 Hz +/- 1db

Insertion loss

All transformers .5db

Secondary impedance

All transformers 4 & 8 ohms