

ARTCOUSTIC™

Full Line Manual 2011/12



Better, by Design

Usually in the world of sound and cinema, you have to choose between great design and great performance. There are exceptions of course, but in general, that's the way it is. Especially when it comes to loudspeaker design; if it looks good, it's unlikely to sound good, and for some reason, if it sounds good, it very rarely looks good. At Artcoustic, we have never accepted this idea. So when you buy an Artcoustic speaker, you get the best of both worlds. They sound great, because we have brought years of knowledge and experience to bear on designing speakers that reproduce music and movie soundtracks faithfully, accurately and in breathtaking detail and they appeal to the eye because we came up with the idea of interchangeable screens. Quite simply, you choose how your speakers look. We have a wide portfolio of beautiful patterns and designs, and of pictures from artists and photographers including an array of iconic images from the Getty Images Gallery. We also offer a bespoke printing service where you can provide an image, for example a commissioned artwork or photograph, and we print this on to screens for your speakers. As the screens are interchangeable the image can be changed whenever you like. You choose how your speakers look, so they always complement rather than conflict with any interior design.

Going back to the roots of traditional Danish loudspeaker design, Artcoustic has transformed the conventional loudspeaker with a modern look. We strive for perfect sound reproduction, using only the most advanced technology available. Artcoustic is a state-of-the-art product, a loudspeaker that is among the elite of high-end loudspeakers worldwide. The remarkable dynamic range and efficiency, far higher than conventional hi-fi designs, make Artcoustic loudspeakers the perfect solution for both high-end residential and commercial applications.

The Artcoustic loudspeaker is the first and only of its kind, combining a unique mix of art and design with the science of acoustics.

Great looks, great sound. Great news.

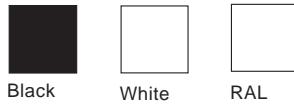


Design Options

Artcoustic loudspeakers have an almost infinite choice of options, but the basics are simple and always a good place to start.

Cabinet Colours

There is a choice of cabinet colours for your speaker



Artcoustic Match System

The Artcoustic Match System is an in-house developed textile process. The 8 colours available for the loudspeaker screens provide the opportunity to match colours to complement your interior. It has never been easier to change the look of your loudspeakers and make them a part of your interior. Use the colour swatches below as a guide.

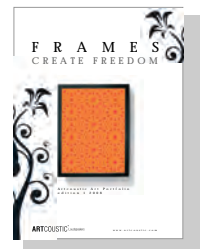


Artcoustic Gallery

Artcoustic hand-picks artists and designers from around the world and invites them to create exclusive artworks for the Artcoustic Art Portfolio. The portfolio is available for viewing at all specialist Artcoustic dealers. View our latest selection on the Gallery section of the Artcoustic web site. Each artwork/design is produced as a digital print and hand made into a screen.



View the latest art portfolio online at www.artcoustic.com or request a copy via the contact page or at your local Artcoustic dealer.



Bespoke

The Artcoustic bespoke service gives the option of creating a unique design. Front screens can be printed with a clients design or commissioned work. Cabinet colours can also be custom coloured using the RAL colour system



Artcoustic product range



Modular One
H:250 W:78 D:54mm



Modular Cinema
H:78 W:650 D:54mm



Modular Centre/LCR
H:78 W:650 D:54mm



Diablo Target
H:200 W:200 D:73mm



Diablo Monitor
H:330 W:270 D:73mm



Diablo C-1
H:126 W:650 D:85mm



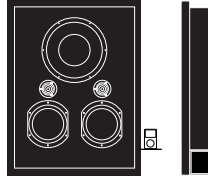
DF-Multi 42 inch
H:150 W:1030 D:74mm



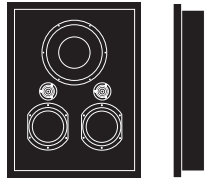
DF-Multi 50 inch
H:150 W:1220 D:74mm



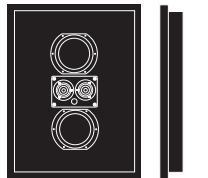
DF-Multi 60 inch
H:200 W:1500 D:85mm



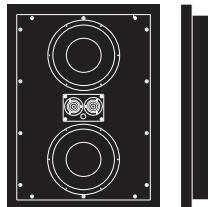
Superstar Active
H:650 W:500 D:130mm



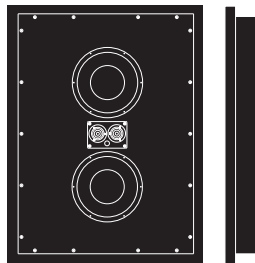
Superstar Passive
H:650 W:500 D:130mm



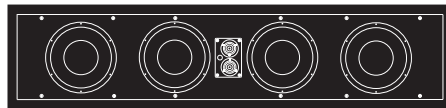
DF65-50
H:650 W:500 D:97mm



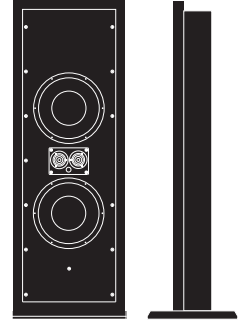
DF75-55
H:750 W:550 D:133mm



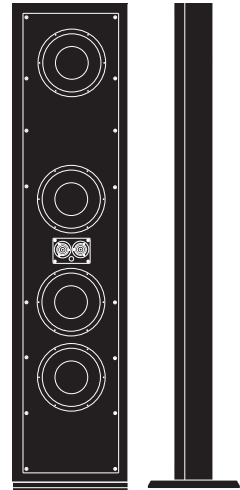
DF100-75
H:1000 W:750 D:133mm



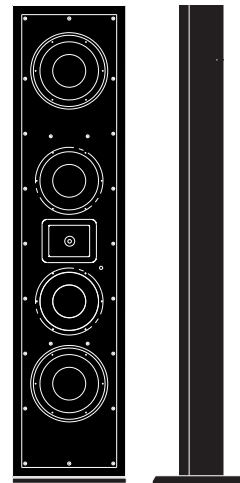
DFC150-36
H:1500 W:360 D:133mm



DFF120-43
H:1200 W:430 D:153mm

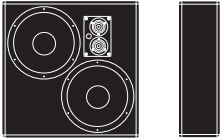


DFF180-43
H:1800 W:430 D:153mm

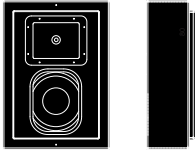


DFF180-43PRO
H:1800 W:430 D:177mm

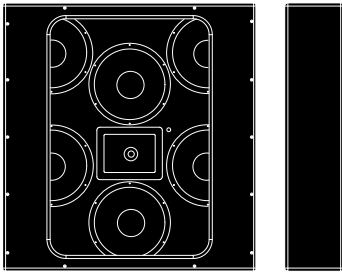




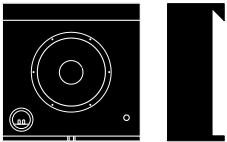
Spitfire Studio Monitor
H:500 W:500 D:150mm



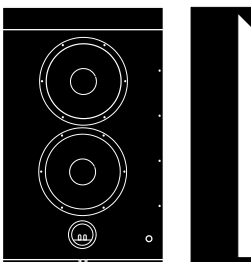
Spitfire Venue PA. Monitor
H:500 W:360 D:160mm



Spitfire 4-2-1 PA. Monitor
H:840 W:800 D:186mm



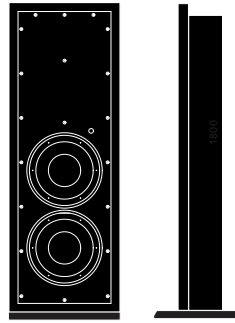
Panel Sub Micro
H:450 W:450 D:186mm



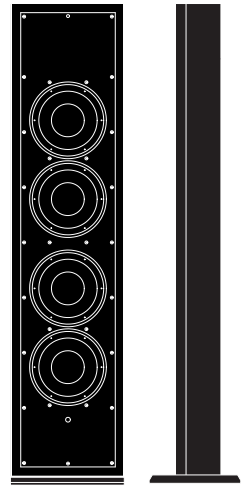
Panel Sub Duo
H:800 W:500 D:186mm



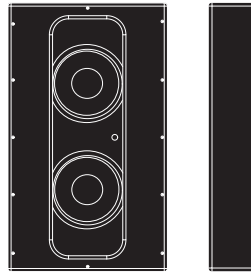
Linax Duo Storage Cabinet
H:312 W:1060 D:520mm



DFS120-43 Sub
H:1200 W:430 D:177mm



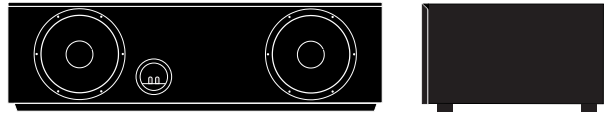
DFS180-43 Sub
H:1800 W:430 D:177mm



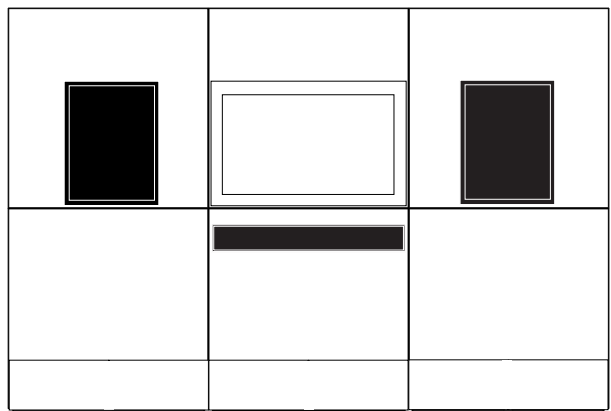
Spitfire Subwoofer
H:840 W:500 D:186mm



PA-260 2 channel
professional power amplifier



Linax Sub
H:312 W:1060 D:520mm



Media Walls
Single plate: H:1060 W:1060 D:28mm (Illustration above includes 6 plates)

Modular One

Multi Purpose On-Wall and In-Wall Loudspeaker

Cabinet colour

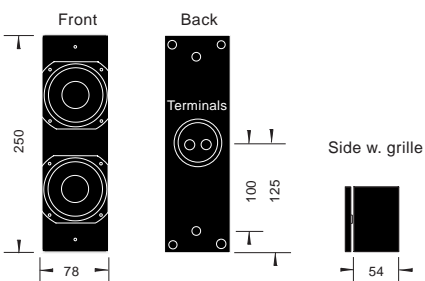


Black White

Screen options



Match System Digital Print



Modular One Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.

Modular Range Technical highlights

Full range unit:

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Distortion Reduced Motor

Modular One

1 way Multi purpose loudspeaker. 2 x 3.5 inch full range unit. All screen options are available for the Modular One: The Match System and Digital Prints when supplied with optional baffles.

Operating Range: 100 Hz to 20 KHz

Beamwidth HF: 90 degree

FR: SPL 1 Watt 88dB Max SPL 100 dB avg 4 ohm continuous power handling 100 W

Connections: Gold plated push terminals, single amp

Dimensions: 250 H x 78 W x 54 D mm depth (with grille 68 D mm)

Weight: 2 kg each

Applications

2-channel stereo
max. SPL 1m 100dB max. SPL 4m 92dB

Home Cinema, small room
max. SPL 1m 100dB max SPL 4m 92dB

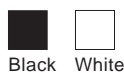
Restaurant - Bar - fixed installation
max. SPL 1m 100dB max SPL 4m 92dB.



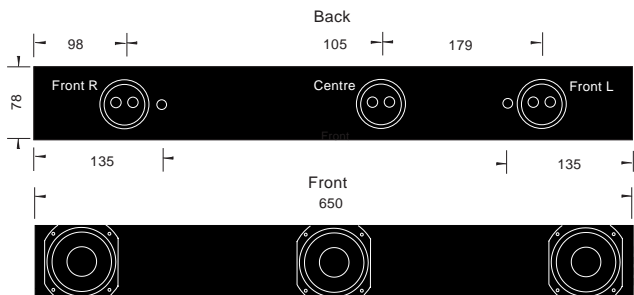
Modular Centre/LCR

Left / Centre / Right On-Wall and In-wall Loudspeaker

Cabinet colour



Screen options



Modular Cinema Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.

Side w. grille



Modular Centre/LCR

Operating Range: 100 Hz to 20 KHz
Beam width HF: 90 degrees
FR: L & R SPL 1 Watt 86 dB Max SPL 98 dB avg 8 ohm continuous power handling 100 W
FR: Centre SPL 1 Watt 86 dB Max SPL 98 dB avg 8 ohm continuous power handling 100 W
FR: Rear SPL 1 Watt 86 dB Max SPL 98 dB avg 8 ohm continuous power handling 100 W
Front and Centre in parallel: SPL 1 Watt 102dB Max SPL 108 dB avg 3.3 ohm continuous power handling 100 W
Connections: Gold plated push terminals, single / bi, tri and quad amp, L,C,R and rear
Dimensions: 78 H x 650W x 54 D mm (With grille 68 D mm.)
Weight: 6 kg each

Modular Range Technical highlights

Full range unit:

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Distortion Reduced Motor

Applications

2-channel stereo
max SPL 1m 100dB max. SPL 4m 92dB

Multi Channel Home Cinema, small - medium room
max SPL 1m 100dB max SPL 4m 92dB

(Centre Channel) Home Cinema, small - medium room ,
screening room max SPL 1m 108dB max SPL 4m 98dB

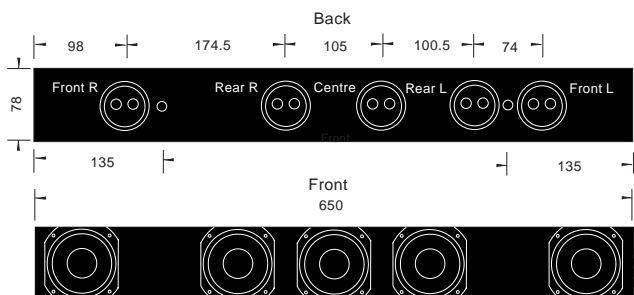
Modular Cinema

Left / Centre / Right and optional Rear On-Wall and In-wall Loudspeaker

Cabinet colour



Screen options



Modular Cinema Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.

Side w. grille



Modular Cinema

Operating Range: 100 Hz to 20 KHz
Beam width HF: 90 degrees
FR: L & R SPL 1 Watt 86 dB Max SPL 98 dB avg 8 ohm continuous power handling 100 W
FR: Centre SPL 1 Watt 86 dB Max SPL 98 dB avg 8 ohm continuous power handling 100 W
FR: Rear SPL 1 Watt 86 dB Max SPL 98 dB avg 8 ohm continuous power handling 100 W
Front and Centre in parallel: SPL 1 Watt 102dB Max SPL 108 dB avg 3.3 ohm continuous power handling 100 W
Connections: Gold plated push terminals, single / bi, tri and quad amp, L,C,R and rear
Dimensions: 78 H x 650W x 54 D mm (With grille 68 D mm.)
Weight: 6 kg each

Modular Range Technical highlights

Full range unit:

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Distortion Reduced Motor

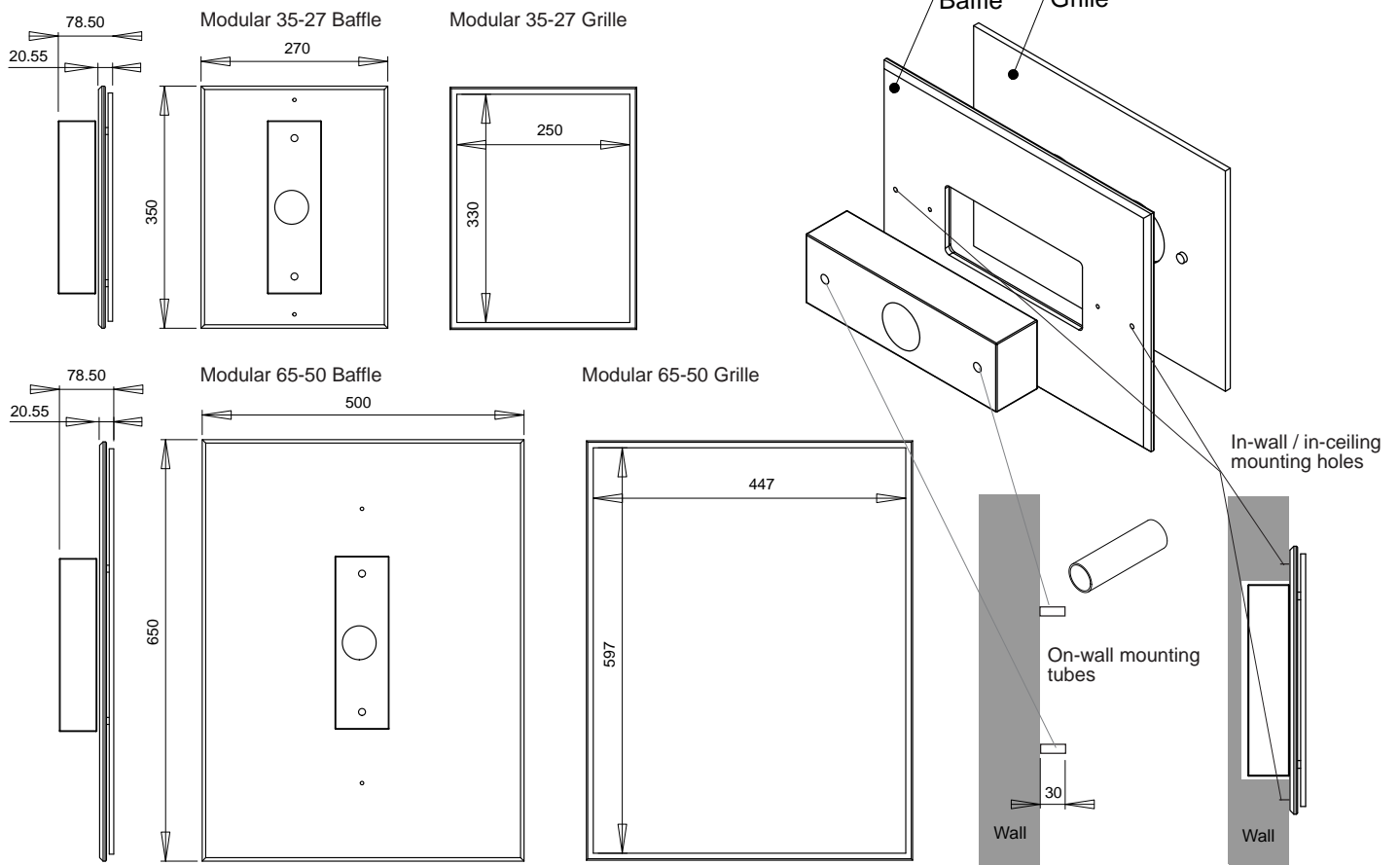
Applications

2-channel stereo
max SPL 1m 100dB max. SPL 4m 92dB

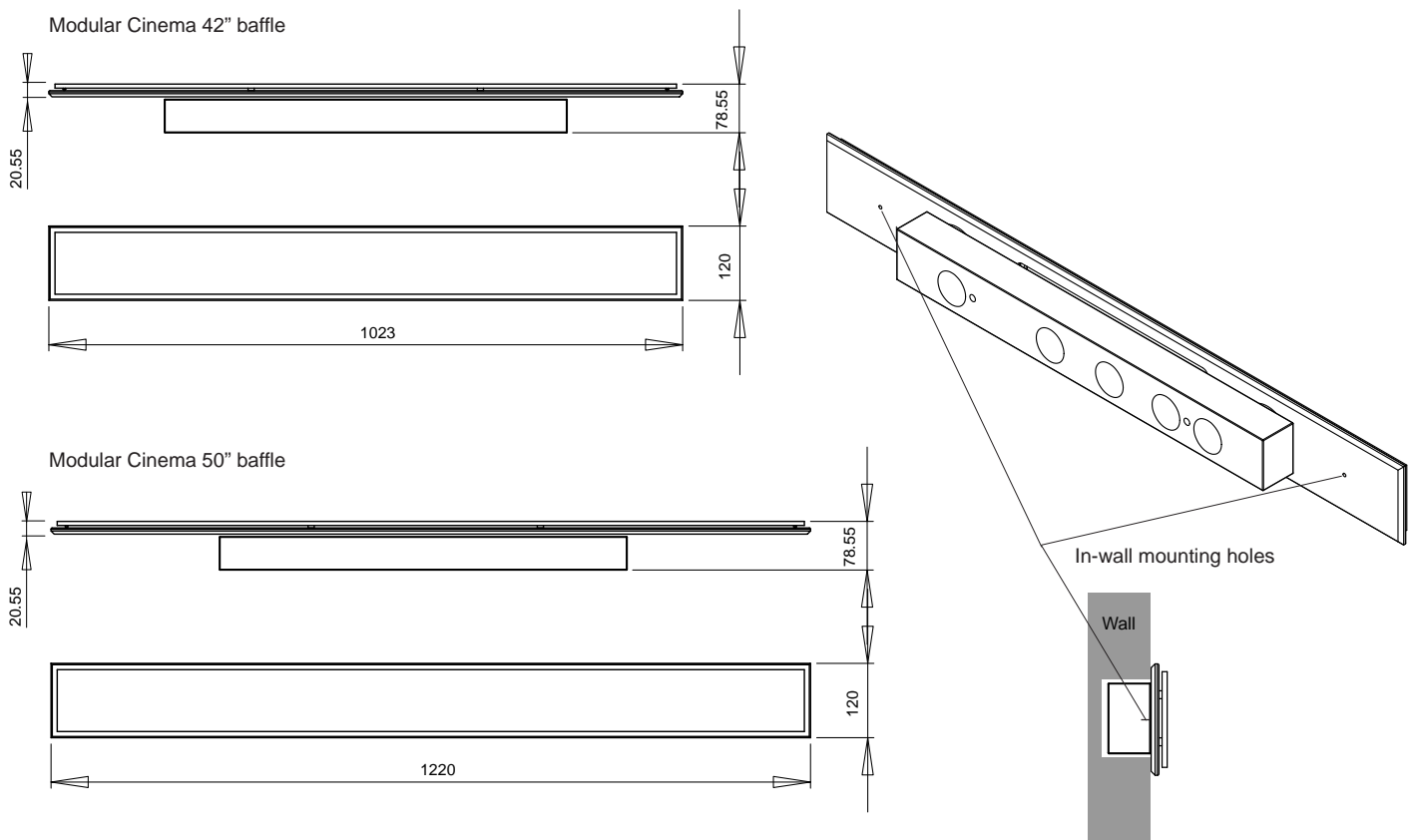
Multi Channel Home Cinema, small - medium room
max SPL 1m 100dB max SPL 4m 92dB

(Centre Channel) Home Cinema, small - medium room ,
screening room max SPL 1m 108dB max SPL 4m 98dB

Modular One 35-27 and 65-50 baffles for on-wall and in-wall installations



Modular Cinema 42" and 50" baffles for on-wall and in-wall installations



Diablo Target

Multi Purpose Loudspeaker

Cabinet colour

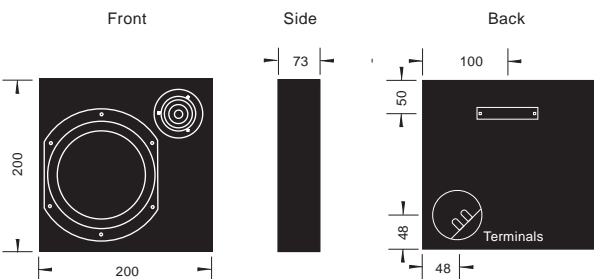


White

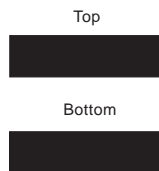
Screen options



Match System



Diablo Monitor Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.



Diablo Target

2-way Multi purpose loudspeaker. 1 x 5.5 inch LF-MF unit, 1 x 1.5 inch 90 degree X2 HF unit. Only the Match System screens are available for this model.

Operating Range: 60 Hz to 40 KHz
 Beamwidth HF: 90 degree
 FR: SPL 1 Watt 91dB Max SPL 103 dB avg 8 ohm continuous power handling 150 W
 LF: Max SPL 103 dB avg 8 ohm continuous power handling 150 W
 HF: Max SPL 104 dB avg. 4 ohm continuous power handling 100 W
 Connections: Gold plated screw terminals, single amp
 Dimensions: 200 H x 200 W x 69 D mm depth (with grille 85 D mm)
 Weight: 3.5 kg each

Diablo Target Technical highlights

Tweeter:

Dual Ring Radiator diaphragm
 Highly linear suspension and Low loss surrounds for high clarity and clean transient response
 Copper caps for better HF extension and lower distortion
 Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring
 4-layer voice coil, anodized aluminum for improved heat dissipation.
 Distortion Reduced Motor
 Rigid Cast Steel Basket
Crossover:
 Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo / near field studio monitoring
 max. SPL 1m 103dB max. SPL 4m 95dB
 Home Cinema, small - medium room
 max. SPL 1m 103dB max SPL 4m 95dB
 Restaurant - Bar - fixed installation - boardroom, auditorium
 max. SPL 1m 103dB max SPL 4m 95dB.

Diablo Monitor X2

Studio Monitor Loudspeaker

Cabinet colour



Black White RAL Gloss

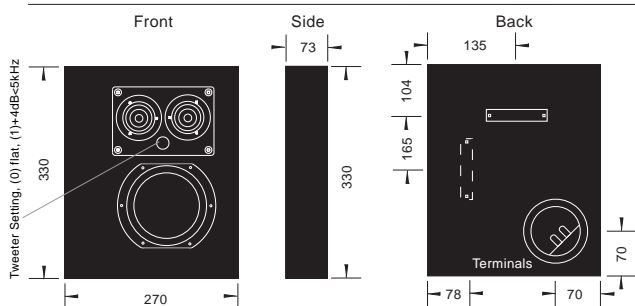
Screen options



Match



Digital System Print



Diablo Monitor Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.



Diablo Monitor X2

2-way Studio Monitor. 1 x 5.5 inch LF-MF unit, 2 x 1.5 inch X2 HF unit. All screen options are available for the Diablo Monitor: The Match System/Digital Prints.

Operating Range: 45 Hz to 40 KHz
 Beamwidth HF: 90 degree X2
 FR: SPL 1 Watt 93dB Max SPL 104 dB avg 8 ohm continuous power handling 150 W
 LF: Max SPL 104 dB avg 8 ohm continuous power handling 150 W
 HF: Max SPL Switch setting (0) 106 dB, setting (1) 114 dB avg 4 ohm continuous power handling 100 W
 Connections: Gold plated push terminals, single amp
 Dimensions: 330 H x 270 W x 73 D mm
 Weight: 4.5 kg each

Diablo Monitor Technical highlights

Tweeter:

Dual Ring Radiator diaphragm
 Highly linear suspension and Low loss surrounds for high clarity and clean transient response
 Copper caps for better HF extension and lower distortion
 Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring
 4-layer voice coil, anodized aluminum for improved heat dissipation.
 Distortion Reduced Motor
 Rigid Cast Steel Basket
Crossover:
 Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo / mid field / fullspace studio monitoring
 max SPL 1m 104dB max. SPL 4m 98dB
 Home Cinema, small - medium room, screening room
 max SPL 1m 104dB max SPL 4m 98dB
 Restaurant - Bar - fixed installation - boardroom, auditorium
 max SPL 1m 104dB max SPL 4m 98dB

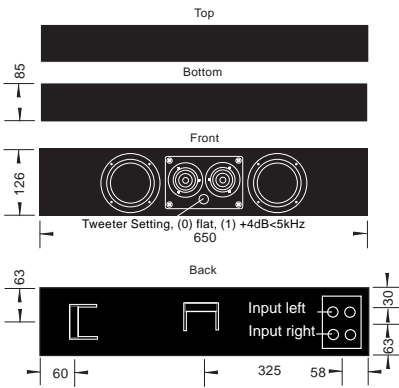
Diablo C-1 X2

Multi Purpose Stereo or Mono Monitor

Cabinet colour



Screen options



Diablo C-1 Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.

Diablo C-1 X2 Stereo and mono

2-way Studio Monitor. 2 x 4 inch LF-MF units, 2 x 1.5 inch 90 degree X2 HF unit. Only the Match System screens are available for this model.

- Operating Range: 70Hz to 40KHz
- FR: SPL 1 Watt (single speaker) 94dB Max SPL 112dB avg 8 ohm continuous power handling 220 Watt (stereo) 91dB Max SPL 105dB avg 4 ohm continuous power 110 Watt
- Connections: Gold plated push terminals, single speaker or stereo connection
- Dimensions: 650 H x 126 W x 85 D mm
- Weight: 6 kg each
- Mount: wall mount

Diablo C-1 Technical highlights

Tweeter:

- Dual Ring Radiator diaphragm
- Highly linear suspension and Low loss surrounds for high clarity and clean transient response
- Copper caps for better HF extension and lower distortion
- Wave-guide center plug, copper-clad aluwire

Woofers:

- Aluminum Short Circuiting Ring
- 4-layer voice coil, anodized aluminum for improved heat dissipation.
- Distortion Reduced Motor
- Rigid Cast Steel Basket

Crossover:

- Linear Phase 6 and 12 dB per octave

Applications

- 2-channel stereo
max SPL 1m 108dB max SPL 4m 102dB
- Home Cinema, small - medium room, screening room
max SPL 1m 108dB max SPL 4m 102dB
- Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 108dB max SPL 4m 102dB

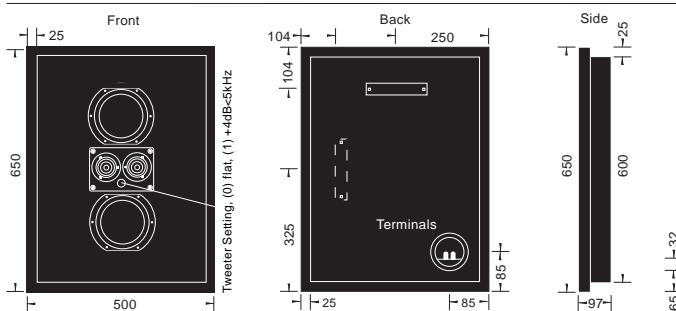
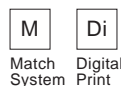
DF65-50 X2

Full Range Studio Monitor Loudspeaker

Cabinet colour



Screen options



DF65-50 Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.

DF65-50

2.5-way Full Range Studio Monitor. 2 x 5.5 inch LF-MF units, 2 x 1.5 inch 90 degree X2 HF unit. All screen options are available for the DF65-50: The Match System / Digital Prints.

- Operating Range: 45 Hz to 40 KHz
- Beamwidth HF: 90 degree X2
- FR: SPL 1 Watt 93dB Max SPL 106 dB SPL avg 4 ohm continuous power handling 120 W
- LF: Max SPL 106 dB SPL avg 4 ohm continuous power handling 120 W
- HF: Max SPL Switch setting (0) 108 dB, setting (1) 114 dB avg 4 ohm continuous power handling 100 W
- Connections: Gold plated push terminals, single amp
- Dimensions: 650 H x 500 W x 97 D mm
- Weight: 14 kg each

DF65-50 Technical highlights

Tweeter:

- Dual Ring Radiator diaphragm
- Highly linear suspension and Low loss surrounds for high clarity and clean transient response
- Copper caps for better HF extension and lower distortion
- Wave-guide center plug, copper-clad aluwire

Woofers:

- Extra long excursion and Aluminum Short Circuiting Ring
- 4-layer voice coil, anodized aluminum for improved heat dissipation.
- Distortion Reduced Motor
- Rigid Cast Steel Basket

Crossover:

- Linear Phase 6 and 12 dB per octave

Applications

- 2-channel stereo
max SPL 1m 106dB max SPL 4m 102dB
- Home Cinema, small - medium room, screening room
max SPL 1m 106dB max SPL 4m 102dB
- Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 106 dBmax SPL 4m 102dB

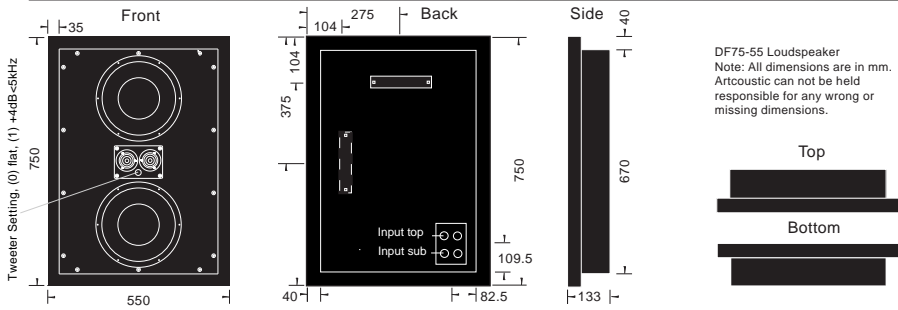
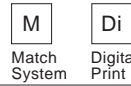
DF75-55 X2

Full Range Studio Monitor Loudspeaker

Cabinet colour



Screen options



DF75-55 X2

2.5-way Full Range Studio Monitor. 2 x 10 inch LF and MF units, 2 x 1.5 inch 90 degree X2 HF unit. All screen options are available for the DF75-55: The Match System / Digital Prints.

Operating Range:	30 Hz to 40 KHz
Beamwidth HF:	90 degree X2
FR:	SPL 1 Watt 95dB Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
LF:	Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
HF:	Max SPL Switch setting (0) 112 dB, setting (1) 116 dB avg 4 ohm continuous power handling 100 W
Connections:	Gold plated push terminals, Bi-amp
Dimensions:	750 H x 550 W x 133 D mm
Weight:	18 kg each

DF75-55 Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Aluminum Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 114dB max SPL 4m 106dB

Home Cinema, medium room, screening room
max SPL 1m 114dB max SPL 4m 106dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 114dB max SPL 4m 106dB

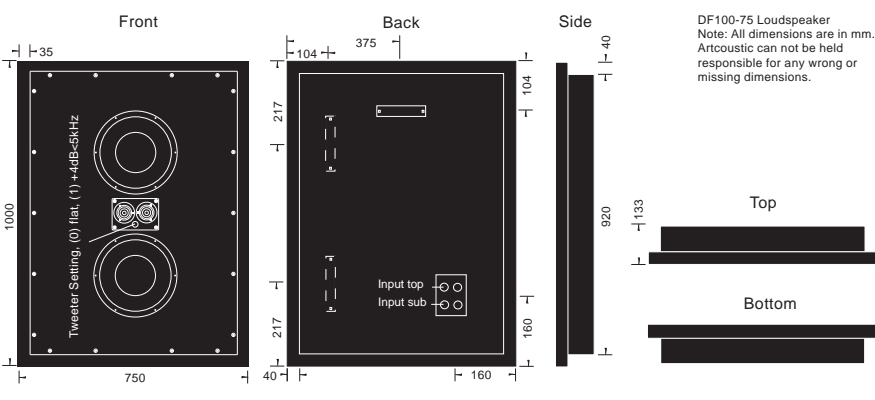
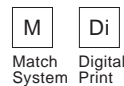
DF100-75 X2

Full Range Studio Monitor Loudspeaker

Cabinet colour



Screen options



DF100-75 X2

2.5-way Full Range Studio Monitor. 2 x 10 inch LF and MF units, 2 x 1.5 inch X2 HF unit. All screen options are available for the DF100-75: The Match System / Digital Prints.

Operating Range:	25 Hz to 40 KHz
Beamwidth:	HF, 90 degree X2
FR:	SPL 1 Watt 95dB Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
LF:	Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
HF:	Max SPL Switch setting (0) 114 dB, setting (1) 116 dB avg 4 ohm continuous power handling 100 W
Connections:	Gold plated push terminals, bi-amp
Dimensions:	1000 H x 750 W x 133 D mm
Weight:	35 kg each

DF100-75 Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 114dB max SPL 4m 106dB

Home Cinema, medium room, screening room
max. SPL 1 m 114 dB max SPL 4 m 106dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 114dB max SPL 4m 106dB

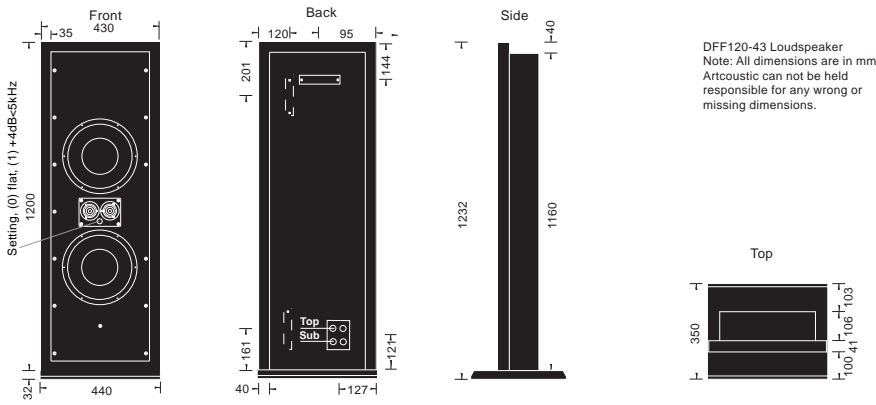
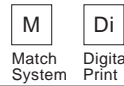
DFF120-43 X2

Full Range Studio Monitor Loudspeaker

Cabinet colour



Screen options



DFF120-43 X2

2.5-way Full Range Studio Monitor. 2 x 10 inch LF and MF unit, 2 x 1.5 inch 90 degree X2 HF unit. All screen options are available for the DFF120-43: The Match System / Digital Prints.

Operating Range:	25 Hz to 40 KHz
Beamwidth:	HF, 90 degree X2
FR:	SPL 1 Watt 95dB Max SPL 116 dB SPL avg 4 ohm continuous power handling 220 W
LF:	Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
HF:	Max SPL Switch setting (0) 116 dB, setting (1) 116 dB avg 4 ohm continuous power handling 100 W
Connections:	Gold plated push terminals, bi-amp
Dimensions:	1200 (1232 with base plate) H x 430 W x 147 D mm
Weight:	35 kg each

DFF120-43 Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 114dB max SPL 4m 106dB

Home Cinema, medium room, screening room
max SPL 1m 114dB max SPL 4m 106dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max. SPL 1 m 114dB max SPL 4 m 106 dB

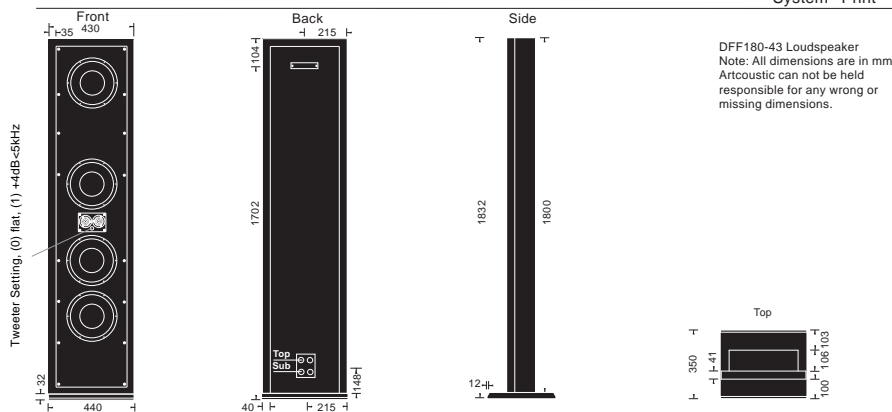
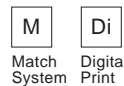
DFF180-43 X2

Full Range Studio Monitor Loudspeaker

Cabinet colour



Screen options



DFF180-43 X2

2.5-way Full Range Studio Monitor. 3 x 10 inch LF and 1 x 10 inch MF unit, 2 x 1.5 inch 90 degree X2 HF unit. All screen options are available for the DFF120-43: The Match System / Digital Prints.

Operating Range:	30 Hz to 40 KHz
Beamwidth:	HF, 90 degree X2
FR:	SPL 1 Watt 95dB Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
LF:	Max SPL 116 dB SPL avg 8 ohm continuous power handling 220 W
HF:	Max SPL Switch setting (0) 114 dB, setting (1) 116 dB avg 4 ohm continuous power handling 100 W
Connections:	Gold plated push terminals, bi-amp
Dimensions:	1800 (1832 with base plate) H x 430 W x 147 D mm
Weight:	50 kg each

DFF180-43 Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel
max SPL 1m 116dB max SPL 4m 108 dB

Home Cinema, medium - large room, screening room
max SPL 1m 116dB max SPL 4m 108dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 116dB max SPL 4m 108dB

DFF180-43 PRO

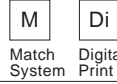
Full Range Studio Monitor Loudspeaker

Cabinet colour

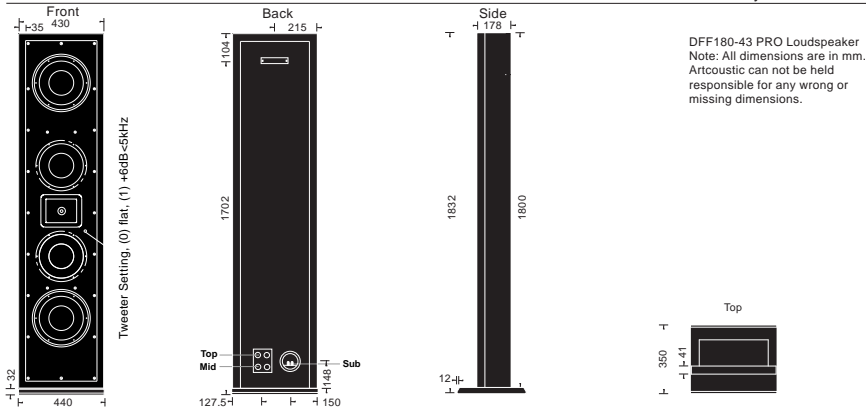


Black White RAL

Screen options



Match System Digital Print



DFF180-43 PRO

2.5-way Full Range Studio Monitor. 2 x 10 inch LF and 2 x 10 inch MF unit, 1 x 1.5 inch 90 x 60 degree constant directivity compression horn. All screen options are available for the DFF180-43 PRO: The Match System / Digital Prints.

Operating Range:	15 Hz to 18KHz
Beamwidth HF:	90 x 60 degree constant directivity compression horn
FR:	SPL 1 Watt 99dB Max SPL 122 dB SPL avg 4 ohm continuous power handling 250 W
LF:	Max SPL 122 dB SPL avg 8 ohm continuous power handling 500 W
HF:	Max SPL Switch setting (0) 120dB, setting (1) 124 dB avg 8 ohm continuous power handling 100 W
Connections:	Gold plated push terminals, bi-amp
Dimensions:	1800 (1832 with base plate) H x 430 W x 178 D mm
Weight:	50 kg each

DFF180-43PRO Technical highlights

Tweeter:

90 x 60 degree constant directivity compression horn
High SPL over long distance

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring
4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Alu and Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 122dB max SPL 4m 112dB

Commercial Cinema, medium - large room, screening room
max SPL 1m 122dB max SPL 4m 112dB

Restaurant - Bar - fixed installation - auditorium
max SPL 1m 122dB max SPL 4m 112dB

DFC150-36 X2

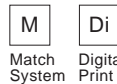
Full Range 60 inch Centre Channel / Multi Purpose Loudspeaker

Cabinet colour

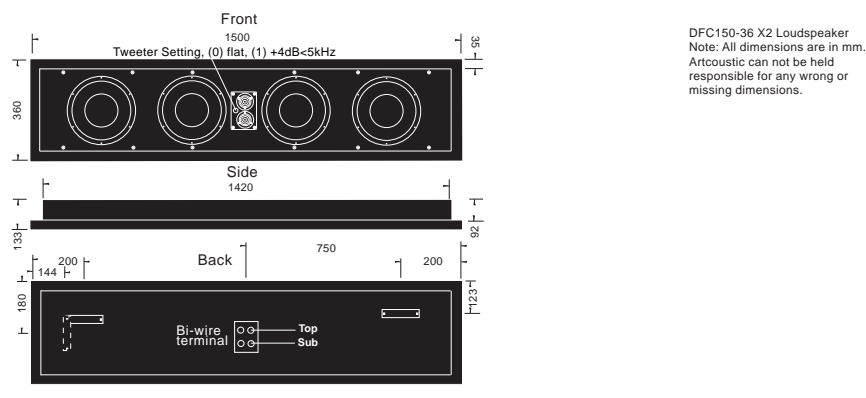


Black White RAL

Screen options



Match System Digital Print



Full Range 60 inch Centre Channel / Multi Purpose Loudspeaker

2.5-way Full Range Studio Monitor. 4 x 10 inch LF and MF unit, 2 x 1.5 inch 90 degree X2 HF unit. All screen options are available for the DFC150-36: The Match System / Digital Prints.

Operating Range:	35 Hz to 40 KHz
Beamwidth:	HF, 90 degree X2
FR:	SPL 1 Watt 95dB Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
LF:	Max SPL 116 dB SPL avg 8 ohm continuous power handling 220 W
HF:	Max SPL Switch setting (0) 114 dB, setting (1) 116 dB avg 4 ohm continuous power handling 100 W
Connections:	Gold plated push terminals, bi-amp
Dimensions:	1500 H x 360 W x 133 D mm
Weight:	30 kg each

DFC150-36 Technical highlights

Tweeter:

Dual Ring Radiator diaphragm
Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring
4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 116dB max SPL 4m 108 dB

Home Cinema, medium - large room, screening room
max SPL 1m 116dB max SPL 4m 108dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 116dB max SPL 4m 108dB

DF-Multi X2 42 inch

Left / Centre / Right, Dedicated Centre Loudspeaker

Cabinet colour

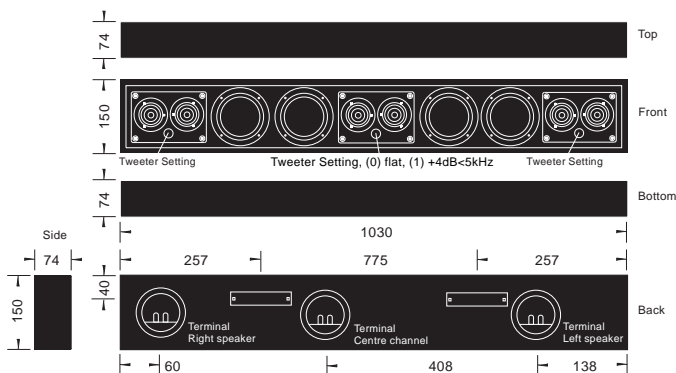


Black White RAL

Screen options



Match System



DF-Multi Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.

DF-Multi X2

Operating Range: 70 Hz to 40 KHz
Beamwidth HF: 90 degrees X2
FR: L & R SPL 1 Watt 89 dB Max SPL 104 dB avg 6 ohm continuous power handling 110 W
FR: Centre SPL 1 Watt 95 dB Max SPL 114 dB avg 8 ohm continuous power handling 220 W
LF: L & R Max SPL 89 dB avg 6 ohm continuous power handling 110 W
LF: Centre Max SPL 110 dB avg 8 ohm continuous power handling 220 W
HF: L & R Max SPL Switch setting (0) 106 dB, setting (1) 110 dB avg 4 ohm
HF: Centre Max SPL Switch setting (0) 110 dB, setting (1) 114 dB avg 4 ohm continuous power handling 100 W

Centre channel, all units in parallel: SPL 1 Watt 98dB Max SPL 114 dB avg 4 ohm continuous power handling 110 W

Connections: Gold plated push terminals, single / bi and tri amp, L,C,R.
Dimensions: 1030 H x 150 W x 74 D mm
Weight: 12 kg each

DF-Multi 42 inch Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 105dB max. SPL 4m 97dB

Home Cinema, small - medium room
max SPL 1m 105dB max SPL 4m 97dB

(Centre Channel) Home Cinema, medium - large room ,
screening room max SPL 1m 114dB max SPL 4m 106dB

DF-Multi X2 50 inch

50 inch version Left / Centre / Right, Dedicated Centre Loudspeaker

Cabinet colour

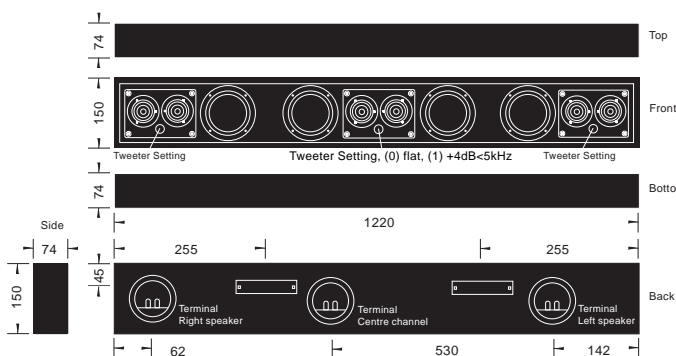


Black White RAL

Screen options



Match System



DF-Multi 50 inch X2 Loudspeaker
Note: All dimensions are in mm.
Artcoustic can not be held responsible for any wrong or missing dimensions.

DF-Multi X2 50 inch version

Operating Range: 55 Hz to 40 KHz
Beamwidth HF: 90 degrees X2
FR: L & R SPL 1 Watt 89 dB Max SPL 104 dB avg 6 ohm continuous power handling 110 W
FR: Centre SPL 1 Watt 95 dB Max SPL 114 dB avg 8 ohm continuous power handling 220 W
LF: L & R Max SPL 89 dB avg 6 ohm continuous power handling 110 W
LF: Centre Max SPL 110 dB avg 8 ohm continuous power handling 220 W
HF: L & R Max SPL Switch setting (0) 106 dB, setting (1) 110 dB avg 4 ohm
HF: Centre Max SPL Switch setting (0) 110 dB, setting (1) 114 dB avg 4 ohm continuous power handling 100 W

Centre channel, all units in parallel: SPL 1 Watt 98dB Max SPL 114 dB avg 4 ohm continuous power handling 110 W

Connections: Gold plated push terminals, single / bi and tri amp, L,C,R.
Dimensions: 1220 H x 150 W x 74 D mm
Weight: 15 kg each

DF-Multi 50 inch Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 105dB max. SPL 4m 97dB

Home Cinema, small - medium room
max SPL 1m 105dB max SPL 4m 97dB

(Centre Channel) Home Cinema, medium - large room ,
screening room max SPL 1m 114dB max SPL 4m 106dB

DF-Multi X2 60 inch

60 inch version Left / Centre / Right, Dedicated Centre Loudspeaker

Cabinet colour

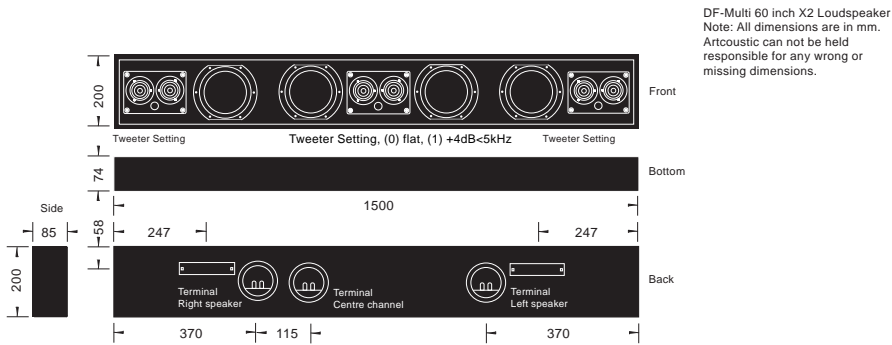


Black White RAL

Screen options

M

Match System



DF-Multi X2 60 inch version

Operating Range: 45 Hz to 40 KHz
Beamwidth HF: 90 degrees X2
FR: L & R SPL 1 Watt 89 dB Max SPL 104 dB avg 6 ohm continuous power handling 110 W
FR: Centre SPL 1 Watt 93 dB Max SPL 108 dB avg 8 ohm continuous power handling 220 W
LF: L & R Max SPL 89 dB avg 6 ohm continuous power handling 110 W
LF: Centre Max SPL 108 dB avg 8 ohm continuous power handling 220 W
HF: L & R Max SPL Switch setting (0) 106 dB, setting (1) 110 dB avg 4 ohm
HF: Centre Max SPL Switch setting (0) 108 dB, setting (1) 110 dB avg 4 ohm continuous power handling 100 W

Centre channel, all units in parallel: SPL 1 Watt 96dB Max SPL 114 dB avg 4 ohm continuous power handling 110 W

Connections: Gold plated push terminals, single / bi and tri amp, L,C,R.
Dimensions: 1500 H x 200 W x 85 D mm
Weight: 20 kg each

DF-Multi 60 inch Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 105dB max. SPL 4m 97dB

Home Cinema, small - medium room
max SPL 1m 105dB max SPL 4m 97dB

(Centre Channel) Home Cinema, medium - large room ,
screening room max SPL 1m 114dB max SPL 4m 106dB

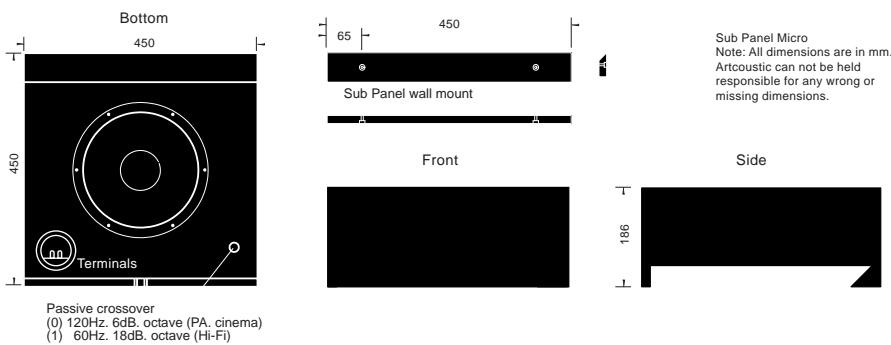
Sub Panel Micro

Professional Subwoofer

Cabinet colour



Black White RAL



Sub Panel Micro

Professional Subwoofer. 1 x 10 inch inch LF units, sealed type cabinet.

Operating Range: 25 Hz to 120 Hz
Beamwidth: Omni-directional
LF: SPL 1 Watt 92dB Max SPL 108 dB avg 4 ohm continuous power handling 250 W
Connections: Gold plated push terminals, single amp
Dimensions: 450 H x 450 W x 186 D mm
Weight: 10 kg each

For amplifier information, see PA-260 specifications

Sub Panel Micro Technical highlights

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Alu Basket

Amplifier:

300 watt into 8 ohm

Extended protection circuit

Auto turn on, turn off - signal sensing

Heat sensing fan speed

45Hz. Eq. 0dB. +3dB +6dB

Subwoofer crossover, full range, 80Hz. and 120Hz. 18dB. per octave

Applications

2-channel stereo
max SPL 1m 108dB max SPL 4m 97dB

Home Cinema, small room, screening room
max SPL 1m 108dB max SPL 4m 97dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 107dB max SPL 4m 97dB

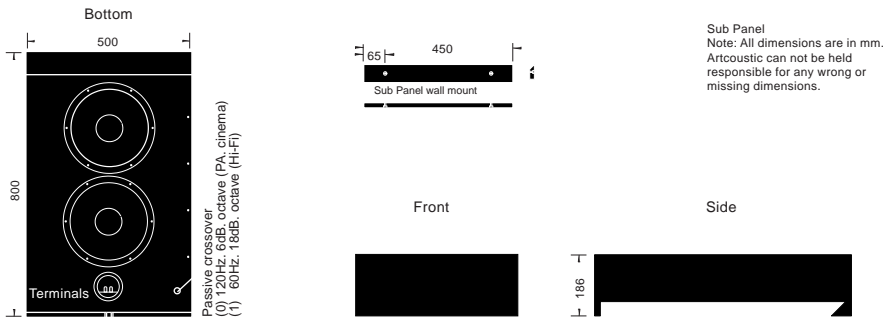
Sub Panel Duo

Professional Subwoofer

Cabinet colour



Black White RAL



Sub Panel Duo

Professional Subwoofer. 2 x 10 inch inch LF units, sealed type cabinet.

Operating Range: 20 Hz to 120 Hz
 Beamwidth: Omni-directional
 LF: SPL 1 Watt 95dB Max SPL 114 dB avg 4 ohm continuous power handling 250 W
 Connections: Gold plated push terminals, single amp
 Dimensions: 800 H x 500 W x 186 D mm
 Weight: 20 kg each

For amplifier information, see PA-260 specifications

Sub Panel Duo Technical highlights

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Alu Basket

Amplifier:

300 watt into 8 ohm

Extended protection circuit

Auto turn on, turn off - signal sensing

Heat sensing fan speed

45Hz. Eq. 0dB. +3dB +6dB

Subwoofer crossover, full range, 80Hz. and 120Hz. 18dB. per octave

Applications

2-channel stereo
 max SPL 1m 114dB max SPL 4m 100dB

Home Cinema, small - medium room, screening room
 max SPL 1m 114dB max SPL 4m 100dB

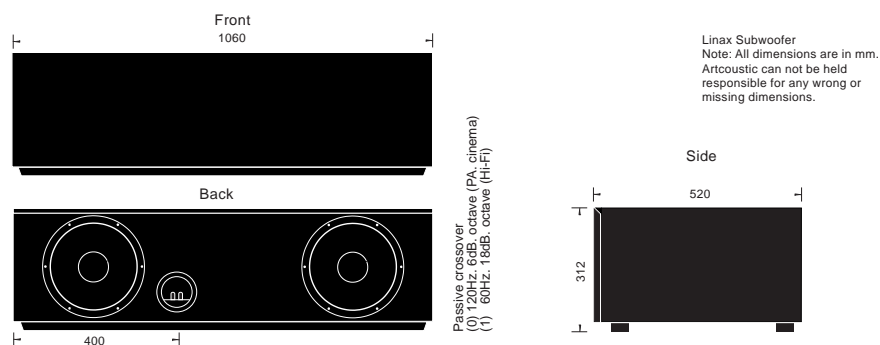
Restaurant - Bar - fixed installation - boardroom, auditorium
 max SPL 1m 114dB max SPL 4m 104dB

Linax Subwoofer

Cabinet colour



Black White RAL



Linax Subwoofer

Professional Subwoofer. 2 x 10 inch inch LF units, sealed type cabinet.

Operating Range: 20 Hz to 120 Hz
 Beamwidth: Omni-directional
 LF: SPL 1 Watt 96dB Max SPL 114 dB avg 4 ohm continuous power handling 250 W
 Connections: Gold plated push terminals, single amp
 Dimensions: 312 H x 1060 W x 520 D mm
 Weight: 30 kg each

For amplifier information, see PA-260 specifications

Linax Sub Technical highlights

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Alu Basket

Amplifier:

300 watt into 8 ohm

Extended protection circuit

Auto turn on, turn off - signal sensing

Heat sensing fan speed

45Hz. Eq. 0dB. +3dB +6dB

Subwoofer crossover, full range, 80Hz. and 120Hz. 18dB. per octave

Applications

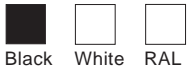
2-channel stereo
 max SPL 1m 114dB max SPL 4m 100dB

Home Cinema, small - medium room, screening room
 max SPL 1m 114dB max SPL 4m 100dB

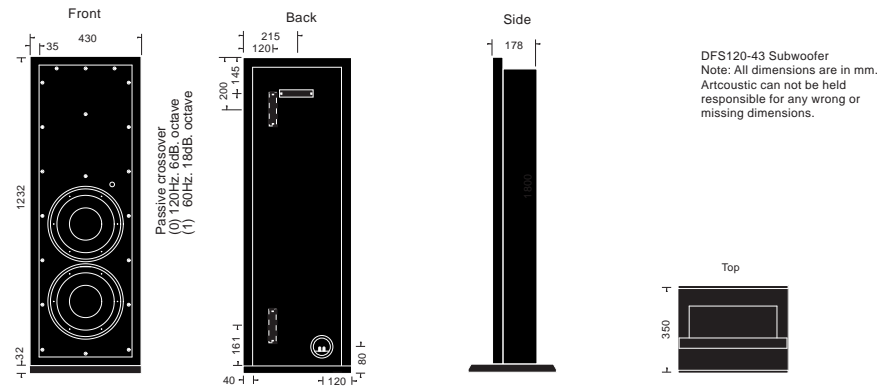
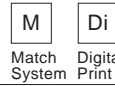
Restaurant - Bar - fixed installation - boardroom, auditorium
 max SPL 1m 114dB max SPL 4m 104dB

DFS120-43 Subwoofer

Cabinet colour



Screen options



DFS120-43 Sub

Professional Subwoofer. 2 x 10 inch LF units, sealed type cabinet. All screen options are available for the DFS180-43: The Match System / Digital Prints.

Operating Range:	20 Hz to 120 Hz
Beamwidth:	Omni-directional
LF:	SPL 1 Watt 95dB Max SPL 114 dB avg 4 ohm continuous power handling 250 W
Connections:	Gold plated push terminals, single amp
Dimensions:	1200 (1232 with base plate) H x 430 W x 178 D mm
Weight:	30 kg each

For amplifier information, see PA-260 specifications

DFS120-43 Sub Technical highlights

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Alu Basket

Amplifier:

300 watt into 8 ohm

Extended protection circuit

Auto turn on, turn off - signal sensing

Heat sensing fan speed

45Hz. Eq. 0dB. +3dB +6dB

Subwoofer crossover, full range, 80Hz. and 120Hz. 18dB. per octave

Applications

2-channel stereo
max SPL 1m 114dB max SPL 4m 100dB

Home Cinema, small - medium room, screening room
max SPL 1m 114dB max SPL 4m 100dB

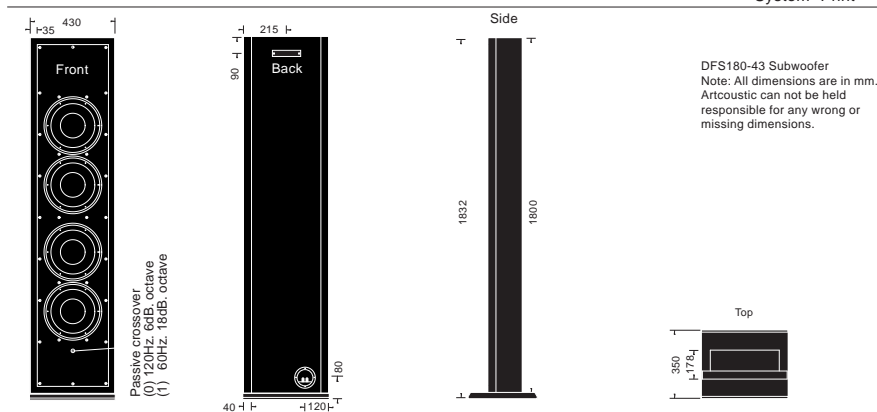
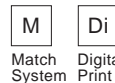
Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 114dB max SPL 4m 104dB

DFS180-43 Subwoofer

Cabinet colour



Screen options



DFS180-43

Professional Subwoofer. 4 x 10 inch LF units, sealed type cabinet. All screen options are available for the DFS180-43: The Match System / Digital Prints.

Operating Range:	15 Hz to 120 Hz
Beamwidth:	Omni-directional
LF:	SPL 1 Watt 99dB Max SPL 119 dB SPL avg 8 ohm continuous power handling 550 W
Connections:	Gold plated push terminals, single amp
Dimensions:	1800 (1832 with base plate) H x 430 W x 178 D mm
Weight:	55 kg each

DFS180-43 Sub Technical highlights

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Alu Basket

Amplifier:

300 watt into 8 ohm

Extended protection circuit

Auto turn on, turn off - signal sensing

Heat sensing fan speed

45Hz. Eq. 0dB. +3dB +6dB

Subwoofer crossover, full range, 80Hz. and 120Hz. 18dB. per octave

Applications

2-channel stereo
max SPL 1m 120dB max SPL 4m 104dB

Home Cinema, medium - large room, screening room
max SPL 1m 120dB max SPL 4m 104dB

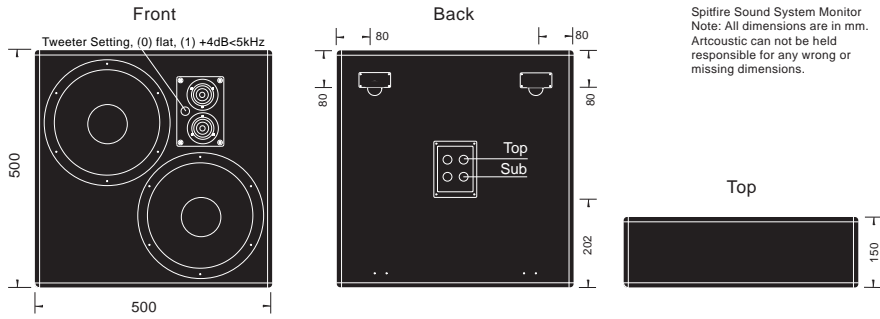
Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 120dB max SPL 4m 104dB

Spitfire Monitor

Cabinet colour



Black



Spitfire Monitor

2.5-way Full Range Professional Monitor. 2 x 10 inch LF and MF units, 2 x 1.5 inch 90 degree X2 HF unit.

Operating Range:	30 Hz to 40 KHz
Beamwidth HF:	90 degree X2
FR:	SPL 1 Watt 95dB Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
LF:	Max SPL 114 dB SPL avg 4 ohm continuous power handling 220 W
HF:	Max SPL Switch setting (0) 112 dB, setting (1) 116 dB avg 4 ohm continuous power handling 100 W
Connections:	Gold plated push terminals, Bi-amp
Dimensions:	500 H x 500 W x 150 D mm
Weight:	15 kg each

Spitfire Monitor Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo / mid field / fullspace studio monitoring
max SPL 1m 116dB max SPL 4m 106dB

Home Cinema, small - medium room, screening room
max SPL 1m 116dB max SPL 4m 106dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 116dB max SPL 4m 106dB

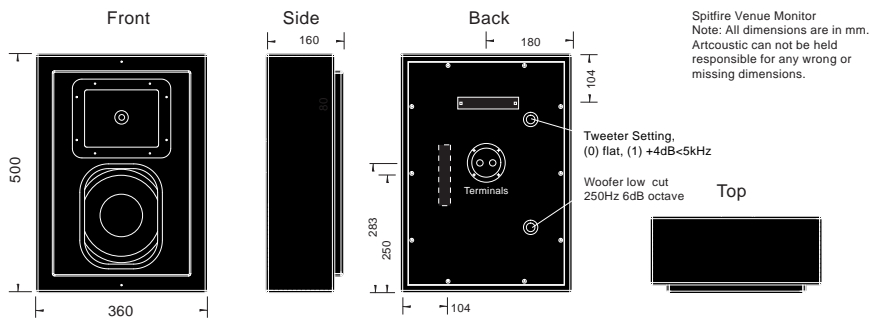
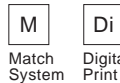
Spitfire Venue

Cabinet colour



Black

Screen options



Spitfire Venue

2-way Full Range Monitor. 1 x 10 inch LF and MF unit, 1 x 1 inch 90 x 60 constant directivity compression horn.

Operating Range:	40 Hz to 18KHz
Beamwidth HF:	90 x 60 degree constant directivity compression horn
FR:	SPL 1 Watt 97dB Max SPL 120 dB SPL avg 8 ohm continuous power handling 220 W
LF:	Max SPL 116 dB SPL avg 8 ohm continuous power handling 220 W
HF:	Max SPL Switch setting (0) 118 dB, setting (1) 120 dB avg 8 ohm continuous power handling 100 W
Connections:	Gold plated push terminals
Dimensions:	500 H x 360 W x 160 D mm
Weight:	10 kg each

Spitfire Venue Technical highlights

Tweeter:

90 x 60 degree constant directivity compression horn

High SPL over long distance

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo / home cinema
max SPL 1m 120dB max SPL 4m 110dB

Commercial Cinema, medium - large room, screening room
max SPL 1m 120dB max SPL 4m 110dB

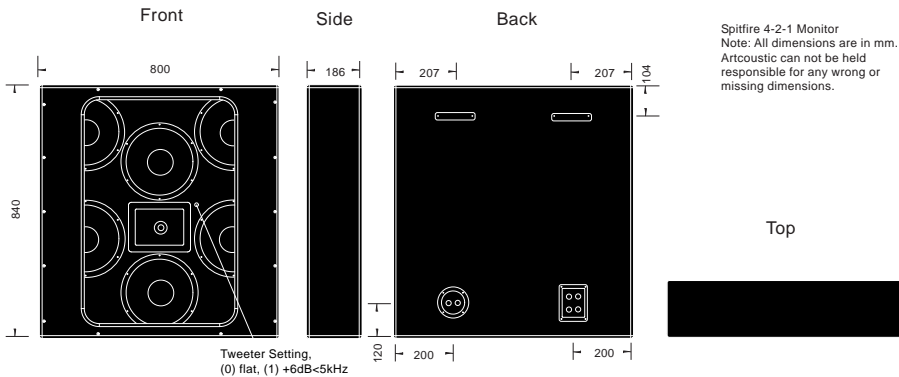
Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 120dB max SPL 4m 110dB

Spitfire 4-2-1

Cabinet colour



Black



Spitfire 4-2-1

3-way Full Range Monitor. 4 x 10 inch LF units and 2 x 10 inch MF units, 1 x 1 inch 90 x 60 constant directivity compression horn.

Operating Range:	20 Hz to 18KHz
Beamwidth HF:	90 x 60 degree constant directivity compression horn
FR:	SPL 1 Watt 99dB Max SPL 122 dB SPL avg 4 ohm continuous power handling 250 W
LF:	Max SPL 122 dB SPL avg 8 ohm continuous power handling 500 W
HF:	Max SPL Switch setting (0) 120dB, setting (1) 124 dB avg 8 ohm continuous power handling 100 W
Connections:	Gold plated push terminals
Dimensions:	840 H x 800 W x 186 D mm
Weight:	45kg each

Spitfire 4-2-1 Technical highlights

Tweeter:

90 x 60 degree constant directivity compression horn
High SPL over long distance

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring
4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo / home cinema
max SPL 1m 122dB max SPL 4m 112dB

Commercial Cinema, medium - large room, screening room
max SPL 1m 122dB max SPL 4m 112dB

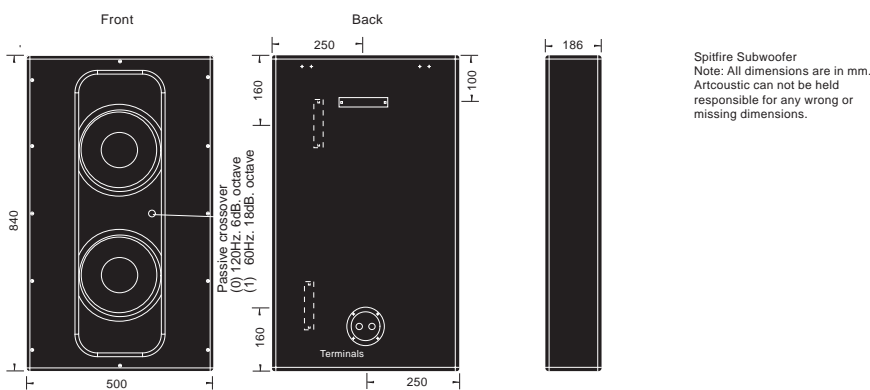
Restaurant - Bar - fixed installation - auditorium
max SPL 1m 122dB max SPL 4m 112dB

Spitfire Subwoofer

Cabinet colour



Black



Spitfire Subwoofer

Professional Subwoofer. 2 x 10 inch LF units, sealed type cabinet.

Operating Range:	20 Hz to 120 Hz
Beamwidth:	Omni-directional
LF:	SPL 1 Watt 97dB Max SPL 114 dB SPL avg 4 ohm continuous power handling 300 W
Connections:	Gold plated push terminals, single amp
Dimensions:	840 H x 500W x 186 D mm
Weight:	35 kg each

For amplifier information, see PA-260 specifications

Spitfire Sub Technical highlights

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring
4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Alu Basket

Amplifier:

300 watt into 8 ohm

Extended protection circuit

Auto turn on, turn off - signal sensing

Heat sensing fan speed

45Hz. Eq. 0dB. +3dB +6dB

Subwoofer crossover, full range, 80Hz. and 120Hz. 18dB. per octave

Applications

2-channel stereo / mid field / fullspace studio monitoring
max SPL 1m 114dB max SPL 4m 100dB

Home Cinema, small - medium, screening room
max SPL 1m 114dB max SPL 4m 100dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 114dB max SPL 4m 104dB

SUPERSTAR

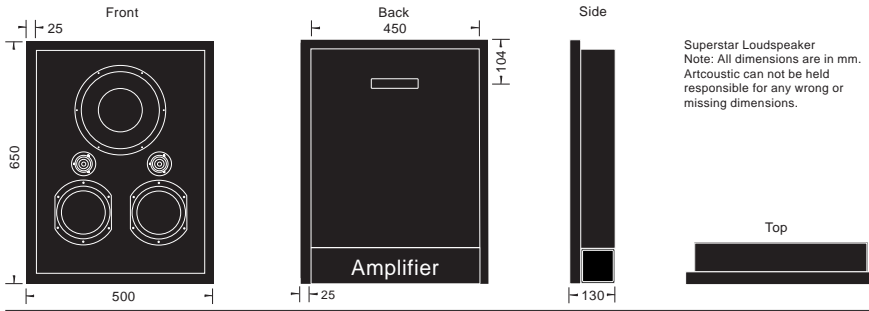
Active Music Centre

Cabinet colour

Black

Screen options

M Match System
Di Digital Print



SUPERSTAR

3-way full range active music centre with built-in subwoofer. 2 x 5.5 inch LF-MF units, 2 x 1.5 inch 90 degree X2 HF unit, 1 x 10" subwoofer and a 2x150watt amplifier into 8ohm. All screen options are available for the SUPERSTAR: The Match System / Digital Prints.

Operating Range: 30 Hz to 40 KHz
Beamwidth HF: 90 degree X2 with Target lens 160 degree
FR: SPL 1 Watt 93dB Max SPL 106 dB SPL avg 4 ohm continuous power handling 120 W
LF: Max SPL 106 dB SPL avg 4 ohm continuous power handling 120 W
HF: Max SPL 106 dB.
continuous power handling 100 W
Connections: Active
Dimensions: 650 H x 500 W x 130 D mm.
Weight: 18 kg each

For amplifier information, see PA-260 specifications

Superstar Active Technical highlights

Tweeter:

Dual Ring Radiator diaphragm
Highly linear suspension and Low loss surrounds for high clarity and clean transient response
Copper caps for better HF extension and lower distortion
Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring
4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

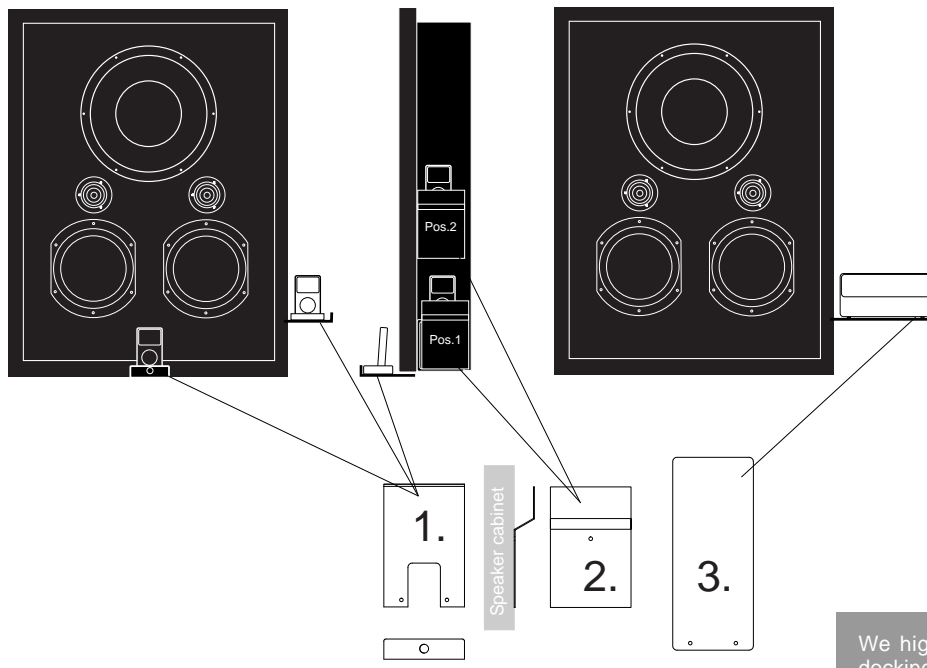
Linear Phase 6 and 12 dB per octave

Applications

2-channel stereo
max SPL 1m 106dB max SPL 4m 102dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 106 dB max SPL 4m 102dB

SUPERSTAR Accessories, source and fitting instructions



Source Options

The SUPERSTAR comes with three shelf options to accommodate your chosen source. Mount the shelf which best suits your source using the screws supplied.

Shelf 1

Front or side mounting option. Ideal for small – medium digital source and docking station

Shelf 2

Side mounting only. This pocket design is ideal for sources such as mobile phones without docking stations

Shelf 3

Side mounting only. Large shelf for larger sources

the SUPERSTAR is compatible with any digital source, including:

iPod®, iPhone®, AirPort Express®, Archos®, Sonos®, Squeezebox®, Bose®, B&O®

We highly recommend the use of a purpose designed docking station no matter what the type or brand of MP3 player, or other source.

Note that by using the mini jack straight out of the source, the audio output in some cases will be limited. In most cases this can be eliminated by using a docking station or a purpose made output connector, such as a multi pin connector to RCA.

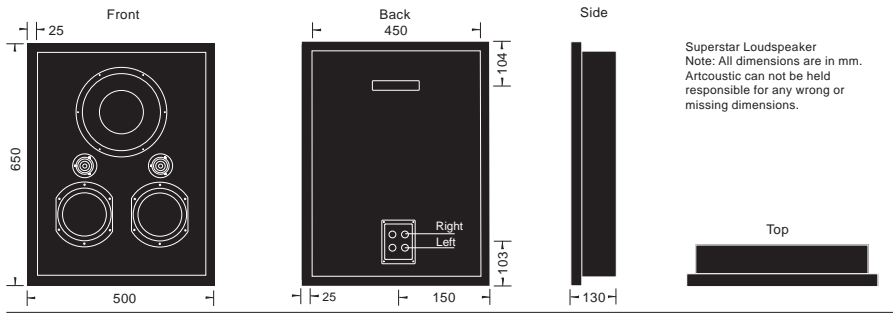
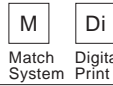
SUPERSTAR

Passive Stereo Speaker

Cabinet colour



Screen options



SUPERSTAR PASSIVE

3-way full range passive music centre with built-in subwoofer. 2 x 5.5 inch LF-MF units, 2 x 1.5 inch 90 degree X2 HF unit, 1 x 10" subwoofer and a 2x150watt amplifier into 8ohm. All screen options are available for the SUPERSTAR: The Match System / Digital Prints.

Operating Range:	30 Hz to 40 KHz
Beamwidth HF:	90 degree X2 with Target lens 160 degree
FR:	SPL 1 Watt 93dB Max SPL 106 dB SPL avg 4 ohm continuous power handling 120 W
LF:	Max SPL 106 dB SPL avg 4 ohm continuous power handling 120 W
HF:	Max SPL 106 dB. continuous power handling 100 W
Connections:	Gold plated push terminals
Dimensions:	650 H x 500 W x 130 D mm.
Weight:	13 kg each

Superstar Passive Technical highlights

Tweeter:

Dual Ring Radiator diaphragm

Highly linear suspension and Low loss surrounds for high clarity and clean transient response

Copper caps for better HF extension and lower distortion

Wave-guide center plug, copper-clad aluwire

Woofers:

Extra long excursion and Aluminum Short Circuiting Ring

4-layer voice coil, anodized aluminum for improved heat dissipation.

Distortion Reduced Motor

Rigid Cast Steel Basket

Crossover:

Linear Phase 6 and 12 dB per octave

Applications

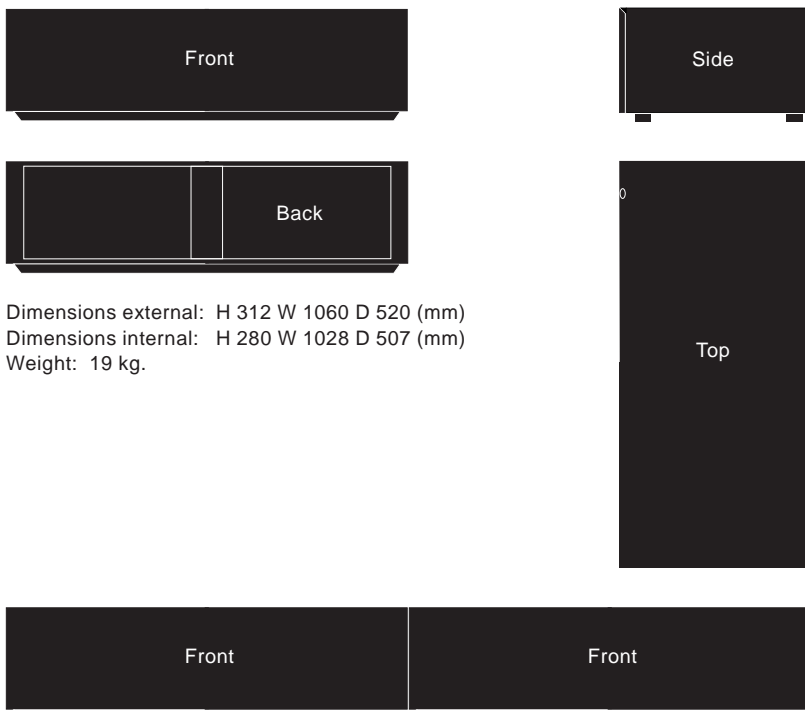
2-channel stereo
max SPL 1m 106dB max SPL 4m 102dB

Restaurant - Bar - fixed installation - boardroom, auditorium
max SPL 1m 106 dB max SPL 4m 102dB

Linax

AV Storage Cabinet

Cabinet colour



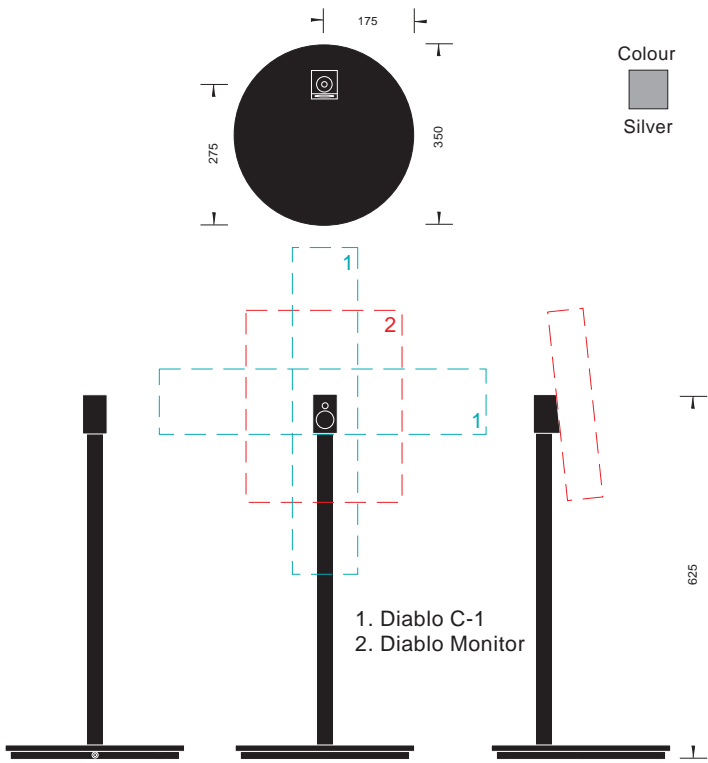
Linax AV Storage Cabinet

The Linax Duo is the perfect storage solution for your hi-fi or home cinema equipment. Clean Danish lines complement the most contemporary of interiors and practically, the open-back design allows airflow within the unit to keep the electronics cool. Perfectly proportioned, the Linax Duo offers stylish, versatile storage. Use combined with our Media Walls for a clean, contemporary solution.

For remote use of equipment when the cabinet doors are closed, utilise the Artcoustic Octo fibre optic infra-red repeater.

The Linax AV-storage cabinet is delivered fully assembled.



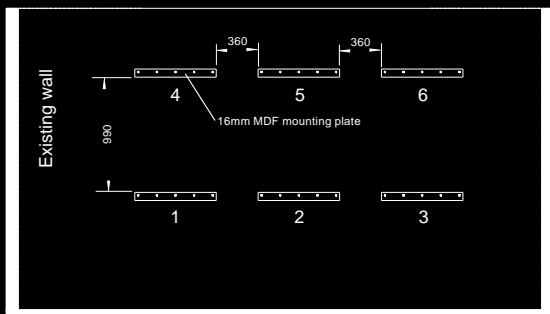


Diablo Stands

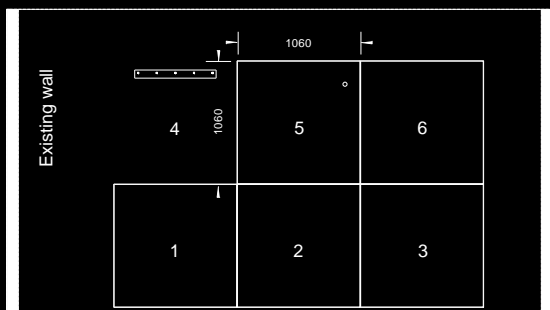
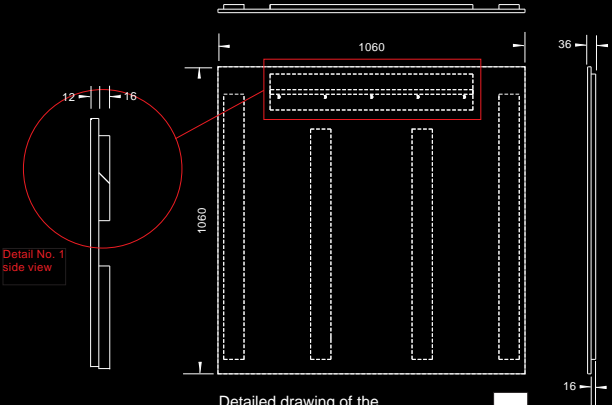
The Diablo stands complement the entire Diablo range where wall mounting is not possible. The stand utilises a concealed wiring system, ensuring the aesthetic appeal of any installation. The Diablo Monitor and Diablo C-1 are easily mounted by a single metal insert placed on the rear panel of the speaker.

Artcoustic Media Wall.

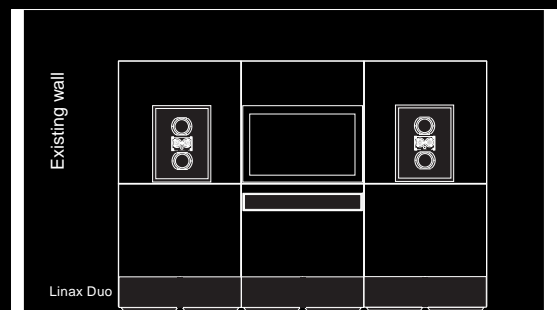
An innovative new product from Artcoustic; the Media Wall makes it easy to create a beautiful installation in no time. The Artcoustic Media Wall is designed so that cables from your flat screen TV and loudspeakers are easily hidden, ensuring a perfect finish to your installation. The simplicity of the Artcoustic Media wall creates a clean foundation for your Artcoustic system in a few easy steps. By using the Artcoustic Linax Duo storage furniture, it is possible to completely integrate and hide the AV equipment in your installation. Two pieces of the Linax Duo fits the exact width of two Media Wall panels (212cm). The Media Wall pack comprises two wall panels and fixtures, and is available in our standard black and white finish.



1 Screw the mounting plate onto the existing wall, this must be done with a very high horizontal precision $\pm 0.5\text{mm}$



2 Mount the media wall plates on the wall, simply by sliding the wall mount plate and the media wall plate together, see detail drawing No. 1



3 Measure the position speakers and screen brackets, drill holes for cables etc. Mount products onto the Artcoustic Media Wall

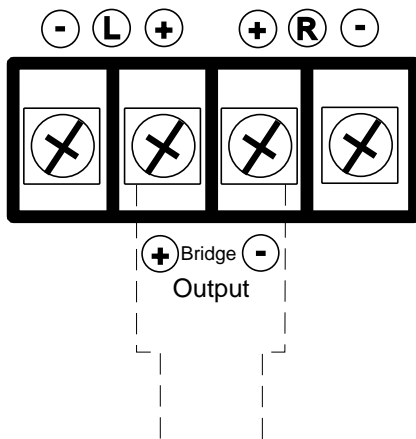
Artcoustic PA-260 Professional Multi Purpose Amplifier.

Artcoustic has designed and engineered the PA-260 Professional Multi Purpose Amplifier. The PA-260 performs smoothly and accurately even in the most demanding conditions. The PA-260 is matched to all the Artcoustic loudspeakers' impedance and tonality, making a perfect match with amazing detail, control and dynamics.

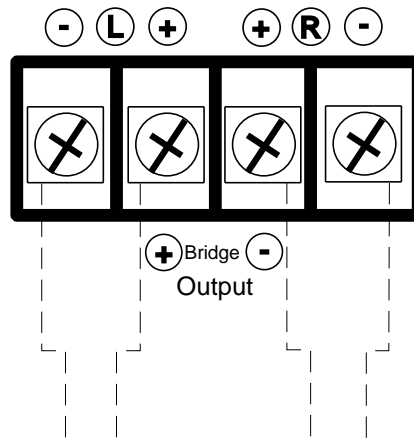
The PA-260 offers incredible 2 channel performance in a rack mountable chassis just 2U high. This together with its high performance and silent running dual fan speed cooling system means it is suitable for almost any application, from recording studios to commercial bars & restaurants, high quality hi-fi and home cinema systems. It features 2 mono blocks with a total of 300 watt 8ohm bridged.



PA-260



Bridge mode output mainly used in conjunction with Artcoustic subwoofers and for high power requirements



Typical stereo connection for all purpose use, such as a stereo sound system or multi room speaker system
(If switch is set to mono, the left and right channel will be combined and both channel will output identical signal)

Important!

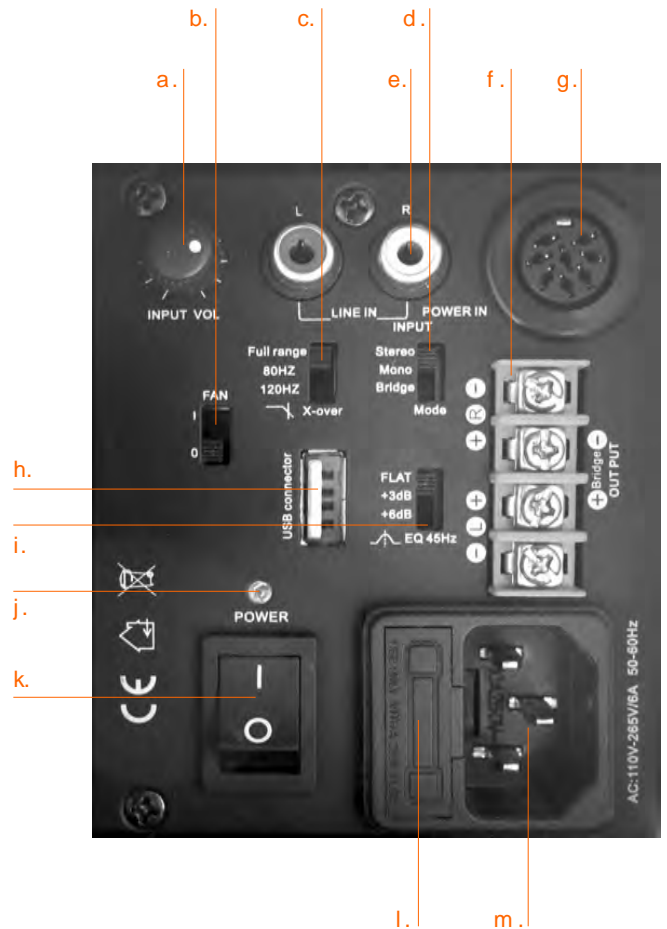
Always check for correct polarity on speaker wires

Always turn off the amplifier before connecting speaker cables

Always turn off the amplifier before using any of the filters, crossover, bass EQ. stereo, bridge and mono

PA-260 Power Amplifier Functions

- a. Master volume control
- b. Cooling fan setting 0 heat sensitive fan speed.
Setting 1. constant fan speed
- c. Subwoofer crossover, full range, 80Hz. and 120Hz. cut high frequency cut 18dB per octave
- d. Stereo, mono and bridge mode setting (do not use bridge mode setting with Superstar)
- e. RCA unbalanced audio input, left and right channel
- f. Speaker output terminals, stereo and bridge mode
- g. Bang and Olufsen DIN input
- h. USB iPod battery charger
- i. EQ. @ 45Hz. flat, +3dB. +6dB bass boost
- j. Power on/off LED indicator
- k. On/off main switch (PA-260 are equipped with a automatic power on/off function, so no need to turn the amplifier off on main switch)
- l. Main power fuse
- m. Main power input socket (Auto voltage selector 110V. to 230V.)



Artcoustic PA-260 2 channel amplifier (bridged mono block) features

- Only 2 rack units high, means It has a very high output while occupying minimal rack space.
- input sensitivity control.
- Signal presence and protection indicator.
- Unbalanced input via RCA connectors, DIN input (Bang & Olufsen)
- USB charger (iPod)
- Stable performance down to 4 ohms.
- Auto turn on, turn off - signal sensing
- Stereo, mono or bridge mode switch
- 45Hz. Eq. 0dB. +3dB +6dB
- Subwoofer crossover, full range, 80Hz. and 120Hz. 18dB. per octave
- High current bi-polar technology.
- Dual monoblock amplifier PCB design, bridge mode.
- Extended protection circuit.
- High efficiency switching supply, multi voltage 110V. to 230V.
- Heat sensing fan speed, setting 0 residential = silent, setting 1 commercial = constant fan speed
- Totally protected against overheating and shorting and includes DC prevention at the output stage.
- 3 year guarantee.

Technical Specification

Output power 20Hz-20KHz RMS program channel

4 ohm	180 WRMS
8 ohm	130 WRMS

Output power 20Hz-20KHz RMS program bridged

8 ohm	300 WRMS
Recommended impedance 8 ohm	

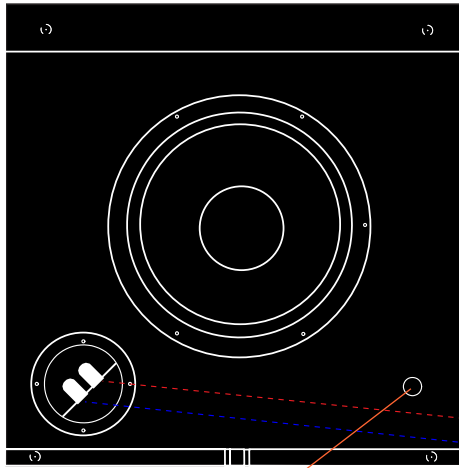
Input sensitivity

RCA unbalanced 600mV/1kOhm
 DIN (Bang and Olufsen) 600mV/1kOhm
 S/N ratio channel 89dB
 Frequency response: 20Hz -20KHz
 THD <0.05%
 Damping factor @ 8 ohm > 600
 Crosstalk > 45dB
 Slew rate 30V/ms.
 Power: 115V/230V ac 360VA
 Protection, heat, DC, short cut and soft start
 Dimensions (H x W x D) : 89 x 484 x 92mm
 Weight : 6Kg

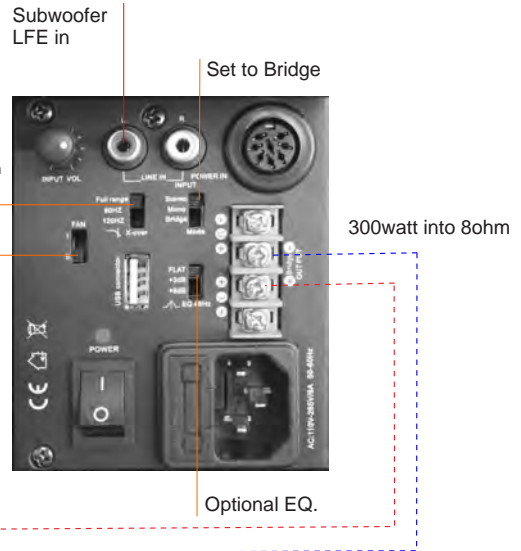
Most importantly, the PA-260 has been designed and engineered to match the Artcoustic loudspeaker's impedance and tonality, making them perfect partners.

Amplification when used with Artcoustic subwoofers:

- Panel Sub Micro
- Panel Sub Duo
- Linax Sub
- DFS120-43 Sub
- DFS180-43 Sub
- Spitfire Sub



Crossover setting should be full range if used with an AV processor (with bass management), 80Hz or 120Hz if used in a stereo system (without bass management)



Passive crossover
 (0) 120Hz, 6dB, octave (Cinema and P.A. Applications)
 (1) 60Hz, 18dB, octave (Hi-fi only)

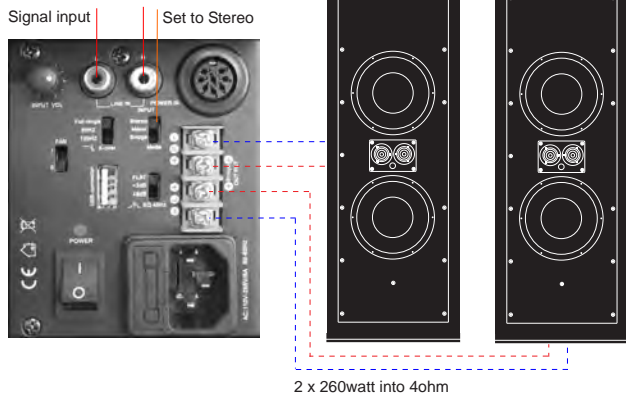
IMPORTANT:
 When used with PA-260 always use setting 0



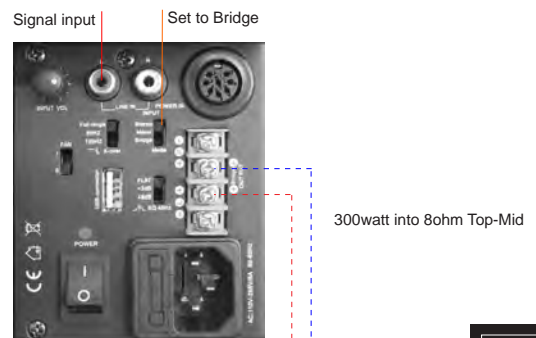
Artcoustic PA-260 2 channel Amplifier in bridge mode

PA-260 amplification when used with Artcoustic loudspeakers:

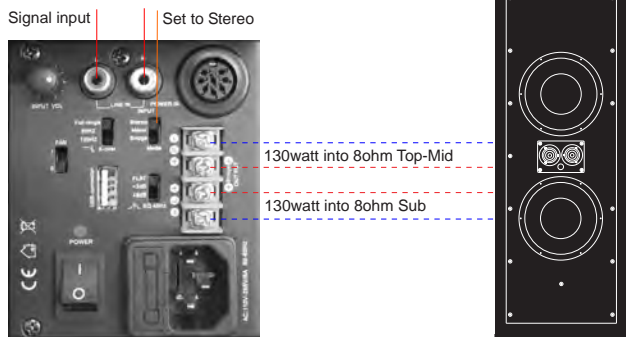
Stereo amplification, single amp



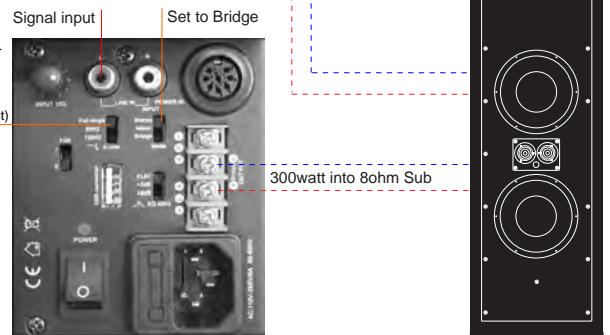
Bridged mono block amplification, Bi-amped



Stereo amplification, Bi-amped

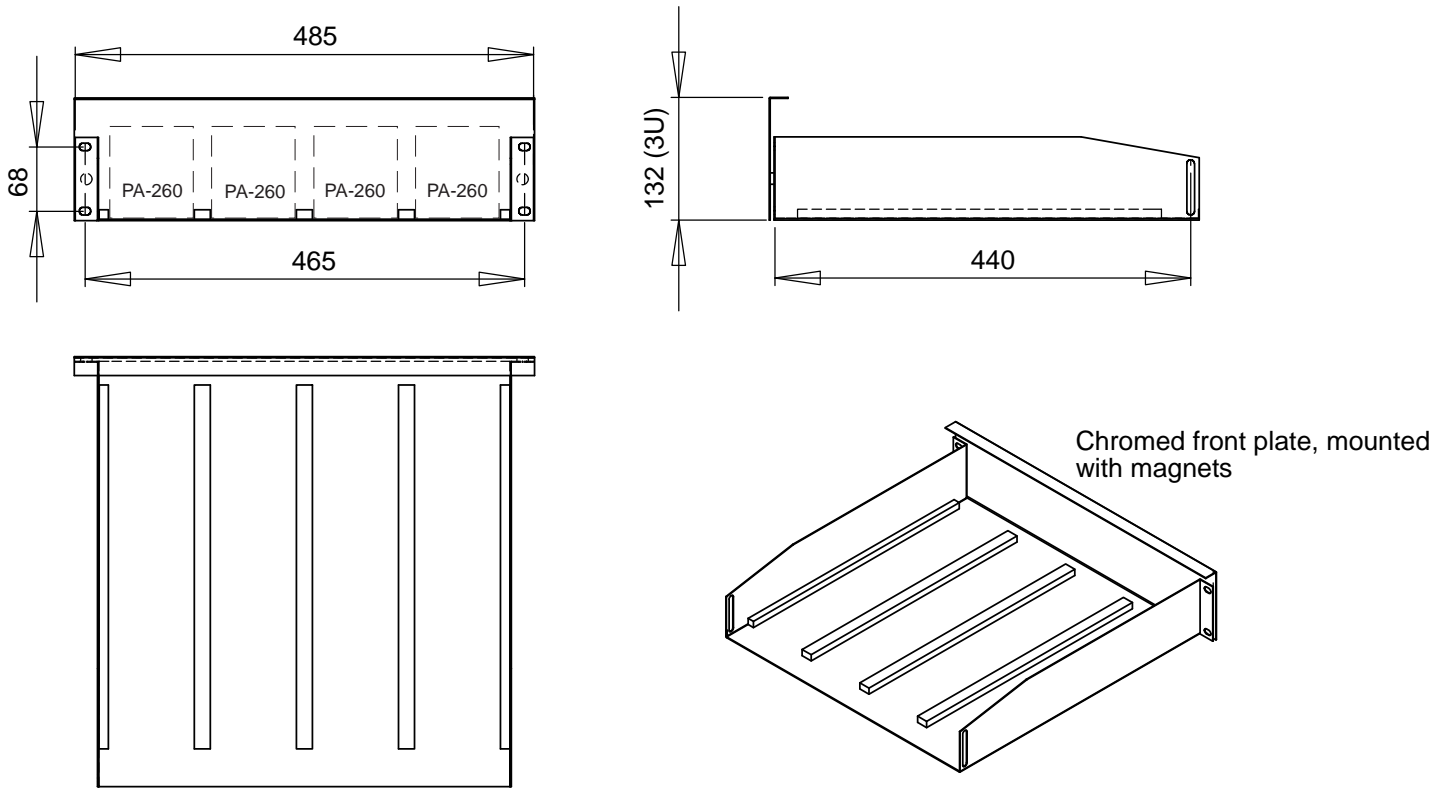


Crossover setting should be full range if used with an AV processor (with bass management), 80Hz or 120Hz if used in a stereo system (without bass management)

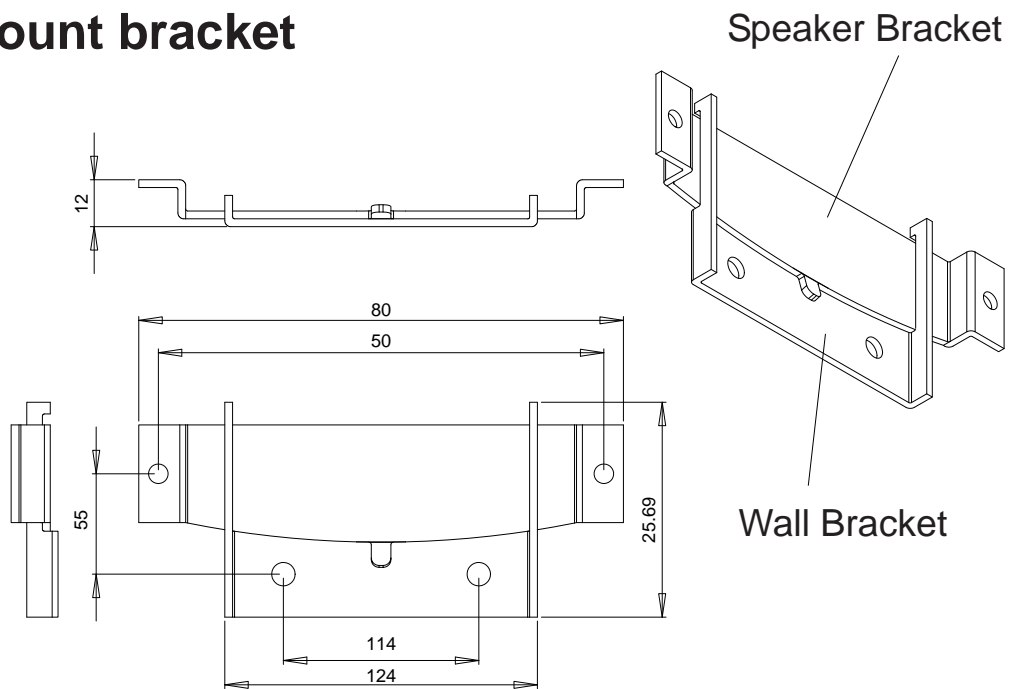
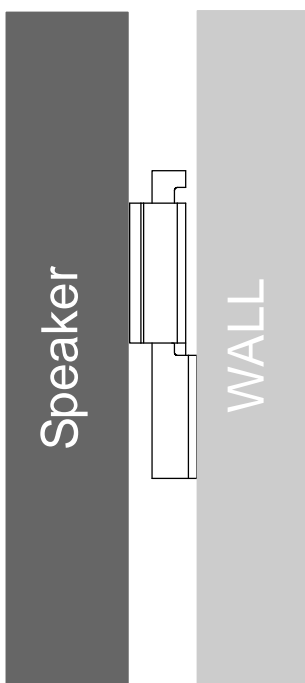


PA-260 amplification rack mount shelf.

Mount up to 4 PA-260 in a 3U rack space, total of 1200watt into 8 ohm 4 channels mono block configuration, or as a combination of stereo and bridged settings.



Adjustable wall mount bracket



Fitting Instructions:

Using screws and fixings suitable for your wall type (not supplied) mount the Wall Bracket to the desired height. Decide where the top of your speaker should be and measure down for the wall bracket position. Once the Wall Bracket is securely fixed hook the Speaker Bracket over the Wall Bracket. The curved edge of the Speaker Bracket allows for levelling adjustment – take the weight of the speaker and then carefully straighten the unit. Once straight release the unit and the bracket locks in to place.

Artcoustic Acoustic Absorbers

Room correction the beautiful way.

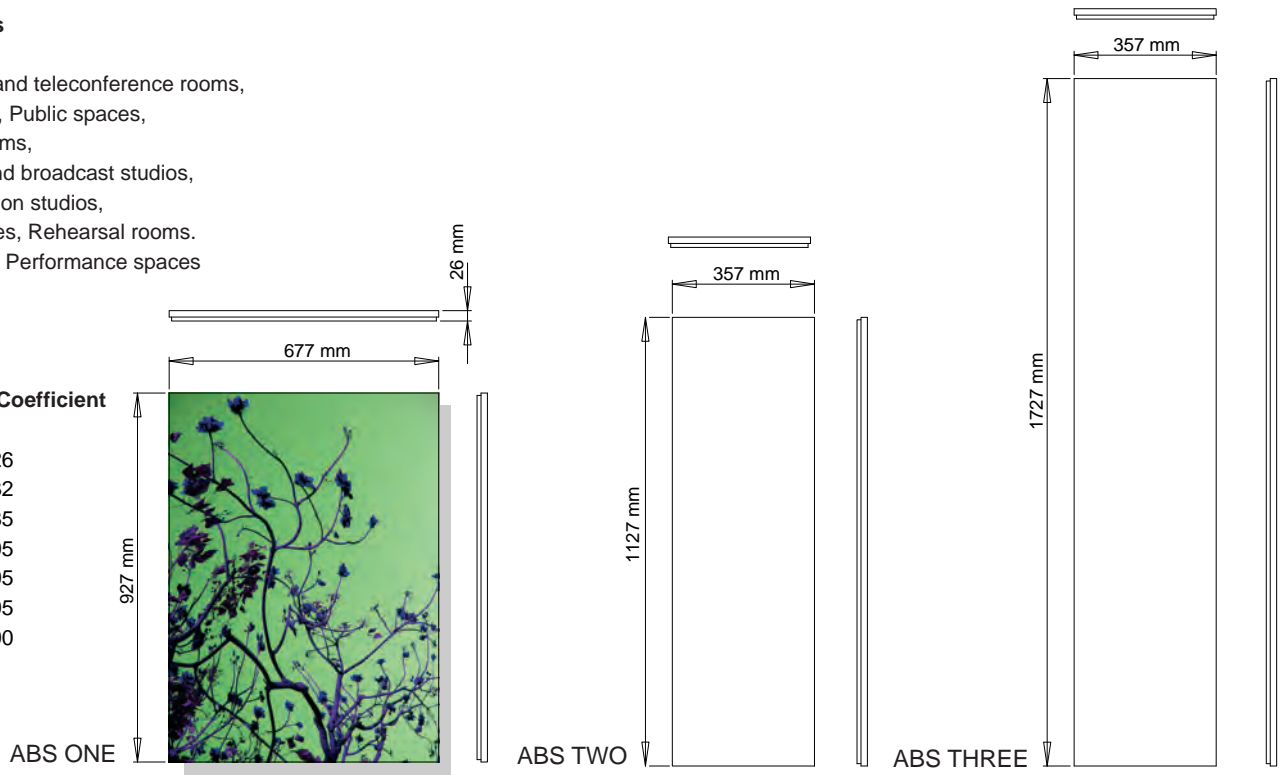
With the Artcoustic ABS ONE, ABS TWO and ABS THREE, it is now possible to correct rooms with acoustic problems in a simple, efficient and visually attractive way. The ABS absorbers are easy to mount flat on walls or ceiling surfaces, eliminating acoustic problems, such as room reverberation and slap echoes. The ABS absorbers are designed as a layered construction of highly dense materials giving a maximum absorption coefficient from relatively small surfaces. Only a few ABS absorption panels will make a vast improvement in an acoustically reverberant room. All images from the Artcoustic Art Portfolio and Match System colours are available on the ABS absorber range, creating freedom to design and integrate around existing room decoration and architecture.

Applications

Conference and teleconference rooms,
Lecture halls, Public spaces,
Listening rooms,
Recording and broadcast studios,
Post production studios,
Home theatres, Rehearsal rooms.
Auditoriums, Performance spaces

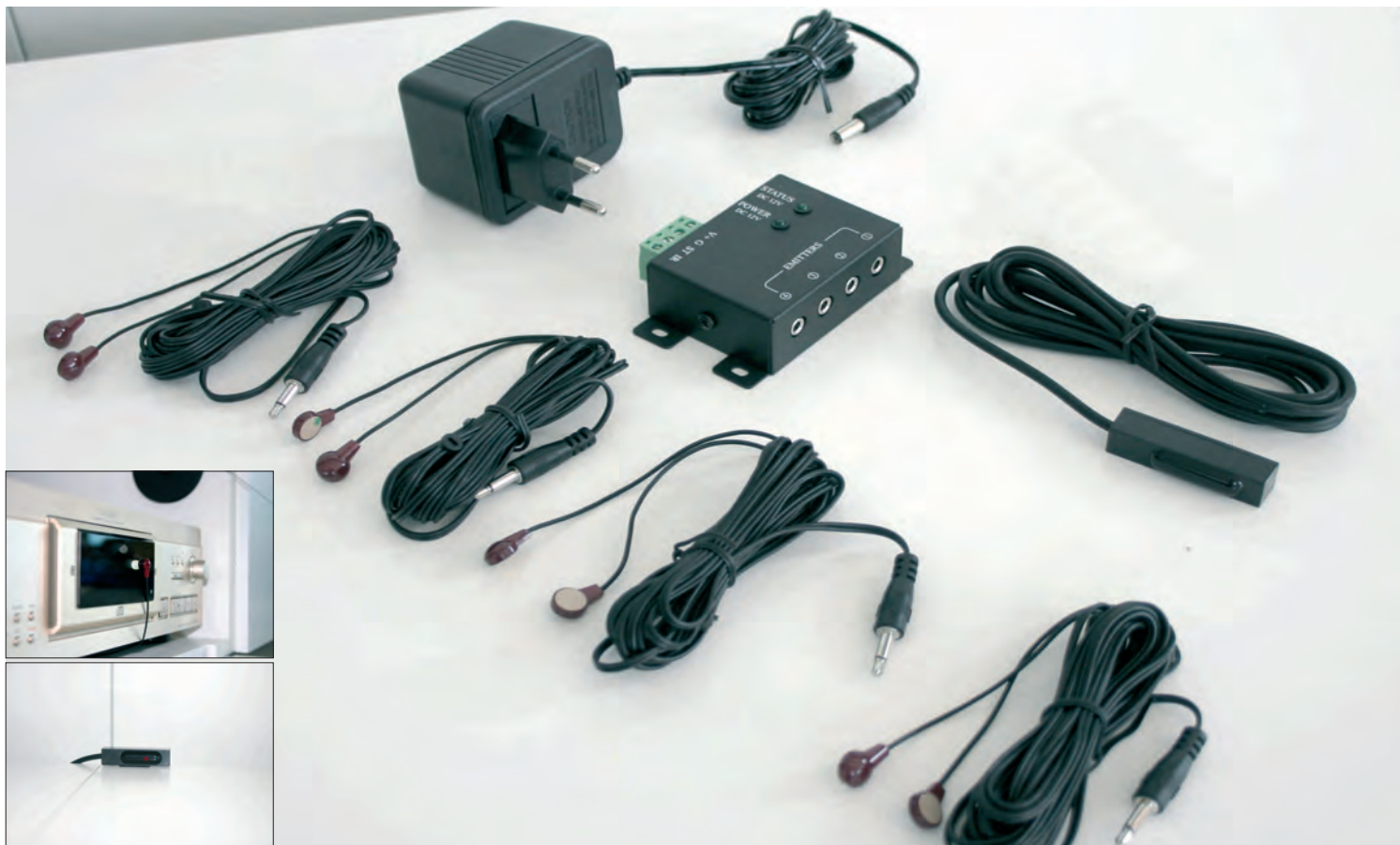
Absorption Coefficient

125Hz.	0.26
250Hz.	0.32
500Hz.	0.85
1kHz.	0.95
2kHz.	0.95
4kHz.	0.95
6kHz.	0.90



OCTO IR Repeater Kit

The Artcoustic OCTO IR repeater is ideal for controlling up to 8 units of A/V devices. The Artcoustic OCTO IR repeater kit is compatible with all standard IR remote control handsets and is plasma friendly





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ARTCOUSTIC™ Loudspeakers