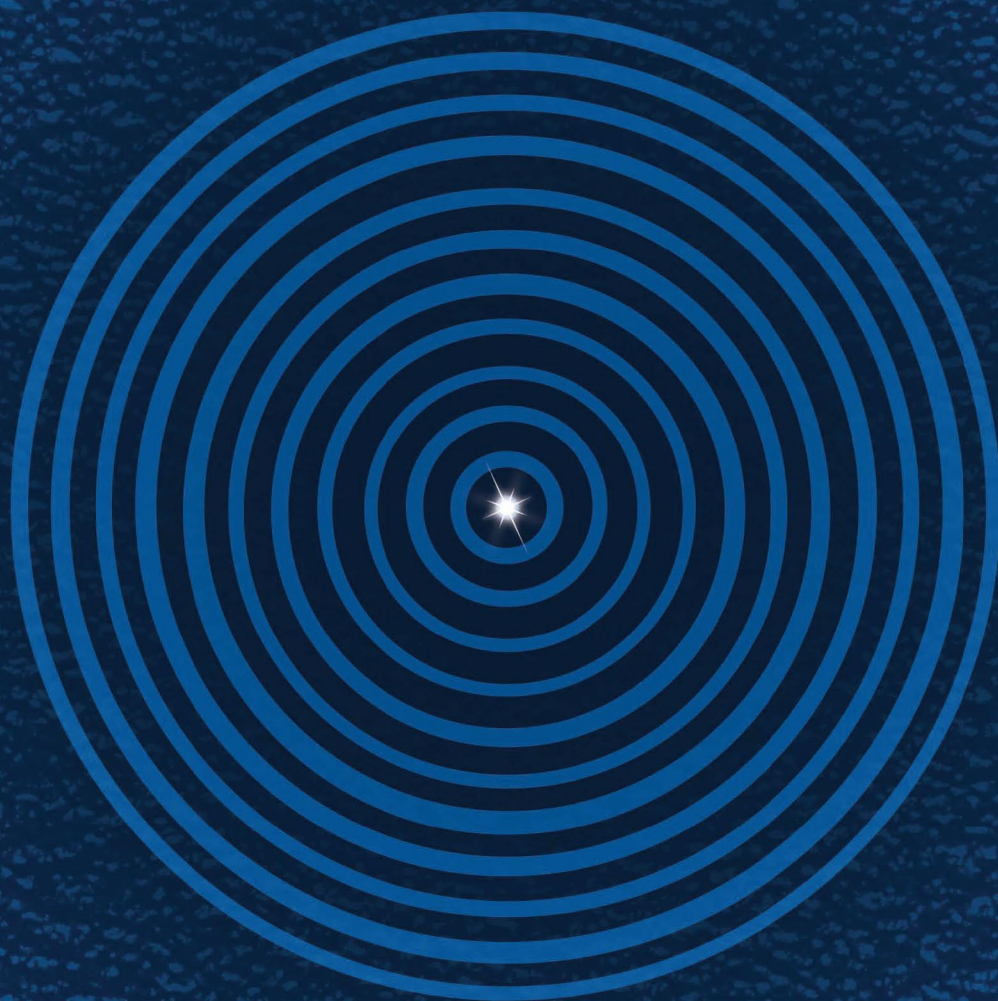


HOMEAUDIO

pulz[®]



POINT SOURCE SERIES

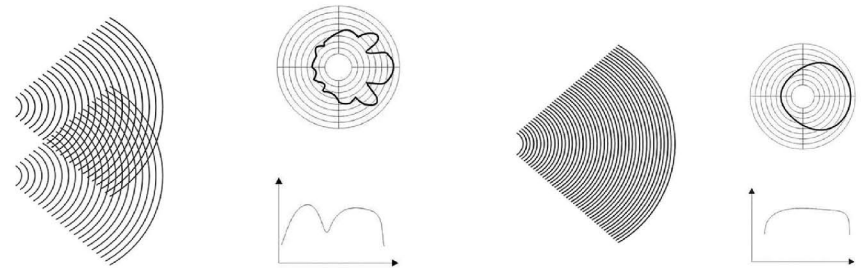


Point Source Coaxial Technology

Classical arrangement of 2-Way loudspeakers consists of separate transducers positioned on a common front baffle, displaced either vertically or horizontally. However, in the typical crossover frequency region, due to the difference in path lengths between the listening point and the two separate sources, spatial frequency summation cannot be homogeneous.

Point Source Coaxial Technology with concentrically aligned woofer and tweeter eliminates this problem and creates a perfectly homogeneous acoustic field horizontally as well as vertically.

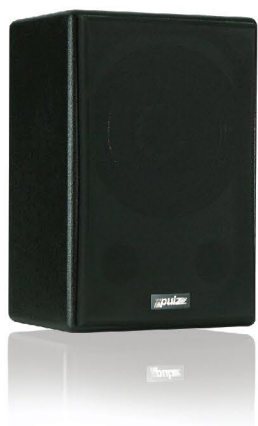
The advantages of the point source coaxial approach include: total wave front coherency at all frequencies and dispersion characteristics that are free of polar lobing, typical of traditional horn and woofer combinations. The net result is a natural, studio monitor like sound quality and uniform frequency coverage of the listeners area.



Conventional design: 2 horn 3 way system

Pulz design: Point Source System

CX10SMP



FEATURES

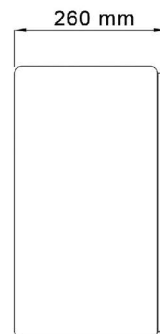
- High performance coaxial driver
- 90° conical dispersion
- High SPL
- Smooth frequency response on and off axis
- Professional construction
- High quality components

The Pulz CX10 SMP loudspeaker is a versatile system that is designed for high quality home theatres and studio monitors. The CX10 SMP is a passive 2-Way loudspeaker containing a 1" exit compression driver assembled in a true point source coaxial configuration along with a 10" Low-Mid frequency driver providing a conical 90° dispersion.

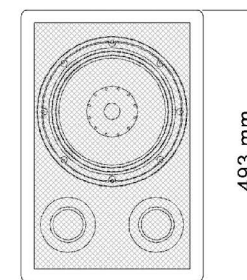
Further advantages of the coaxial approach include: single point source radiation, total wavefront coherency at all frequencies and superimposed LF/HF dispersion characteristics that are free of polar lobing effects typical of traditional horn and woofer combinations. The net result is natural, studio monitor level sound quality that is ideal for proximity use.

SPECIFICATIONS:

Frequency Response:	55Hz to 20kHz
Power Rating:	150W AES, 600W peak
Sensitivity:	96.7dB @ 1W/1m
Maximum SPL:	118dB continuous, 124dB peak @ 1m
Low Frequency Driver:	10" (250 mm) Low-Mid driver with coaxial entry
High Frequency Driver:	1" (25 mm) voice coil compression driver mounted coaxially
Crossover:	2.5kHz Passive, Air core inductors, MKP capacitors, Wire wound resistors
Dispersion:	90° conical
Finish:	Black impact resistant structured coating
Connector:	Push type binding post, cable upto 4 mm diameter
Enclosure:	15 mm MDF vented enclosure with acoustically transparent black fabric grill
Dimensions (H X W X D):	493 mm X 330 mm X 260 mm (19" X 13" X 10.2")
Net Weight:	14 kg (31 lb)
Packed Weight:	16.5 kg (36 lb)



SIDE VIEW

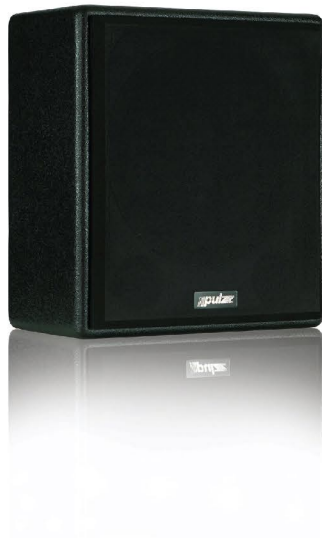


FRONT VIEW



TOP VIEW

CX12SMP



FEATURES

- High performance coaxial driver
- 90° conical dispersion
- High SPL
- Smooth frequency response on and off axis
- Professional construction
- High quality components

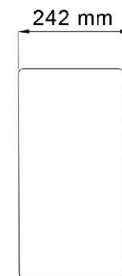
The Pulz CX12 SMP loudspeaker provides a high quality high performance speaker system for behind the screen home theatre systems

The CX12 SMP incorporates true point source technology and is a 2-Way passive loudspeaker containing a 1" exit compression driver assembled in a coaxial configuration along with a 12" LF driver providing a conical 90° opening.

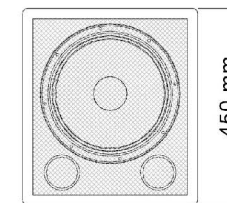
Further advantages of the coaxial approach includes a single point source radiation, total wave front coherency at all frequencies and superimposed LF/HF dispersion characteristics are free of the polar lobing effects typical of traditional horn and woofer combinations. The net result is natural studio monitor level sound quality that is ideal for proximity use.

SPECIFICATIONS:

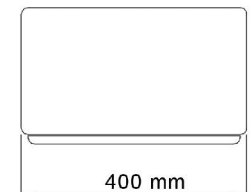
Frequency Response:	65Hz to 20kHz
Power Rating:	400W AES, 1600W peak
Sensitivity:	98dB @ 1W/1m
Maximum SPL:	124dB continuous, 130dB peak @1m
Low Frequency Driver:	12" (308 mm) Low-Mid driver with coaxial entry
High Frequency Driver:	1.5" (38 mm) voice coil compression driver mounted coaxially
Crossover:	2kHz Passive, Air core inductors, MKP capacitors, Wire wound resistors
Dispersion:	90° conical
Finish:	Black impact resistant structured coating
Connector:	Push type binding post, cable upto 4 mm diameter
Enclosure:	15 mm MDF vented enclosure with acoustically transparent black fabric grill
Dimensions (H X W X D):	450 mm X 400 mm X 242 mm (17.7" X 15.8" X 9.5")
Net Weight:	16 kg (35 lb)
Packed Weight:	19 kg (42 lb)



SIDE VIEW

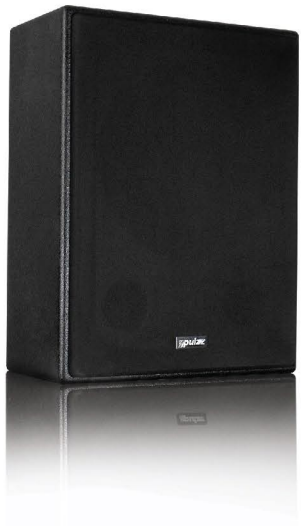


FRONT VIEW



TOP VIEW

CX15SMP



FEATURES

- High performance coaxial driver
- 90° conical dispersion
- High SPL
- Smooth frequency response on and off axis
- Professional construction
- High quality components

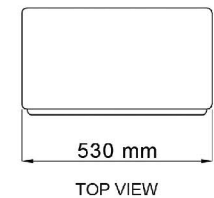
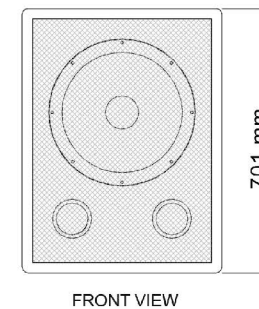
The Pulz CX15 SMP loudspeaker provides a high quality high performance speaker system for behind the screen home theatre systems and preview theatres

The CX15 SMP incorporates true point source technology and is a 2-Way passive loudspeaker containing a 1" exit compression driver assembled in a coaxial configuration along with a 15" LF driver providing a conical 90° opening.

Further advantages of the coaxial approach includes a single point source radiation, total wave front coherency at all frequencies and superimposed LF/HF dispersion characteristics are free of the polar lobing effects typical of traditional horn and woofer combinations. The net result is natural studio monitor level sound quality that for dedicated Home theatres and preview theatres

SPECIFICATIONS:

Frequency Response:	50Hz to 20kHz
Power Rating:	500W AES, 2000W peak
Sensitivity:	98dB @ 1W/1m
Maximum SPL:	125dB continuous, 131dB peak @ 1m
Low Frequency Driver:	15" (380 mm) Low-Mid driver with coaxial entry
High Frequency Driver:	1.75" (44 mm) voice coil compression driver mounted coaxially
Crossover:	1.3kHz Passive, Air core inductors, MKP capacitors, Wire wound resistors
Dispersion:	90° conical
Finish:	Black impact resistant structured coating
Connector:	Push type binding post, cable upto 4 mm diameter
Enclosure:	18 mm MDF vented enclosure with acoustically transparent black fabric grill
Dimensions (H X W X D):	701 mm X 530 mm X 298 mm (27.6" X 21" X 11.7")
Net Weight:	33 kg (73 lb)
Packed Weight:	38 kg (84 lb)



CSX5



FEATURES

- Convenient mounting options
- High performance coaxial driver
- 90° conical dispersion
- High SPL
- Smooth frequency response on and off axis
- Professional construction
- High quality components

The Pulz CSX5 Surround Speaker System is designed to reproduce immersive audio soundtracks faithfully in preview theatres, studios and prestige home theatres. Powered with a 5" high sensitivity low distortion woofer and 1" voice coil compression driver of European origin, CSX5 is capable of reproducing very high SPL and uniform dispersion throughout the auditorium. In the conventional preview theatre and studio surround speaker systems, multiple drivers are aligned either vertically or horizontally. This design may produce off axis lobes and uneven frequency response. The Pulz 5" driver with coaxially mounted HF unit on the other hand is coherent and produces smooth on and off axis frequency response.

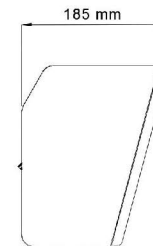
A sophisticated passive crossover with close tolerance components ensures seamless integration of low and high frequency drivers. The closed type enclosure is CAD optimized for precise low frequency loading. The geometry of the acoustically transparent grill minimizes diffraction. Heavy duty spring loaded terminal posts facilitates convenient and secure connectivity at site.

The shape of CSX5 allows it to be wall mounted with a 15° downward angle. The enclosure is equipped with various mounting options to place it directly on the wall or mount it with optional C-bracket to achieve ±45° tilts in 9° increments. Additional security hooks are provided to ensure additional safety when mounting the system on ceiling. The heavy duty MDF enclosure is finished with abrasion resistant textured paint.

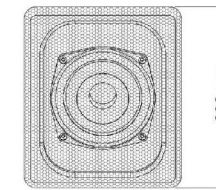
The Pulz CSX5 incorporates advanced technology driver and components to deliver dynamic, high SPL and wide dispersion sound into small preview theatres, studios and prestige home theatres as to reproduce ambience and effects.

SPECIFICATIONS:

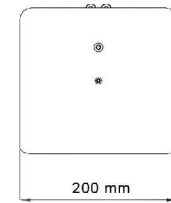
Frequency Response:	100Hz to 20kHz
Power Rating:	150W AES, 600W peak
Sensitivity:	92.5dB @ 1W/1m
Maximum SPL:	114dB continuous, 120dB peak @ 1m
Nominal Impedance:	8Ω
Low Frequency Driver:	5" (125 mm) Low-Mid driver with coaxial entry
High Frequency Driver:	1" (25 mm) voice coil compression driver mounted coaxially
Crossover:	4kHz Passive, Air core inductors, MKP capacitors, Wire wound resistors
Dispersion:	90° conical
Finish:	Black impact resistant structured coating
Connector:	Push type binding post, cable upto 4 mm diameter
Enclosure:	15 mm MDF direct radiator sealed enclosure
Grill:	Acoustically transparent woven fabric
Dimensions (H X W X D):	230 mm X 200 mm X 185 mm (9" X 7.8" X 7.2")
Net Weight:	5.1 kg (11 lb)
Packed Weight:	6 kg (13 lb)



SIDE VIEW



FRONT VIEW



TOP VIEW

CSX5H



FEATURES

- High performance coaxial driver
- 90° conical dispersion
- High SPL
- Smooth frequency response on and off axis
- Professional construction
- High quality components
- Convenient mounting options

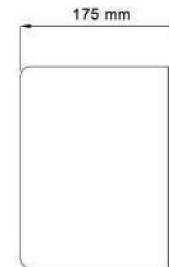
The Pulz CSX5H Coaxial Speaker System is designed to reproduce immersive audio soundtracks faithfully in preview theatres, studios and prestige home theatres. Powered with a 5" high sensitivity low distortion woofer and 1" voice coil horn loaded tweeter of European origin, CSX5H is capable of reproducing very high SPL and uniform dispersion throughout the auditorium. In the conventional preview theatre and studio surround speaker systems, multiple drivers are aligned either vertically or horizontally. This design may produce off axis lobes and uneven frequency response. The Pulz 5" driver with coaxially mounted HF unit on the other hand is coherent and produces smooth on and off axis frequency response.

A sophisticated passive crossover with close tolerance components ensures seamless integration of low and high frequency drivers. The closed type enclosure is CAD optimized for precise low frequency loading. The geometry of the acoustically transparent grill minimizes diffraction. Heavy duty spring loaded terminal posts facilitates convenient and secure connectivity at site.

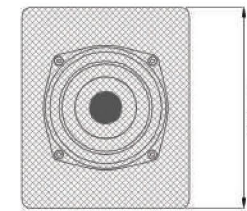
The CSX5H can be mounted on the wall with optional C-bracket to achieve $\pm 45^\circ$ tilts in 9° increments either in horizontal or vertical plane. A heavy duty MDF enclosure is finished with black matt finish paint. The Pulz CSX5H incorporates advanced technology driver and components to deliver dynamic, high SPL and wide dispersion sound into small preview theatres, studios and prestige home theatres.

SPECIFICATIONS:

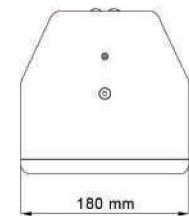
Frequency Response	100Hz to 20kHz
Power Rating	150W AES, 600W peak
Sensitivity	92.5dB @ 1W/1m
Maximum SPL	114dB continuous, 120dB peak @ 1m
Nominal Impedance	8Ω
Dispersion	90° conical
Low Frequency Driver	5" (125 mm) Mid-Bass driver with coaxial entry
High Frequency Driver	1" (25 mm) voice coil compression driver mounted coaxially
Crossover	4 kHz passive, Air core inductors, MKP capacitors, wire wound resistors
Finish	Black impact resistant structured coating
Connector	Push type binding post, cable upto 4 mm diameter
Enclosure	15 mm MDF direct radiator sealed enclosure
Grill	Acoustically transparent woven fabric
Dimensions (H X W X D)	216 mm x 180 mm x 175 mm (8.51" x 7.10" x 6.9")
Net Weight	5.1 kg (11 lb)
Packed Weight	6 kg (13 lb)



SIDE VIEW



FRONT VIEW



TOP VIEW

CSX8

FEATURES

- Convenient mounting options
- High performance coaxial driver
- 90° conical dispersion
- High SPL
- Smooth frequency response on and off axis
- Professional construction
- High quality components



The Pulz CSX8 Surround Speaker System is designed to reproduce immersive audio soundtracks faithfully in preview theatres, studios and prestige home theatres. Powered with a 8" high sensitivity low distortion woofer and 1" voice coil compression driver of European origin, CSX8 is capable of reproducing very high SPL and uniform dispersion throughout the auditorium. In the conventional preview theatre and studio surround speaker systems, multiple drivers are aligned either vertically or horizontally. This design may produce off axis lobes and uneven frequency response. The Pulz 8" driver with coaxially mounted HF unit on the other hand is coherent and produces smooth on and off axis frequency response.

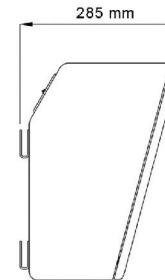
A sophisticated passive crossover with close tolerance components ensures seamless integration of low and high frequency drivers. The vented enclosure is CAD optimized for precise low frequency loading. The geometry of the acoustically transparent grill minimizes diffraction. Heavy duty spring loaded terminal posts facilitates convenient and secure connectivity at site.

The shape of CSX8 allows it to be wall mounted with a 15° downward angle. The enclosure is equipped with various mounting options to place it directly on the wall or mount it with optional C-bracket to achieve ±45° tilts in 9° increments. Additional security hooks are provided to ensure additional safety when mounting the system on ceiling. The heavy duty MDF enclosure is finished with abrasion resistant textured paint.

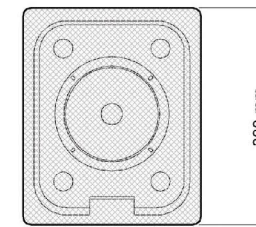
The Pulz CSX8 incorporates advanced technology driver and components to deliver dynamic, high SPL and wide dispersion sound into small preview theatres, studios and prestige home theatres to reproduce ambience and effects.

SPECIFICATIONS:

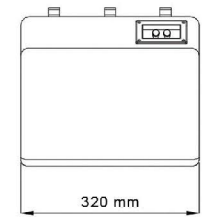
Frequency Response:	65Hz to 20kHz
Power Rating:	120W AES, 480W peak
Sensitivity:	93.8dB @ 1W/1m
Maximum SPL:	114.5dB continuous, 120.5dB peak @ 1m
Nominal Impedance:	8Ω
Low Frequency Driver:	8" (200 mm) Low-Mid driver with coaxial entry
High Frequency Driver:	1" (25 mm) voice coil compression driver mounted coaxially
Crossover:	2.6kHz Passive, Air core inductors, MKP capacitors, Wire wound resistors
Dispersion:	90° conical
Finish:	Black impact resistant structured coating
Connector:	Push type binding post, cable upto 4 mm diameter
Enclosure:	15 mm MDF direct radiator vented enclosure
Grill:	Acoustically transparent black woven fabric
Dimensions (H X W X D):	390 mm X 320 mm X 285 mm (15.3" X 12.6" X 11.2")
Net Weight:	10 kg (22 lb)
Packed Weight:	11.5 kg (25 lb)



SIDE VIEW



FRONT VIEW



TOP VIEW

CMX8



FEATURES

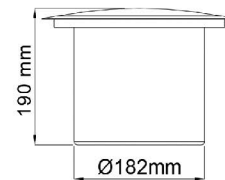
- High SPL
- Compact design
- Conical lobe free dispersion
- Ceiling flush mount
- High sensitivity

Pulz CMX8 is a ceiling mount coaxial speaker designed to cater to home theatre segments offering immersive audio formats such as Dolby Atmos. CMX8 is a perfect fit for top surround channels offering point source wide dispersion lobe free coverage, high sensitivity and high power handling for faithfully reproducing multi-channel surround sound dynamics.

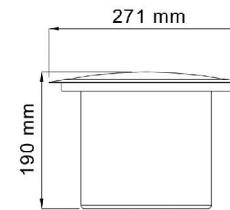
The CMX8 system is a coaxial 2-way passive speaker system which can be flush mounted in the false ceiling. The 7" enclosure provides closed box loading to the driver offering frequency response from 100Hz to 20kHz.

SPECIFICATIONS:

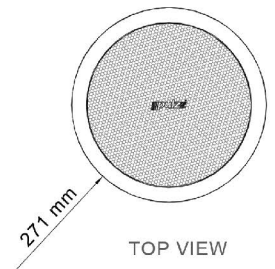
Frequency Response:	100Hz to 20kHz
Power Rating:	120W AES, 480W peak
Sensitivity:	93.8dB @ 1W/1m
Maximum SPL:	114.5dB continuous, 120.5dB peak @1m
Nominal Impedance:	8Ω
Nominal Directivity:	90° conical
Low Frequency Driver:	8" (200 mm) Low-Mid driver with coaxial entry
High Frequency Driver:	1" (25 mm) voice coil compression driver mounted coaxially
Recommended filter:	80Hz 18dB/octave Butterworth high pass filter; 20kHz 18dB/octave Butterworth low pass filter
Crossover:	2.6kHz Passive, Air core inductors, MKP capacitors, wire-wound resistors
Finish:	White
Connector:	Screw type binding post, cable upto 4 mm diameter
Enclosure:	Metal sealed enclosure
Grill:	Acoustically transparent white metal grill
Dimensions (Diameter x H):	190 mm X 271 mm (7.5" X 10.7")
Net Weight:	6 kg (13 lb)
Packed Weight:	7 kg (15 lb)



SIDE VIEW

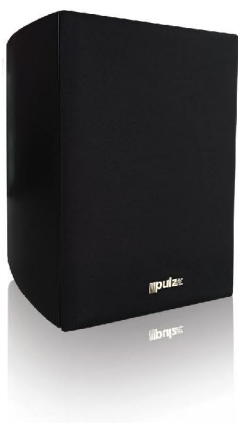


FRONT VIEW



TOP VIEW

KEVA



FEATURES

- High performance coaxial driver
- 90° conical dispersion
- High SPL
- Smooth frequency response on and off axis
- High quality components
- Convenient mounting options
- Compact size

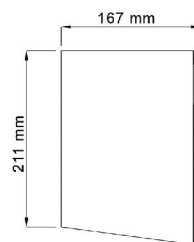
The Pulz Keva Coaxial Speaker System is designed to reproduce immersive audio soundtracks and high quality music faithfully in prestige home theatres and Hi-Fi systems in 2.1 configuration. Powered with a 5" high sensitivity low distortion woofer and 1" voice coil horn loaded tweeter of European origin, Keva is capable of reproducing very high SPL and uniform dispersion throughout the room due to its coaxial arrangement between woofer and tweeter which acoustically time aligns both the transducers and produces smooth on and off axis frequency response both horizontally and vertically without and crossover region anomalies.

The sealed type aesthetically designed box gives option to table mount with 0° or 7.5° to aim speaker correctly to the ears. An additional bracket is provided for mounting on the wall achieve desirable angle in both the dimensions. The geometry of acoustically transparent grill minimizes diffraction. Heavy duty screw type terminal posts facilitates convenient and secure connections for bare wire or banana plugs. A sophisticated passive crossover with close tolerance components ensures seamless integration of low and high frequency drivers.

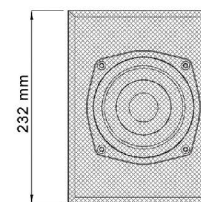
The Pulz Keva incorporates advanced technology driver and components to deliver dynamic, high SPL and wide dispersion sound into prestige home installations.

SPECIFICATIONS:

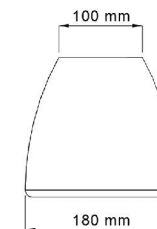
Frequency Response	100Hz to 20kHz
Power Rating	150W AES, 600W peak
Sensitivity	92.5dB @ 1W/1m
Maximum SPL	114dB continuous, 120dB peak @ 1m
Nominal Impedance	8Ω
Dispersion	90° conical
Low Frequency Driver	5" (125 mm) Mid-Bass driver with coaxial entry
High Frequency Driver	1" (25 mm) voice coil compression driver mounted coaxially
Crossover	4 kHz passive, Air core inductors, MKP capacitors, wire wound resistors
Finish	Black matt
Connector	Screw type binding post or banana insert, cable upto 4 mm diameter
Enclosure	15 mm MDF direct radiator sealed enclosure
Grill	Acoustically transparent woven fabric
Dimensions (H X W X D)	232 mm x 180 mm x 167 mm (9.14" x 7.09" x 6.58")
Net Weight	5.3 kg(12 lb)
Packed Weight	6.3 kg(14 lb)



SIDE VIEW

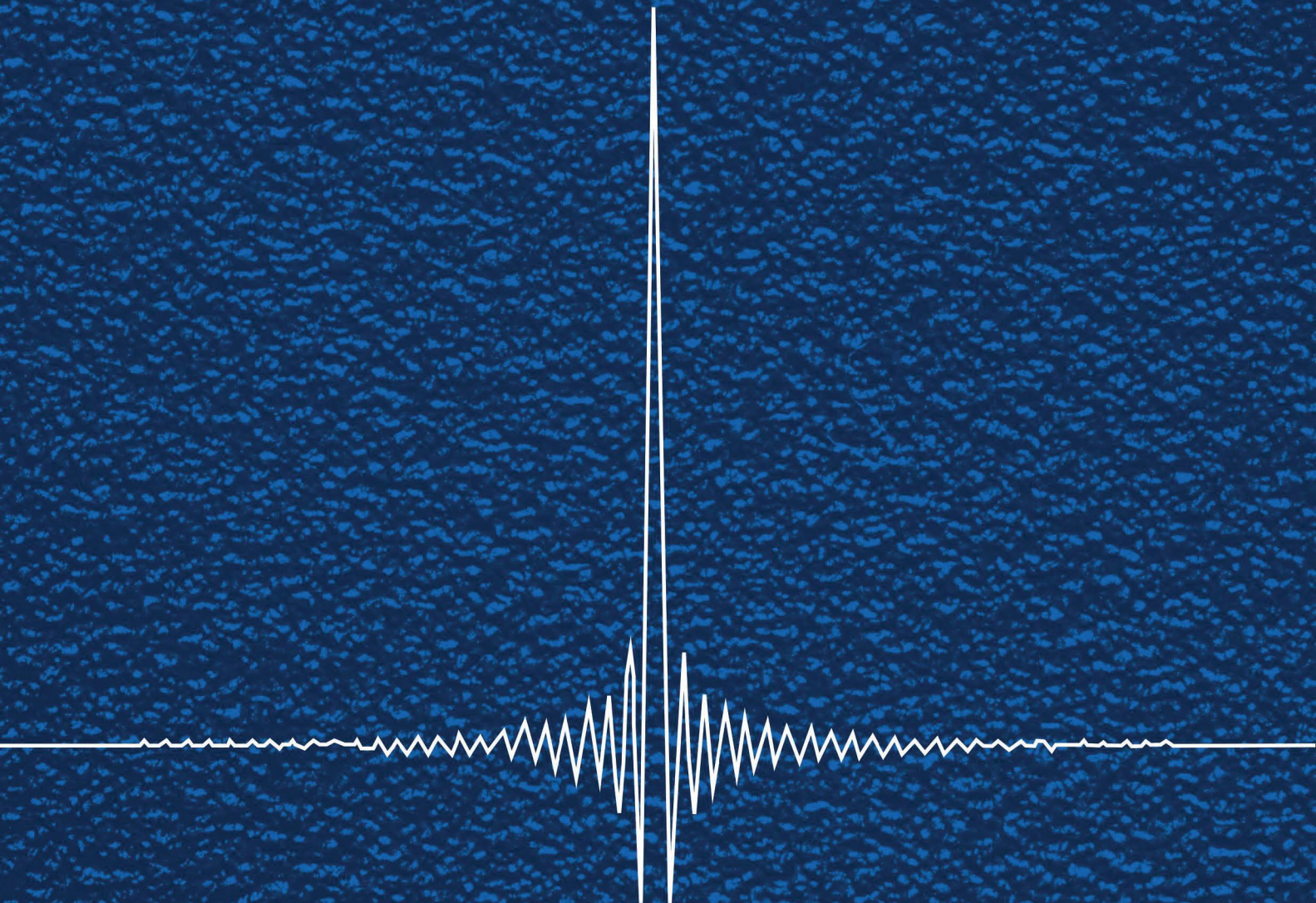


FRONT VIEW



TOP VIEW

sound matters



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Pulz reserves the right to make changes in specifications without prior notice.