ARENA-Series Passive Speakers



ARENA

The passive loudspeaker range ARENA offers four different high-quality 2-way enclosures and three powerful subwoofers. This series can be used for many different mobile or fixed install applications due to its extensive configurations. All high/mid units use a multipurpose housing made out of multilayer birch wood, offering a pole mount, 12 professional flypoints and a slanted backside for monitor applications.

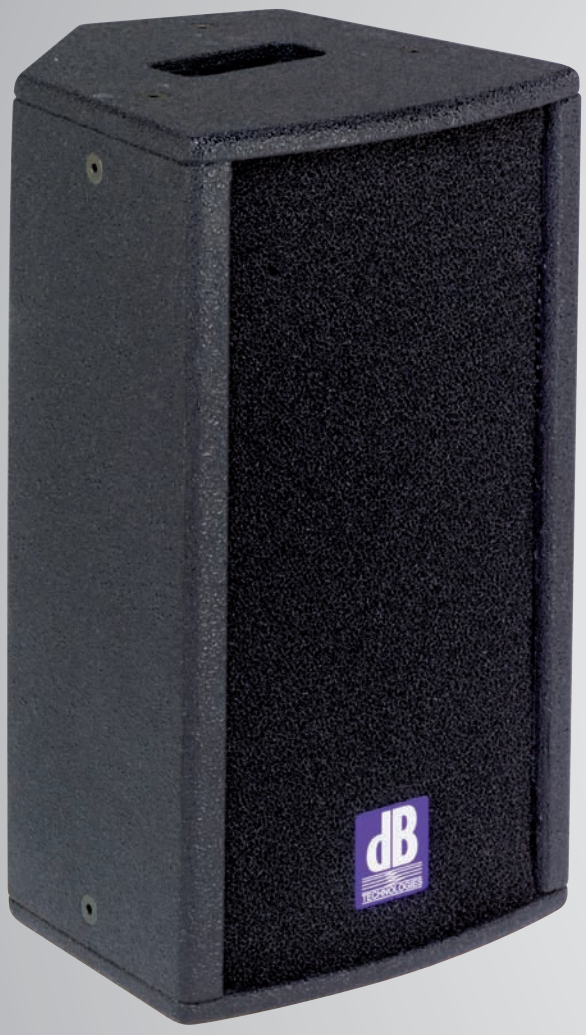
Due to the premium loudspeaker components, all units are able to handle high sound pressure levels. They offer outstanding, specially designed constant directivity horns which are rotatable by 90°, thanks to the symmetrical shape.
The low weight of the enclosures allows easy handling. All models are equipped with a black front grill with acoustic foam layer;the housing is finished with black paint

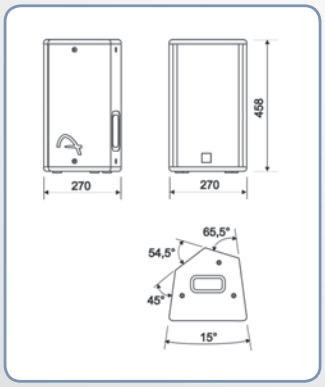
- High-quality multifunctional housing made of 18mm multiplex coated with a robust black textured finish
- Professional-grade M8/M10 threaded rigging points
- Rotatable high-frequency, wide-dispersion horns painstakingly engineered for excellent performance
- High-quality components selected for ultra precise response
- Professional speakon connectors, parallel output included
- High-quality passive voice crossovers featuring PTC tweeter protection
- Protective cover included (ARENA 8/10/12/15)
- Subwoofer's threaded M20 base ready to accept a pole mount
- Subwoofer ready to accept professional-grade casters
- Professional mounting accessories optionally available



ARENA 8

Passive speaker





System 8-12



Accessory







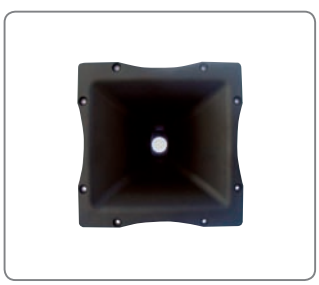
ARENA 8
8“ 2-Way speaker

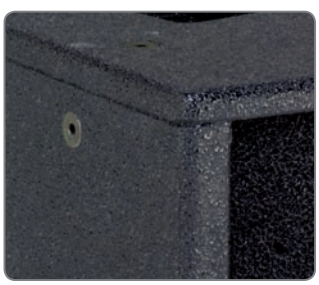
The ARENA 8 is equipped with a 8“ woofer and a 1“ driver with a rotatable CD horn. The unit can handle 200W/ RMS power and provides sound pressure levels of up to 122dB

The ARENA 8 is recommended for speech and background music, as a very compact stage monitor or combined with the ARENA SW12 subwoofer as a small PA system.or combined with the ARENA SW12 subwoofer as a small PA system.

- Power (RMS): 200 W
- Power (PRG): 400 W
- Speakers: 8” woofer, 1.5” coil, 1” driver
- Freq. response (-3dB): 100-19000 Hz
- SPL max.: 122 dB
- Crossover: 2100 Hz
- Dispertion Angle: 90°x70°
- Slope: 18 dB/Oct.
- Connectors (In/Out): 2xNeutrik Speakon®
- Impedance: 8 Ohms
- Flying Points: 12 x M8
- Pole Mount / Handles: 35mm/ 1
- Dimensions (WxHxD): 270 x 458 x 270 mm
- Weight: 9,3 kg

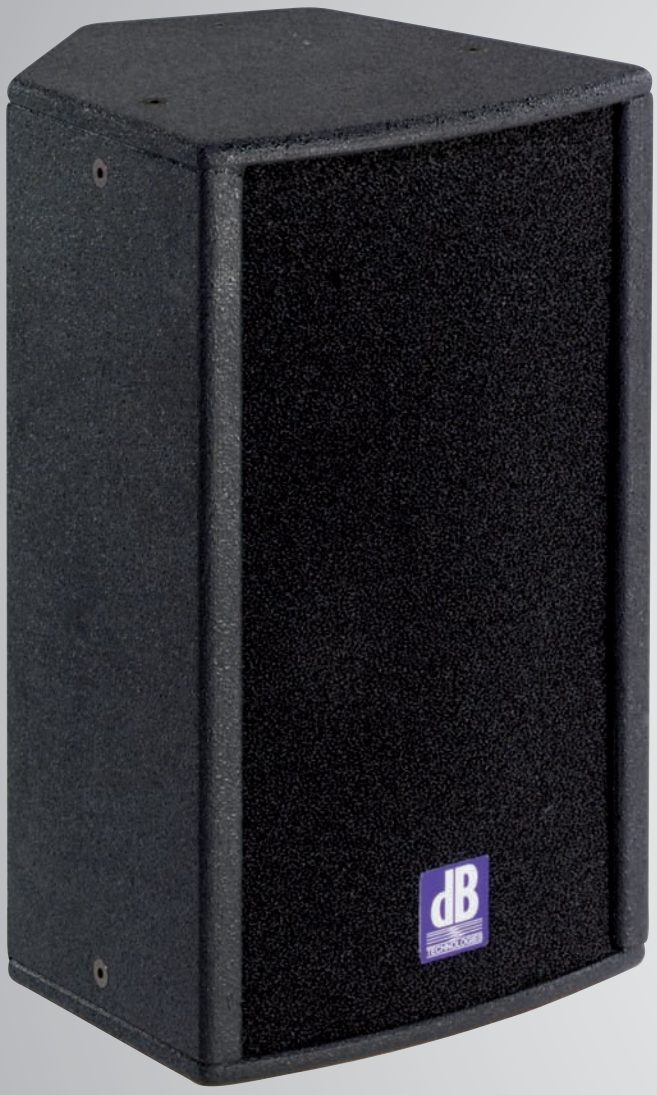
Details

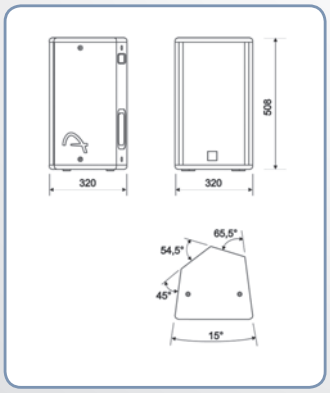





ARENA 10

Passive speaker



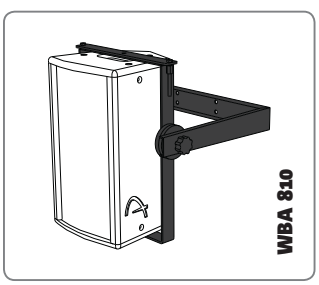


System 10-15



Accessory







ARENA 10
10“ 2-Way speaker

The 10“ woofer and the 1“ driver with rotatable 90°x70° constant directivity horn, can handle up to 300W/RMS and are able to put out up to 125dB spl.

ARENA 10 offers a superb sound quality and can be used as a standard fullrange enclosure (at reduced low frequency reproduction) or in combination with the ARENA SW15 subwoofer

Due to the extensive configuration and sound performance the ARENA 10 is one of a kind.

Features

- Power (RMS): 300 W
- Power (PRG): 600 W
- Speakers: 10” woofer, 2” coil, 1” driver
- Freq. response (-3dB): 95-19000 Hz
- SPL max.: 125 dB
- Crossover: 2100 Hz
- Dispertion Angle: 90°x70°
- Slope: 18 dB/Oct.
- Connectors (In/Out): 2xNeutrik Speakon®
- Impedance: 8 Ohm
- Flying Points: 10 x M8
- Pole Mount / Handles: 35mm/ 1 x Oben
- Dimensions (WxHxD):



Details





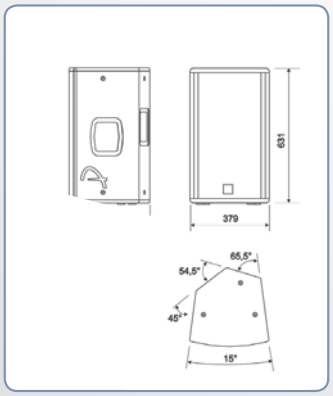




ARENA 12

Passive speaker





System 12-215



System 12-18



Accessory





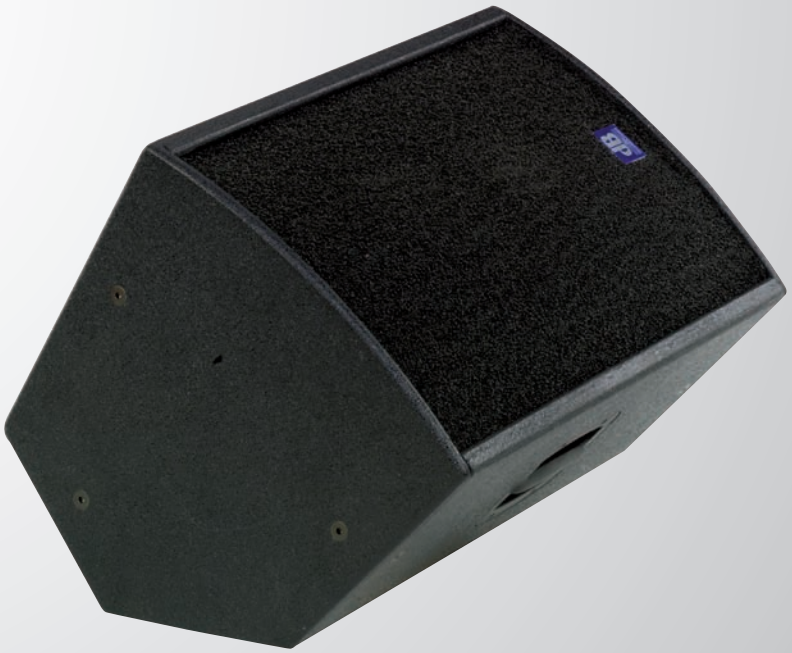
ARENA 12
12“ 2-Way speaker

A frequency response from 80Hz to 19Khz, a 12“ woofer and a high-quality 1“ compression driver with a 90°x40°constant directivity horn, makes the ARENA12 the top all-rounder within the series. Up to 127dB sound pressure level can be reached at 400W/RMS input power

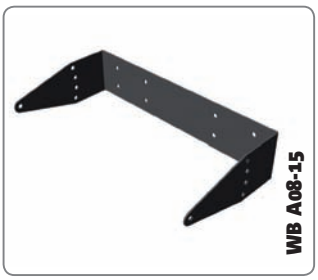
For small venues usable as a full range enclosure but also to be driven together with ARENA SW15 or ARENA SW18 as a high-profile compact PA-System.

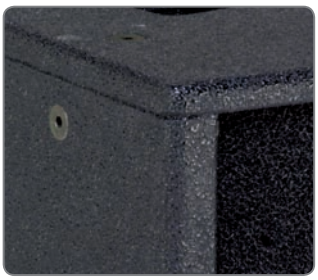
Features

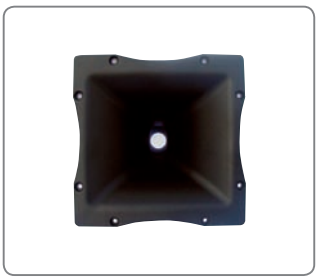
- Power (RMS): 400 W
- Power (PRG): 800 W
- Speakers:
  12” woofer, 2” voice coil,
  1” comp. driver, 1.4” coil
- Freq. response (-3dB): 80 – 19000 Hz
- SPL max.: 127 dB
- Crossover: 2000 Hz
- Dispertion Angle: 90°x40°
- Slope: 18 dB/Oct.
- Connectors (In/Out): 2xNeutrik Speakon®
- Impedance: 8 Ohms
- Flying Points: 12 x M10
- Pole Mount / Handles: 35mm/ 2
- Dimensions (WxHxD): 379 x 631 x 378 mm
- Weight: 17,8 kg



Details





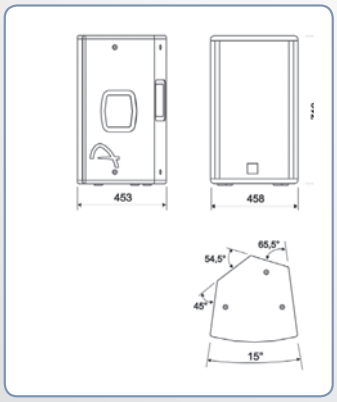




ARENA 15

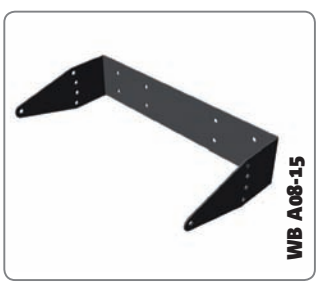
Passive speaker





Accessory





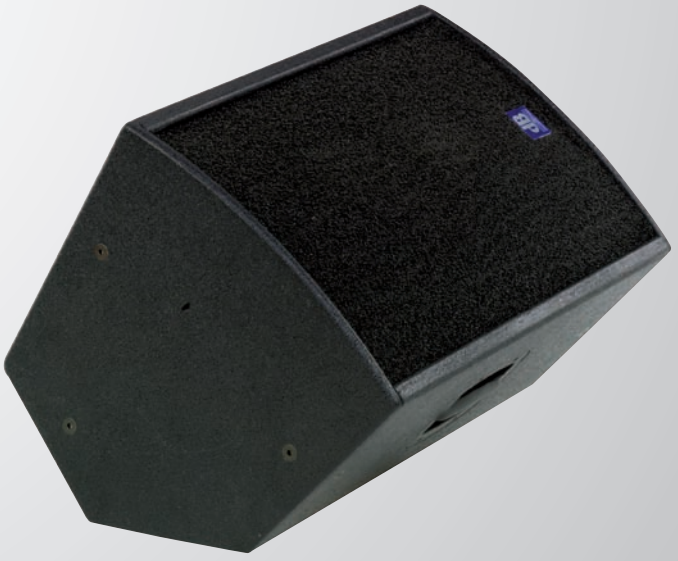


ARENA 15
15“ 2-Way speaker

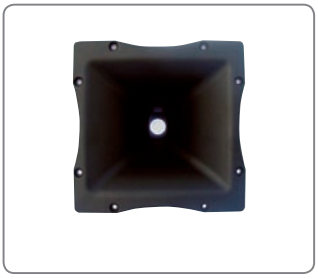
Due to its powerful low frequency reproduction and a compression driver with a 1.4“ voice coil the ARENA 15 is the right choice for full range applications. It convinces with a high SPL of 129dB and the low weight of only 23.7kg guarantees easy handling. Like all ARENA-Series models the ARENA 15 provides 12 professional fly-points with metalbracings. The enclosure can be combined with ARENA SW15 and ARENA SW18 subwoofers.

Features

- Power (RMS): 400 W
- Power (PRG): 800 W
- Speakers: 15” woofer, 2.5” voice coil, 1” comp. driver, 1.4” coil
- Freq. response (-3dB): 80 – 19000 Hz
- SPL max.: 129 dB
- Crossover: 2000 Hz
- Dispertion Angle: 90°x40°
- Slope: 18 dB/Oct.
- Connectors (In/Out): 2xNeutrik Speakon®
- Impedance: 8 Ohm
- Flying Points: 12 x M10
- Pole Mount / Handles: 35mm/ 1
- Dimensions (WxHxD): 458 x 710 x 453 mm
- Weight: 23,7 kg



Details









ARENA Series

Passive subwoofers



Subwoofer SW 12

The ARENA SW 12 is an extraordinarily compact and light band-pass subwoofer loaded with a powerful 12” woofer rated to handle 400 W/RMS (800 W/PGR) and tuned to deliver tight, punchy low-end response with up to 124 dB SPL pressure.

The multiplex enclosure is equipped with a pole mount. Courtesy of the integrated crossover, a single power amp suffices to quickly set up satellite systems comprising up to 8 Arena mid-/high-range units.

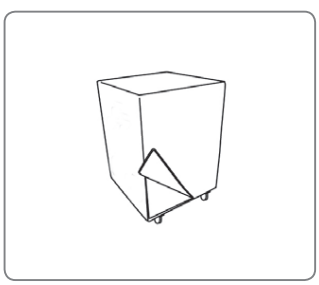
Features SW12

- Power (RMS): 400 Watt
- Power (PRG): 800 Watt
- Speakers: 12“ dB Woofer
- Freq. response: 40 – 150 Hz
- Sensitivity: 98 dB 1W/1m
- SPL max.: 124 dB
- Impedance: 8 Ohms
- Crossover: 150 Hz, 12dB/okt
- Low-Cut + High-Cut
- X-Over Out Neutrik Speakon 1+/1-
- Parallel Out Neurtik Speakon 2+/2-
- Dimensions (WxHxD): 360 x 520 x 500 mm
- Weight: 17 kg

For demanding applications, the active crossover ASX18 is the first choice.

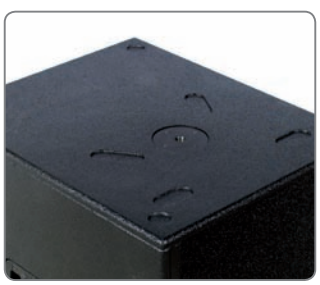
System 8-12





Details







Subwoofer SW 15

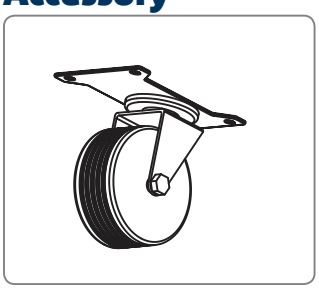
The ARENA SW15 offers a 15“ woofer with a 3“ voice coil which can take a load up to 500W/RMS putting out an extraordinary SPL of 130dB at very powerful low end frequencies.

It can be easily combined with ARENA10 and ARENA12 high/mid units, due to the internal passive crossover. Also possible is bi-amp operation using an external crossover unit. The multi layer birch wood housing offers two handles and one M20 thread for mounting a pole mount plus threads on the back to fit a set of wheels.

Features SW15

- Power (RMS): 500 W
- Power (PRG): 1000 W
- Speakers: 15” woofer, 3” coil
- Freq. response: 40-150 Hz
- SPL max.: 130 dB
- Crossover: 150 Hz Low-Cut
- Slope: 12 dB/Oct.
- Connectors (In/Out): 2x Neutrik Speakon4®, 1+1- Link
- Impedance: 8 Ohms
- Pole Mount / Handles: M20/ 2
- Dimensions (WxHxD): 470 x 600 x 600 mm
- Weight: 34 kg

Accessory



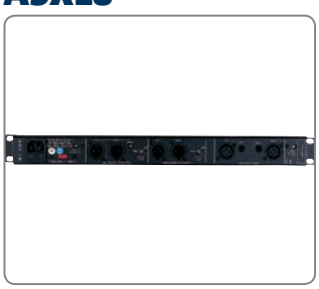
System 12-215



System 10-15



ASX18



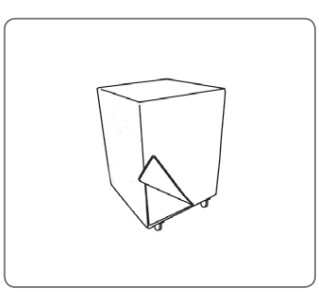
ARENA Series

Passive subwoofers



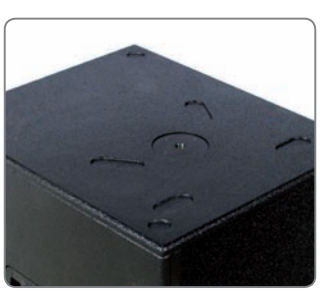
Accessory





Details





ARENA SW18
18“ Subwoofer

The 4“ voice coil of the ARENA SW18 delivers powerful and accurate low frequency reproduction, down to 35Hz, at amaximum load of 600W/RMS. Sound pressure levels of up to 132dB at a crossover frequency of 150Hz, using the internal crossover make this subwoofer the professionals choice. This woofer can be easily combined with the ARENA satellite units, using just one external power amp. Also possible is biamp operation using an external crossover unit.

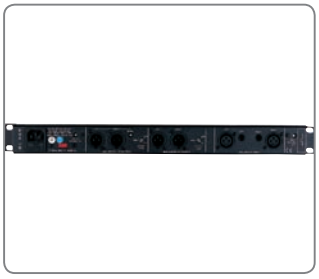
Features SW18

- Power (RMS): 600 W
- Power (PRG): 1200 W
- Speakers: 18” woofer, 4” coil
- Freq. response: 35-150 Hz
- SPL max.: 132 dB
- Crossover: 150 Hz Low-Cut
- Slope: 12 dB/Oct.
- Connectors (In/Out): 2x Neutrik Speakon4®, 1+1- Link
- Impedance: 8 Ohms
- Pole Mount / Handles: M20/ 2
- Dimensions (WxHxD): 565 x 700 x 700 mm
- Weight: 46 kg

System 12-18



ASX18



ARENA Series

Passive speakers & subwoofers

	ARENA 8	ARENA 10
Power (RMS)	200 W	300 W
Power (PRG)	400 W	600 W
Speaker	8” woofer 1.5” coil 1” driver	10” woofer 2” coil 1” driver
Freq. response (-3dB)	100 - 19000 Hz	95 - 19000 Hz
SPL max.	122 dB	125 dB
Crossover	2100 Hz	2100 Hz
Dispertion Angle	90°x70°	90°x70°
Slope	18 dB/Oct.	18 dB/Oct.
Connectors (In/Out)	2xNeutrik Speakon®	2xNeutrik Speakon®
Impedance	8 Ohms	8 Ohms
Flying Points	12 x M8	10 x M8
Pole Mount / Handles	35mm/ 1	35mm/ 1
Dimensions (WxHxD)	270 x 458 x 270	321 x 508 x 320
Weight	9,3 kg	12,2 kg

	ARENA SW12	ARENA SW15
Power (RMS)	400 W	500 W
Power (PRG)	800 W	1000 W
Speaker	12”dB woofer	15” woofer,3” coil
Freq. response (-3dB)	40-150 Hz	40-150 Hz
SPL max.	124 dB	130 dB
Crossover	150 Hz Low-Cut+High-Cut	150 Hz Low Cut
Slope	12 dB/Oct.	12 dB/Oct.
Connectors (In/Out)	Neutrik Speakon4®	2xNeutrik Speakon4®
Impedance	8 Ohms	8 Ohms
Pole Mount / Handles	M20/ 2 x on side	M20/ 2 x on side
Dimensions (WxHxD)	360 x 520 x 500 mm	470 x 600 x 600 mm
Weight	17 kg	34 kg

ARENA 12	ARENA 15
400 W	400 W
800 W	800 W
12” woofer	15” woofer
2” voice coil	2.5” voice coil
1” comp. driver	1” comp. driver
1.4” coil	1.4” coil
80 - 19000 Hz	80 - 19000 Hz
127 dB	129 dB
2000 Hz	2000 Hz
90°x40°	90°x40°
18 dB/Oct.	18 dB/Oct.
2xNeutrik Speakon®	2xNeutrik Speakon®
8 Ohms	8 Ohms
12 x M10	12 x M10
35mm/ 2	35mm/ 2
379 x 631 x 378	458 x 710 x 453
17,8 kg	23,7 kg

ARENA SW18
600 W
1200 W
18” woofer, 4” coil
35 – 150 Hz
132 dB
150 Hz Low-Cut
12 dB/Oct.
2xNeutrik Speakon4®
8 Ohms
M20/ 2 x on side
565 x 700 x 700 mm
44 kg

ARENA Series

Recommended combinations

All ARENA systems are also available as Powerpacks with HPA amplifiers and ASX18 active crossover or DSX 2040 digital controller.



ARENA system 8-12

Passive 3-way system consisting of

- 2 x ARENA 8 and
- 2 x ARENA SW12,

nomimal power rating 1200W/RMS



ARENA System 10-15

Passive 3-way system consisting of

- 2 x ARENA 10 and
- 2 x ARENA SW15,

nomimal power rating 1600W/RMS

ARENA 8



ARENA 10



ARENA 12



ARENA SW12





ARENA System 12-18

Passive 3-way system consisting of

- 2 x ARENA 12 and
- 2 x ARENA SW18,

nomimal power rating 2000W/RMS

ARENA System 12-215 *

Passive 3-way system consisting of

- 2 x ARENA 12 and
- 4 x ARENA SW15,

nomimal power rating 2800W/RMS

*) Bi-amp mode recommended with ASX18 active crossover or DSX 2040 digital controller



ARENA Powerpack 12-215

Passive 3-way system consisting of

- 2 x ARENA 12 and
- 4 x ARENA SW15, nominal power rating2800W/RMS
- + 1 x HPA1400 amplifier,
- 1 x HPA2800 amplifier and
- 1 x ASX18 active crossover.



ARENA SW15



ARENA SW18



HPA 2800



ASX18

