

HOMEAUDIO

pulz[®]

INWALL SERIES



Immersive audio sound formats require subwoofers for the surround channels. Large bulky surround speakers interfere with the aesthetic design of the auditoriums. Due to their size they often have to be placed at compromised locations. Pulz Inwall subwoofers can be embedded within the acoustic treatment of the auditorium and create an invisible surround bass extension without any compromise in the sonic quality.

The bass reproduction of Inwall systems are superior due to the fact that the wall acts like an infinite baffle. The Pulz Inwall systems are designed with minimum depth and powered with professional quality drivers for high power handling and extended frequency response.

IW TIME WINDOW 21P



FEATURES

- 2 X 5.25" Polypropylene woofer
- 1 X 8" neodymium planar High Frequency Driver
- Superior sonic clarity
- True line source behaviour
- 100°H X 10°V nominal dispersion
- Low depth of 130 mm
- High SPL
- Wall mount or Flush mount option

Great sound with good looks are the underlying philosophy of Pulz "IW Time Window 21P" In Wall speaker systems. Sonically it can transport you to the event at realistic levels and aesthetically the system shall blend with your room décor or vanish altogether into the wall.

IW Time Window 21P is configured with the most advanced driver for their specific tasks. The 200mm planar driver covers the critical mid and high frequency region with great accuracy at a crossover frequency as low as 1 kHz. The ultra light diaphragm of the planar driver instantly respond to transients and extends the frequency response beyond 20kHz. The 200mm planar driver is also a true line source with wide horizontal and well defined vertical coverage pattern.

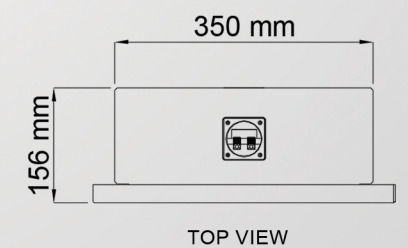
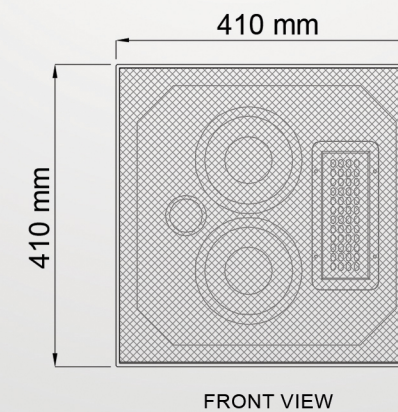
Two 5.2" (134mm) studio grade mid bass drivers compliments the mid high planar section. In the critical midrange the transition being at 1kHz is seamless. A sophisticated crossover with air core coils and close tolerance film capacitors precisely match the drivers. The crossover is designed after extensive computer modeling and listening sessions. The long throw 134mm mid bass driver with the vented enclosure shall extend frequency response down to 60Hz.

The high sensitivity (92dB) of the IW Time Window 21P and the mostly resistive impedance makes the amplifier power section simple. However, only an ultra low distortion amplifier can reveal the true sonic potential of the Pulz IW Time Window 21P speaker system.

The Pulz IW Time Window 21P speaker system is a radical departure from conventional speaker designs and its exceptional characteristics shall elevate the home entertainment to unprecedented levels.

SPECIFICATIONS:

Frequency Response	65Hz to 20kHz
Power rating	50 W AES, 200 W Peak
Sensitivity	92 dB at 2.83V/1m
Maximum SPL	108dB continuous, 114dB peak @1m
Nominal Impedance	8Ω
Dispersion	100° Horizontal, 10° Vertical
Low frequency driver	2 x 5.25" PP woofer
High frequency driver	1 x 8" Planar driver with back chamber
Crossover	1.2kHz Passive, low loss air core inductors and MKP capacitors, wire wound resistors
Enclosure	15 mm MDF vented enclosure
Grill	Black acoustically transparent woven fabric
Connector	Push type binding post, cable upto 4 mm diameter
Finish	Black matt
Dimensions (H X W X D)	350mm x 350mm x 130mm (13.78" x 13.78" x 5.12")
Dimensions with grill (H X W X D)	410mm x 410mm x 156mm (16.15" x 16.15" x 6.15")
Net Weight	11 kg (24 lb)
Packed Weight	12 kg (26.5 lb)



IW110

FEATURES



- High power and high sensitivity
- Only 12" (300 mm) depth for in wall installation
- Extended frequency response down to 35Hz
- Tighter vertical control by multiple box array
- Professional construction
- High quality components

IW110 is designed to be an inwall or onwall subwoofer system where powerful low frequency extension and ease of integration is the prime criteria. The system is powered with a single long throw 10" woofers in a rectangular shaped shallow enclosure.

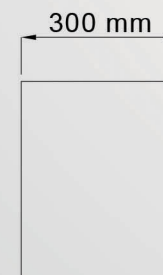
The enclosure is built with high quality MDF solidly braced and damped for optimum loading and minimum resonances. Fabric or metal grills are provided as per the application.

IW110 can be stacked to create a line source and extend the near field effect. The application possibilities are only limited by the capability of the system integrator.

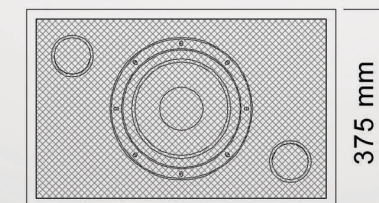
IW110 is only 12" (300 mm) deep, hence ideally suited for inwall installations. The high power and sensitivity of IW110 combined with low frequency extension down to 35Hz makes the box a formidable tool for critical installations.

SPECIFICATIONS:

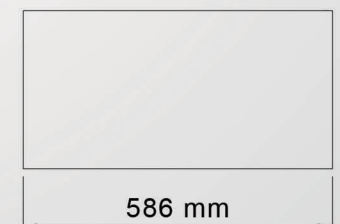
Frequency Response:	38Hz to 500Hz
Power Rating:	250W AES, 1000W peak
Sensitivity:	92.5dB @ 1W/1m
Maximum SPL:	116.5dB continuous, 122.5dB peak @ 1m
Nominal Impedance:	8Ω
Transducers:	10" (250 mm) long throw weather resistant woofer
Finish:	Black impact resistant structured coating
Connector:	Push type binding post, cable upto 4 mm diameter
Enclosure:	18 mm MDF direct radiator vented enclosure
Grill:	Acoustically transparent black woven fabric
Dimensions (H X W X D):	375 mm X 586 mm X 300 mm (14.8" X 23" X 11.8")
Net Weight:	19 kg (42 lb)
Packed Weight:	21 kg (46 lb)



SIDE VIEW



FRONT VIEW



TOP VIEW

IW210



FEATURES

- High power and high sensitivity
- 100° vertical control
- Only 12" (300 mm) depth for in wall installation
- Extended frequency response down to 35Hz
- Tighter vertical control by multiple box array
- Professional construction
- High quality components

IW210 is designed to be an inwall or onwall subwoofer system where powerful low frequency extension and ease of integration is the prime criteria. The system is powered with two long throw 10" woofers in a column shaped shallow enclosure. Each driver is individually loaded and tuned to prevent anomalies caused due to uneven ageing or malfunctioning.

The enclosure is built with high quality MDF solidly braced and damped for optimum loading and minimum resonances. Fabric or metal grills are provided as per the application.

IW210 can be stacked to create a line source and extend the near field effect. The application possibilities are only limited by the capability of the system integrator.

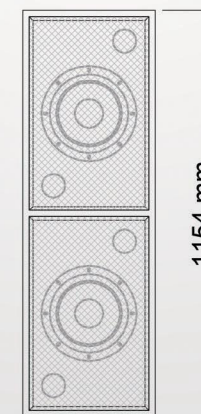
IW210 is only 12" (300 mm) deep, hence ideally suited for inwall installations. The high power and sensitivity of IW210 combined with low frequency extension down to 35Hz makes the box a formidable tool for critical installations.

SPECIFICATIONS:

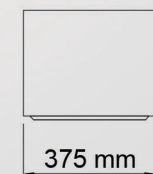
Frequency Response:	38Hz to 500Hz
Power Rating:	500W AES, 2000W peak
Sensitivity:	95.5dB @ 1W/1m
Maximum SPL:	122dB continuous, 128dB peak @ 1m
Nominal Impedance:	4Ω
Dispersion:	180° horizontal, 100° vertical @ 400Hz
Transducers:	2 X 10" (250 mm) long throw weather resistant woofer
Finish:	Black impact resistant structured coating
Connector:	Push type binding post, cable upto 4 mm diameter
Enclosure:	18 mm MDF direct radiator vented enclosure
Grill:	Acoustically transparent black woven fabric
Dimensions (H X W X D):	1154 mm X 375 mm X 310 mm (45.4" X 14.8" X 12.2")
Net Weight:	36 kg (76 lb)
Packed Weight:	40 kg (88 lb)



SIDE VIEW



FRONT VIEW



TOP VIEW

IW410



FEATURES

- High power and high sensitivity
- 100° vertical control
- Only 12" (300 mm) depth for in wall installation
- Extended frequency response down to 35Hz
- Tighter vertical control by multiple box array
- Professional construction
- High quality components

IW410 is designed to be an inwall or onwall subwoofer system where powerful low frequency extension and ease of integration is the prime criteria. The system is powered with four long throw 10" woofers in a column shaped shallow enclosure. Each driver is individually loaded and tuned to prevent anomalies caused due to uneven ageing or malfunctioning.

The enclosure is built with MDF solidly braced and damped for optimum loading and minimum resonances. Fabric or metal grills are provided as per the application.

IW410 can be stacked to create a line source and extend the near field effect. The application possibilities are only limited by the capability of the system integrator.

IW410 is only 12" (300 mm) deep, hence ideally suited for inwall installations. The high power and sensitivity of IW410 combined with low frequency extension down to 35Hz makes the box a formidable tool for critical installations.

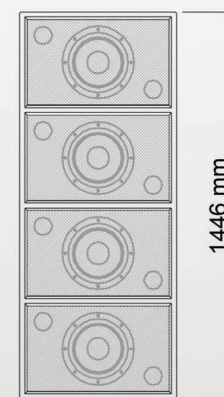
SPECIFICATIONS:

Frequency Response:	38Hz to 500Hz
Power Rating:	1000W AES, 4000W peak
Sensitivity:	98.5dB @ 1W/1m
Maximum SPL:	128dB continuous, 134dB peak @ 1m
Nominal Impedance:	8Ω
Dispersion:	180° horizontal, 100° vertical @ 200Hz
Transducers:	4 X 10" (250 mm) long throw weather resistant woofer
Finish:	Black impact resistant structured coating
Connector:	Push type binding post, cable upto 4 mm diameter
Enclosure:	18 mm MDF direct radiator vented enclosure
Grill:	Acoustically transparent black woven fabric
Dimensions (H X W X D):	1446 mm X 586 mm X 310 mm (57" X 23" X 12.2")
Net Weight:	72 kg (159 lb)
Packed Weight:	76 kg (167 lb)

310 mm



SIDE VIEW



FRONT VIEW



TOP VIEW

sound matters



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