





PSR 230a
1000+300W
PSR 230
1600W

PSR 215a
800+300W
PSR 215
800W



Bi-amplified and passive loudspeaker enclosures built in 13-layer birch plywood (18 mm/0,7") with a highly resistant scratch-proof paint finish, fitted with high-grade loudspeakers.
A highly technical design. The entire self-power PSR range uses the innovative **HDD system (High Dynamic Device)**, an "intelligent" integrated system that includes a PWM amplifier for the low frequencies, a **Class G amplifier** for the high frequencies and an exclusive **DSP that can be remote controlled via an IT network** with dedicated software. The PSR loudspeaker enclosures are real gems of professional amplification.

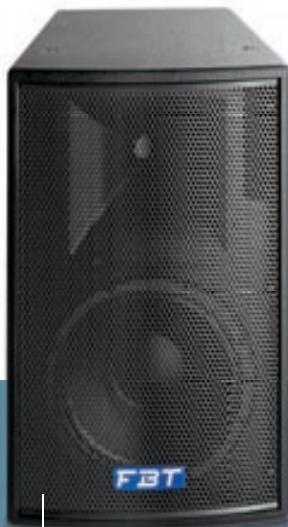
PSR 212a
500+150W
PSR 212
600W



The HDD DSP system offers a wide range of controls:

- > **FIR** (Finite Impulse Response) digital equalization for correcting and aligning frequency response and phase
- > Energy supplied by the loudspeakers
- > Woofer throw
- > Optimal polar response by means of a 48dB/oct crossover filter

The PC software dedicated and the NI32 network interface (optional) also enable the system to carry out the following remote functions: continuous control of status amplifiers, loudspeakers, the temperature of the radiators, input levels, power overloading, ON and OFF function, input sensitivity and selection of the presets, delay time adjustment, volume adjustment, 4-band parametric equalizer.



PSR 212a
500+150W
PSR 212
600W



PSR 118Sa
1000W
PSR 118S
1600W



PSR 212Ma
500+150W
PSR 212M
600W

**BI-AMPLIFIED MODELS:**

- > High efficiency and powerful **PWM low frequency amplifier**.
- > **Class G high frequency amplifier**
- > **Digital Signal Processor**
- > **Network interface** for connection to PC through the NI 32 (optional)
- > **Woofers and ceramic drivers** boast a state-of-art efficiency, linearity and handling power.
- > Time domain **FIR digital equalization** (Finite Impulse Response)– which corrects not just the frequency response (as with conventional equalizers) but phase linearity to produce an impulse response very close to the ideal. This ensures an improved precision, coherent emission, image and array capability.
- > 48 dB/oct. Linkwitz-Riley crossover to minimize interchannel crosstalk and improve polar response
- > **Dynamic equalization of bass frequencies** ensures the maximum sound pressure while limiting woofer cone excursion
- > “Energy control” algorithms which limit amplifier power to the maximum power handling of the speakers while maximizing dynamics.

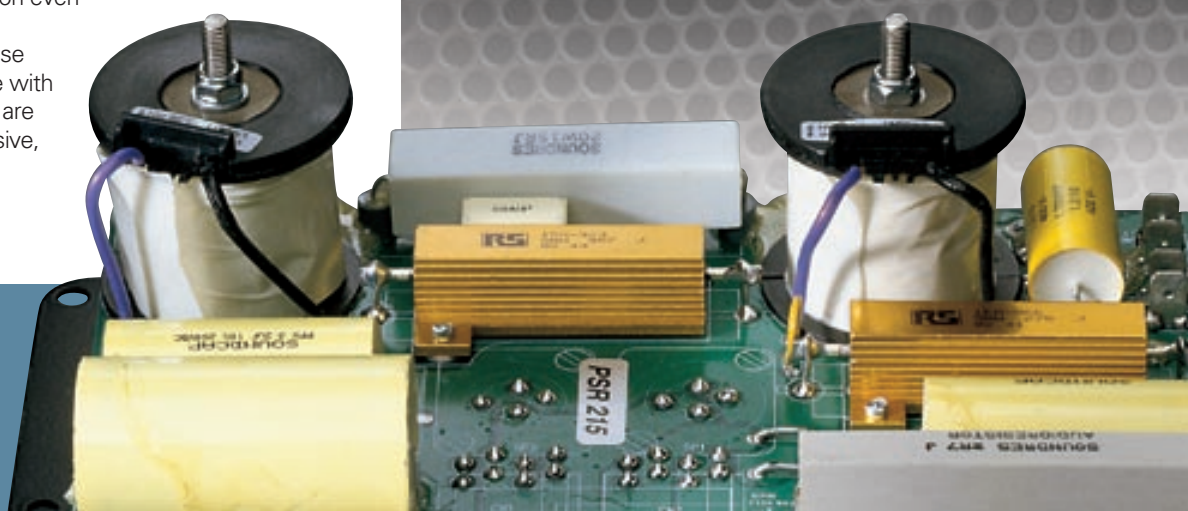


- > Connection panel with XLR signal input and link connector, 4-step gain control, GND lift, RJ45 input and through connectors for digital network, 2 sets of dipswitches for delay control - 63.75m (209,15 ft) in 25m (9,84") steps – and the choice of **8 equalization presets for special speaker applications or to adapt speaker performance to match the sound reinforcement environment**
- DIP SWITCH to activate a high pass filter in the satellites when using with a subwoofer or to invert the phase in the subwoofer.
- > Power supply on Neutrik™ POWERCON input and output connectors for power linking between cabinets, thus avoiding the need of long power cords.
- > 13-layer (18 mm/0,7") baltic birch plywood scratch resistant paint finish enclosure.
- > **8xM10 anchoring points** for suspended installation and 2 integrated strategically positioned **ergonomic handles**.



PASSIVE MODELS:

- > **Internal Dual-Mode passive filter** with inspection window to view the current configuration. System configurations:
 - “**Full range mode**” employing just one power amplifier or
 - “**Bi-amp mode**” to exploit the full capabilities of the drivers, excluding the internal filter and driving woofers and high frequency units separately with two amplifiers with appropriate signal processing.
- > **Superb quality passive components**, metalized polyester condensers and large diameter coils. All components embedded in special resin to ensure total immunity to vibration and mechanical shock.
- > **Soft-trip- high frequency unit protection circuit** that ensures proper operation even in overdrive conditions
- > Broad and coherent response over the full coverage angle with mid-range frequencies that are powerful but never oppressive, ensuring optimum speech intelligibility.





PSR 230a

1000W + 300W - 132dB SPL
Processed active
reinforcement loudspeaker

- > 2-way, bass-reflex, bi-amplified with **DSP**
- > **1000Wrms HDD LF high efficiency amplifier** featuring **PWM** technology
- > **300Wrms class G HDD HF amplifier**
- > Two Custom ceramic **380 mm (15") woofers** with 100 mm (4") diameter coils
- > **B&C titanium compression driver** with 75 mm(3") coil and **51mm (2")** throat
- > 60°H x 40°V aluminium constant directivity horn
- > **8 equalization and master delay presets** through selectable from the rear panel
- > **Digital network interface** for connection to PC
- > **8xM10 anchoring points** for suspended installation



PSR 230

1600W - 137dB SPL
Sound reinforcement
loudspeaker

- > Passive version, **1600W/4ohm recommended amplifier** in full range mode or 1600W/4ohm + 160W/8ohm in bi-amp. mode
- > **Dual-Mode passive filter**
- > NL-4 Neutrik™ speakon connectors



PSR 215a

800W + 300W - 128dB SPL
Processed active
reinforcement loudspeaker

- > 2-way bass reflex, bi-amplified with internal **DSP**
- > High efficiency **800Wrms HDD LF amplifier** featuring **PWM** technology
- > **300Wrms Class G HDD HF amplifier**
- > Custom ceramic **380 mm (15") woofer** with 100 mm (4") diameter coil
- > **B&C titanium compression driver** with 75 mm(3") coil and **51 mm (2")** throat
- > 60°H x 40°V aluminium constant directivity horn
- > **8 equalization and master delay presets** selectable directly from the rear panel
- > **Digital network interface** for connection to PC
- > **8xM10 anchoring points M10** for suspended installation



PSR 215

800W - 131dB SPL
Sound reinforcement
loudspeaker

- > Passive version, **800W/8ohm recommended amplifier** in full range mode or 800W/8ohm + 160W/8ohm in bi-amp. mode
- > **Dual-Mode passive filter**
- > NL-4 Neutrik™ speakon connectors



PSR 212a

500W + 150W - 125dB SPL
Processed active
reinforcement loudspeaker

- > 2-way bass reflex, bi-amplified with internal **DSP**
- > High efficiency **500Wrms HDD LF amplifier** featuring **PWM** technology
- > **150Wrms Class G HDD HF amplifier**
- > Custom ceramic **320 mm (12") woofer** with 75 mm (3") diameter coil
- > **B&C titanium compression driver** with 65 mm(2.5") coil and **36 mm (1.4")** throat
- > 90°H x 60°V aluminium constant directivity horn
- > **8 equalization and master delay presets** selectable directly from the rear panel
- > **Digital network interface** for connection to PC
- > **8xM10 anchoring points** for suspended installation



PSR 212

600W - 129dB SPL
Sound reinforcement
loudspeaker

- > Passive version, **600W/8ohm recommended amplifier** in full range mode or 600W/8ohm + 160W/8ohm in bi-amp. mode
- > **Dual-Mode passive filter**
- > NL-4 Neutrik™ speakon connectors



PSR 118Sa

1000W - 130dB SPL
Processed active reinforcement Subwoofer

- > Vented band pass powered subwoofer with internal **DSP**
- > **1000Wrms HDD amplifier** featuring **PWM** technology
- > Custom ceramic **460 mm (18") woofer with 100 mm (4") diameter coil**
- > **8 equalization and master delay presets** through selectable from the rear panel to optimize the link to the satellite speakers

- > **Digital network interface** for connection to PC
- > **8xM10 anchoring points** for suspended installation
- > Special acoustic load delivers high sound pressure levels (130 dB) while significantly reducing distortion at high volume
- > Designed for low frequencies extension of the PSR line in high SPL applications such as in theatres, live music club venues, band PAs, touring.
- > Optional 4 swivel-mount casters 100 mm ø (3.95") on request.



PSR 212Ma

500W + 150W - 125dB SPL
Processed active stage monitor

- > 2-way coaxial bass reflex, bi-amplified with internal **DSP**
- > High efficiency **500Wrms HDD LF amplifier** featuring **PWM** technology
- > **150Wrms Class G HDD HF amplifier**
- > Custom ceramic **320 mm (12") woofer** with 75 mm (3") diameter coil

- > **B&C titanium compression driver** with 65 mm (2.5") coil and 36 mm (1.4") throat
- > Aluminium horn mounted coaxially to the woofer with **conical 80° dispersion**
- > **8 equalization and master delay presets** selectable directly from the rear panel
- > **Digital network interface** for connection to PC
- > Specifically designed frequency response for nearfield use as stage monitor

PSR 118S

1600W - 135dB SPL
Sound reinforcement Subwoofer

- > Passive version, **1600W/4ohm recommended amplifier**
- > External electronic crossover required
- > NL-4 Neutrik™ speakon connectors
- > Optional 4 swivel-mount casters 100 mm ø (3.95") on request.



PSR 212M

600W - 129,5dB SPL
Stage monitor

- > Passive version, **600Wrms/8ohm recommended amplifier** in full range or 600Wrms/8ohm+160Wrms/8ohm in bi-amp configuration.
- > **Dual-Mode passive filter**
- > NL-4 Neutrik™ speakon connectors



BOX 123
 Ceiling bracket balancing stand



BOX 120
 Directional wall mount arm



BOX 123
 Adjustable bracket balancing stand



SS2
 Adjustable metal floor stand
 (Max. weight 100 Kg)



Model		PSR 230A	PSR 215A	PSR 212A	PSR 118SA	PSR 212MA
Configuration	way	2	2	2	Band-Pass	2
LF/HF built-in amplifiers	Wrms	1000/300	800/300	500/150	1000	500/150
Frequency response	@-6dB	40Hz - 20KHz	45Hz - 20KHz	55Hz - 20KHz	35Hz - 100Hz	58Hz - 20KHz
Low frequency driver	mm	2x380 (100 coil)	1x380 (100 coil)	1x320 (75 coil)	1x460 (100 coil)	1x320 (75 coil)
	inch	2x15 - (4 coil)	1x15 - (4 coil)	1x12 - (3 coil)	1x18 - (4 coil)	1x12 - (3 coil)
High frequency driver	mm	51+horn (75 coil)	51+horn (75 coil)	36+horn (65 coil)	/	36+horn (65 coil)
	inch	2 - (3 coil)	2 - (3 coil)	1,4 (2,5 coil)		1,4 (2,5 coil)
Sensitivity (@1W/1m)	dB	102	99	98	100	98
Maximum SPL	dB	132	128	125	130	125
Dispersion	H x V	60° x 40°	60° x 40°	90° x 60°	omnidirectional	80° x 80°
Input impedance	kohm	22	22	22	22	22
Crossover frequency	kHz	1,2	1,2	1,5	0,1	1,5
Power consumption	VA	1300	1100	650	1000	650
Input connectors		XLR with link	XLR with link	XLR with link	XLR with link	XLR with link
Power supply cable	m / inch	5 / 197"	5 / 197"	5 / 197"	5 / 197"	5 / 197"
Net dimensions (WxHxD)	mm	515x1290x485	474x750x479	416x666x412	526x750x745	526x365x520
	inch	20,3x50,8x19,1	18,7x29,5x18,9	16,4x26,2x16,2	20,7x29,5x29,3	20,7x14,4x20,5
Net weight	kg / lb	84 / 185,19	53 / 116,84	38 / 83,77	68 / 149,91	29 / 63,93
Transport dimensions (WxHxD)	mm	640x1460x600	600x780x600	540x700x510	580x920x820	610x405x600
	inch	25,2x57,5x23,6	23,6x30,7x23,6	21,3x27,6x20,1	22,8x36,2x32,3	24x15,9x23,6
Transport weight	kg / lb	96 / 211,64	57 / 125,66	41 / 90,39	80 / 176,37	32 / 70,55

Model		PSR 230	PSR 215	PSR 212	PSR 118S	PSR 212M
Configuration	way	2	2	2	Band-Pass	2
Recommended amplifier (Bi-amp)	Wrms	1600 (1600 LF/ 160 HF)	800 (800 LF/ 160 HF)	600 (600 LF/ 160 HF)	1600	600 (600 LF/ 160 HF)
AES long-term applicable power (Bi-amp)	W	800 (800 LF/ 80 HF)	400 (400 LF/ 80 HF)	300 (300 LF/ 80 HF)	800	300 (300 LF/ 80 HF)
Short-term applicable power IEC 268-5 (Bi-amp)		3200 (3200 LF/ 320 HF)	1600 (1600 LF/ 320 HF)	1200 (1200 LF/ 320 HF)	3200	1200 (1200 LF/ 320 HF)
Nominal impedance (Bi-amp)	ohm	4 (4 LF / 8 HF)	8 (8 LF / 8 HF)	8 (8 LF / 8 HF)	4	8 (8 LF / 8 HF)
Frequency response	@-6dB	40Hz - 18KHz	45Hz - 18KHz	55Hz - 18KHz	35Hz - 140Hz	60Hz - 18KHz
Low frequency driver	mm	2x380 (100ø coil)	1x380 (100ø coil)	1x320 (75ø coil)	1x460 (100ø coil)	1x320 (75ø coil)
	inch	2x15 - (4ø coil)	1x15 - (4ø coil)	1x12 - (3ø coil)	1x18 - (4ø coil)	1x12 - (3ø coil)
High frequency driver	mm	51+horn (75 coil)	51+horn (75 coil)	36+horn (65 coil)	/	36+horn (65 coil)
	inch	2 - (3 coil)	2 - (3 coil)	1,4 (2,5 coil)		1,4 (2,5 coil)
Sensitivity @1W/1m (Bi-amp)	dB	102 (102 LF / 108 HF)	99 (99 LF / 108 HF)	98,5 (98,5 LF / 108 HF)	100	99 (99 LF / 108 HF)
Maximum SPL (Bi-amp)	dB	137 (137 LF / 133 HF)	131 (131 LF / 133 HF)	129 (129 LF / 133 HF)	135	129,5 (129,5 LF / 133 HF)
Dispersion	H x V	60° x 40°	60° x 40°	90° x 60°	omnidirectional	80° x 80°
Crossover frequency (Bi-amp)	kHz	1,6 (1,3 @ 24dB/oct)	1,6 (1,3 @ 24dB/oct)	2 (1,6 @ 24dB/oct)	External low-pass 100Hz @ 24dB/oct	2 (1,6 @ 24dB/oct)
Recommended HP filter		30Hz @ 24dB/oct	35Hz @ 24dB/oct	40Hz @ 24dB/oct	28Hz @ 24dB/oct	40Hz @ 24dB/oct
Recommended external filter					Q=1,2/L=4dB/F=60Hz	
Input connectors		2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4
Net dimensions (WxHxD)	mm	515x1290x485	474x750x479	416x666x412	526x750x745	526x365x520
	inch	20,3x50,8x19,1	18,7x29,5x18,9	16,4x26,2x16,2	20,7x29,5x29,3	20,7x14,4x20,5
Net weight	kg / lb	73 / 160,94	44 / 97,00	33 / 72,75	60 / 132,28	24 / 52,91
Transport dimensions (WxHxD)	mm	640x1460x600	600x780x600	540x700x510	580x920x820	610x405x600
	inch	25,2x57,5x23,6	23,6x30,7x23,6	21,3x27,6x20,1	22,8x36,2x32,3	24x15,9x23,6
Transport weight	kg / lb	85 / 187,39	48 / 105,82	36 / 79,37	72 / 158,73	27 / 59,52





Verve 215a
600+150W
Verve 215
1400W

Verve 152a
500+150W
Verve 152
700W

Verve 15a
350+100W
Verve 15
400W

Verve 12a
300+100W
Verve 12
300W

Verve 152a
500+150W
Verve 152
700W



Verve 18Sa
600W
Verve 18S
1200W

Verve 10a
250+100W
Verve 10
250W



Verve 15Sa
500W
Verve 15S
700W



Completely “manufactured in Italy” the VERVE Series Speakers feature birch plywood enclosures with a scratch & scuff resistant paint finish. FBT VERVE speakers offer outstanding performance at competitive prices. Available in **10 bi-amplified active and 10 passive** touring grade models (5 two-way trapezoidal design speakers, 3 coaxial stage monitors and 2 subwoofers), the VERVE are equipped with high efficiency **custom**

B&C woofers and HF compression drivers, high efficiency **PWM** and class G integrated amplifiers of the latest generation. **Switching power supplies and neodymium magnet woofers** reduce the overall weight for better portability. The **rotatable polypropylene constant directivity horns** allow adjustable H x V angle coverage for speaker array options. Full line of hardware accessories for **permanent installations**.

Verve 12Ma
300+100W
Verve 12M
300W



Verve 15Ma
350+100W
Verve 15M
500W

Verve 8Ma
150+50W
Verve 8M
250W



Bi-Amplified Models

- > **High efficiency Class D (PWM) and G integrated amplifiers**, to maximize the weight/power ratio
- > **Switch mode power supply** in the VERVE 152a, VERVE 152a, VERVE 15Sa and VERVE 18Sa
- > **Electronic signal processor** to provide several functions: crossover, equalizer, limiter to supply linear response and protection to the woofers
- > **Dynamic equalization of the low frequencies** for maximum SPL and limiting excessive woofer excursion
- > High S/N ratio, 24 dB/oct. active filters for the pre-amp section
- > Control panel with: **3-band EQ**, volume control and protection LED's
- > XLR balanced input and XLR link for cascade connection of several speakers in parallel



- > **13-layer birch plywood scratch resistant enclosure** and internal bracing to reinforce the cabinet and prevent undesired resonance and vibration.
- > **Robust metal handles**, integrated **stand 35 mm ø (1.38") adapter**.
- > **Fully rotatable constant directivity** horn to adjust HxV angle coverage.
- > Thanks to the fully rotatable horn, 2 or 3 cabinets in a horizontal array set-up increase their dispersion and the maximum SPL
- > Exceptional dispersion coherence in the whole coverage angle, high SPL and accurate sound reproduction make the VERVE speakers ideal for permanent installations or live sound events.
- > Reduced total weight due to the incorporation of neodymium components, the high efficiency amplifier, the switch mode supply and a light polypropylene horn.

Passive models:

- > **Soft-trip high-frequency protection circuitry** to ensure proper operation even in overdriven conditions.
- > **Superb quality components**, metallic polyester condensers and large diameter coils. All components embedded in special resin to ensure total immunity to vibration.
- > Control panel with **2 parallel NL-4 Neutrik™ speakon connectors**.





Verve 215a

600W + 150W - 129dB SPL
Processed Active
Reinforcement Loudspeaker

- 2-way, bass-reflex, bi-amplified
- 2x **380 mm (15") B&C custom neodymium woofer** with 75 mm (3") voice coil
- 1x **51 mm (2") B&C titanium compression driver** with 65 mm (2") voice coil
- **600Wrms PWM LF amplifier**
- **150Wrms Class G HF amplifier**
- **Switch mode power supply** for an excellent weight/power ratio
- Analog signal processor with limiter
- Control panel with: ground lift, XLR input and output, 3-band EQ, limiter, protection LED, volume control

- > **60°H x 40°V** rotatable horn
- > **6xM10 anchoring points and 2 robust metal handles**
- > **18mm (0.7") birch plywood** scratch resistant enclosure
- > Ideal for sound reinforcement and permanent installations, possible horizontal array set-up of 3 speakers with total coverage of 120° and 138 dB maximum SPL/1m
- > Compact weight (49,5 Kg/109.12 Lb)

Verve 215

1400W / 4ohm - 132,5dB SPL
Sound Reinforcement
Loudspeaker

- > Passive version, **1400Wrms/4ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon inputs



Verve 152a

500W + 150W - 125dB SPL
Processed Active
Reinforcement Loudspeaker

- > 2-way, bass reflex, bi-amplified
- > **380 mm (15") B&C custom neodymium woofer** with 75 mm(3") voice coil
- **1x51 mm (2") B&C titanium compression driver with 65 mm (2")** voice coil
- **500Wrms PWM LF amplifier**
- **50Wrms Class G HF amplifier**
- **Switch mode power supply** for an excellent weight/power ratio
- Analog signal processor with limiter
- Control panel with: ground lift, XLR input and output, 3-band EQ, limiter, protection LED, volume control

- > **60°H x 40°V** rotatable horn
- > **6xM10 anchoring points, 35 mm ø (1.38") top-hat for speaker stand**, placement and wall bracket mounting, 2 metal carrying handles
- > **18mm (0.7") birch plywood** scratch resistant enclosure
- > Ideal for sound reinforcement and permanent installations, possible horizontal array set-up of 3 speakers with total coverage of 120° and 134dB maximum SPL/1m
- > Compact weight (30,5 Kg/67.24 Lb)

Verve 152

700W / 8ohm - 127dB SPL
Sound Reinforcement
Loudspeaker

- > Passive version, **700Wrms/4ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon inputs





Verve 15a

350W + 100W - 123,5dB SPL
Processed Active
Reinforcement Loudspeaker

- > 2-way, bass reflex, bi-amplified
- > **380 mm (15") B&C custom neodymium woofer** with 64 mm (2.5") voice coil
- > **1x25 mm (1") B&C compression driver with 36 mm (1.4") voice coil**
- > **300Wrms PWM LF amplifier**
- > **100Wrms Class G HF amplifier**

- > Analog signal processor with limiter
- > Control panel with: ground lift, XLR input and output, 2-band EQ (High/Low), limiter, protection LED, volume control
- > **80°H x 50°V** rotatable horn
- > **15mm (0.59") birch plywood** scratch resistant enclosure
- > **6xM10 anchoring points, 35 mm ø (1.38") top-hat for speaker stand** placement and wall bracket mounting, **2 metal carrying handles**

- > Compact weight (25 Kg/55.11 Lb)

Verve 15

400W / 8 ohm - 125dB SPL
Sound Reinforcement
Loudspeaker

- > Passive version, **400Wrms/8ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon inputs



Verve 12a

300W + 100W - 123dB SPL
Processed Active
Reinforcement Loudspeaker

- > 2-way, bass reflex, bi-amplified
- > **320 mm (12") B&C custom neodymium woofer** with 64 mm (2.5") voice coil
- > **1x25 mm (1") B&C compression driver** with 36 mm (1.4") voice coil
- > **300Wrms Class G LF amplifier**
- > **100Wrms Class G HF amplifier**

- > Analog signal processor with limiter
- > Control panel with: ground lift, XLR input and output, 2-band EQ (High/Low), limiter, protection LED, volume control
- > **80°H x 50°V** rotatable horn
- > **15mm (0.59") birch plywood** scratch resistant enclosure
- > **6xM10 anchoring points, 35 mm ø (1.38") top-hat for speaker stand** placement and wall bracket mounting, **metal carrying handle**

- > Compact weight (20 Kg/44.09 Lb)

Verve 12

300W / 8ohm - 123dB SPL
Sound Reinforcement
Loudspeaker

- > Passive version, **300Wrms/8ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon inputs



Verve 10a

250W + 100W - 121dB SPL
Processed Active Reinforcement
Loudspeaker

- > 2-way, bass reflex, bi-amplified
- > **250mm (10") B&C custom neodymium woofer** with 50 mm (2") voice coil
- > **1x25 mm (1") B&C compression driver with 36 mm (1.4") voice coil**
- > **250Wrms Class G LF amplifier**
- > **100Wrms Class G HF amplifier**

- > Analog signal processor with limiter
- > Control panel with: ground lift, XLR input and output, 2-band EQ (High/Low), limiter, protection LED, volume control
- > **80°H x 50°V** rotatable horn
- > **15mm (0.59") birch plywood** scratch resistant enclosure
- > **6xM10 anchoring points, 35 mm ø (1.38") top-hat for speaker stand** placement and wall bracket mounting, **metal carrying handle**

- > Compact weight (18 Kg/39.68 Lb)

Verve 10

250W / 8ohm - 121dB SPL
Sound Reinforcement
Loudspeaker

- > Passive version, **250Wrms/8ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon inputs





Verve 15Ma

350W + 100W - 123,5dB SPL
Processed Active
Reinforcement Monitor

- > 2-way, coaxial, bass reflex, bi-amplified
- > **B&C HF titanium compression driver with 44 mm (1.7") voice coil and 25 mm (1") exit** coaxially mounted to a **380 mm (15") B&C woofer** with 64 mm (2.5") voice coil
- > **350Wrms Class G LF amplifier**
- > **100Wrms Class G HF amplifier**
- > Analog signal processor with limiter
- > Control panel with: ground lift, XLR input and output, 2-band EQ (High/Low), limiter, protection LED, volume control
- > **90° angle dispersion**
- > **15mm (0.59") birch plywood** scratch resistant enclosure, 45° monitor profile
- > **2 metal handles**
- > Specifically designed for nearfield use as a stage monitor in live sound



events and touring, it has an exceptional dispersion coherence in the whole coverage angle without the lobing phenomena

Verve 15M

500W / 8ohm - 125dB SPL
Sound Reinforcement Monitor

- > Passive version, **500Wrms/8ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon inputs



Verve 12Ma

300W + 100W - 123dB SPL
Processed Active
Reinforcement Monitor

- > 2-way, coaxial, bass reflex, bi-amplified
- > **B&C HF titanium compression driver with 36mm (1.4") voice coil and 25 mm (1") exit** coaxially mounted to a **320 mm (12") B&C woofer** with 50 mm (2") diameter voice coil
- > **300Wrms Class G LF amplifier**
- > **100Wrms Class G HF amplifier**
- > Analog signal processor with limiter
- > Control panel with: ground lift, XLR input and output, 2-band EQ (High/Low), limiter, protection LED, volume control
- > **90° angle dispersion**
- > **15mm (0.59") birch plywood** scratch resistant enclosure, 45° monitor profile
- > **35 mm ø (1.38") Top-hat for speaker stand and 1 metal handle**



> Multi-functional enclosure design: full range "Front of House" speaker use or floor stage monitor

Verve 12M

300W / 8ohm - 123dB SPL
Sound Reinforcement Monitor

- > Passive version, **300Wrms/8ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon inputs



Verve 8Ma

150W + 50W - 117dB SPL
Processed Active Reinforcement
Monitor

- > 2-way, coaxial, bass reflex, bi-amplified
- > **B&C HF titanium compression driver with 36 mm (1.4") voice coil and 25 mm (1") exit** coaxially mounted to a **200 mm (8") B&C woofer** with 50 mm (2") voice coil
- > **150Wrms Class G LF amplifier**
- > **100Wrms Class AB HF amplifier**
- > Analog signal processor with limiter
- > Control panel with: ground lift, XLR input and output, limiter, protection LED, volume control
- > **90° angle dispersion**
- > **15mm (0.59") birch plywood** scratch resistant enclosure, 45° monitor profile
- > **4 x M6 omni-mount anchoring points**



> Specifically designed frequency response for nearfield use as a stage monitor

Verve 8M

250W / 8ohm - 119dB SPL
Sound Reinforcement Monitor

- > Passive version, **250Wrms/8ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of the LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon inputs





Verve 18Sa

600W - 126,5dB SPL
Processed Active
Reinforcement Subwoofer

- > Powered subwoofer in bass reflex design
- > **600Wrms Class D (PWM) amplifier**
- > **Switch mode power supply**
- > **460 mm (18") B&C ceramic woofer** with 76 mm (3") voice coil
- > Control panel with stereo XLR input and link, Hi-Pass filtered XLR outputs for mid-high

satellite connection, volume, limiter, ground-lift, 0° - 180° phase switch

- > **18 mm (0.7") birch plywood** scratch resistant enclosure
- > **6 x M10 anchoring points and 2 metal handles**
- > Very generous low frequency response **down to 35Hz**, compact weight and dimensions



Verve 15Sa

500W - 124,5dB SPL
Processed Active
Reinforcement Subwoofer

- > Powered subwoofer in bass reflex design
- > **500Wrms Class D (PWM) amplifier**
- > **Switch mode power supply**
- > **380 mm (15") B&C ceramic woofer** with 76 mm (3") voice coil
- > Control panel with stereo XLR input and link, Hi-Pass

filtered XLR outputs for mid-high satellite connection, volume, limiter, ground-lift, 0° - 180° phase switch

- > **18 mm (0.7") birch plywood** scratch resistant enclosure
- > **6 x M10 anchoring points and 2 metal handles**
- > Very generous low frequency response **down to 40Hz**, compact weight and dimensions

Verve 18S

1200W / 4ohm - 129dB SPL
Sound Reinforcement
Subwoofer

- > Passive version, **1200Wrms/4ohm recommended amplifier**
- > Input control panel with 2 NL-4 Neutrik™ Speakon inputs and link to facilitate connection of speakers in parallel
- > External electronic crossover is required



Verve 15S

700W / 4ohm - 126dB SPL
Sound Reinforcement
Subwoofer

- > Passive version, **700Wrms/4ohm recommended amplifier**
- > Input control panel with 2 NL-4 Neutrik™ Speakon inputs and link to facilitate connection of speakers in parallel
- > External electronic crossover is required



BOX 120
 Adjustable wall mount arm



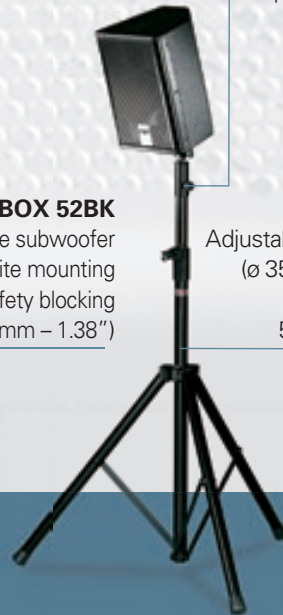
BOX 119
 Adjustable wall mount arm

BOX 122
 Directional truss clamp



BOX 52BK
 Adjustable subwoofer to satellite mounting pole with safety blocking (ø 35 mm - 1.38")

BOX 121
 Adjustable adapter



BOX 32BK
 Adjustable floor stand (ø 35 mm - 1.38") - max weight 56 Kg (124 Lb)

BOX 118
 Adapter for ø 35 mm - 1.38 speaker stand





Model		Verve 215a	Verve 152a	Verve 15a	Verve 12a	Verve 10a	Verve 18Sa	Verve 15Sa	Verve 15Ma	Verve 12Ma	Verve 8Ma
Configuration	way	2	2	2	2	2	bass reflex	bass reflex	2 coaxial	2 coaxial	2 coaxial
Recommended amplifier LF/HFw rms		600/150	500/150	350/100	300/100	250/100	600	500	350/100	300/100	150/50
Frequency response	@-6dB	43Hz - 20KHz	45Hz - 20KHz	48Hz - 20KHz	58Hz - 20KHz	50Hz - 20KHz	33Hz - 100Hz	38Hz - 100Hz	55Hz - 20KHz	60Hz - 20KHz	65Hz - 20KHz
Low frequency woofer	inch	2x15 - 3 coil	15 - 3 coil	15 - 2,5 coil	12 - 2,5 coil	10 - 2 coil	18 - 3 coil	15 - 3 coil	15 - 2,5 coil	12 - 2 coil	8 - 2 coil
High frequency driver	inch	2 - 2,5 coil	2 - 2,5 coil	1 - 1,4 coil	1 - 1,4 coil	1 - 1,4 coil	-	-	1 - 1,7 coil	1 - 1,4 coil	1 - 1,4 coil
Sensitivity (@1W/1m)	dB	101	98	98	98	97	98,5	97,5	98	98	95
Maximum SPL	dB	129	125	123,5	123	121	126,5	124,5	125,5	123	117
Dispersion	H x V	60° x 40° rotatable	60° x 40° rotatable	80° x 50° rotatable	80° x 50° rotatable	80° x 50° rotatable	omni- directional	omni- directional	90° x 90°	90° x 90°	100° x 100°
Input impedance	kohm	22	22	22	22	22	22	22	22	22	22
Crossover frequency	kHz	1,4	1,6	1,8	1,8	2	0,1	0,1	1,8	1,8	2,2
Input connectors		XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop	XLR with loop
Power cord	m/ft	5/16,4"	5/16,4"	5/16,4"	5/16,4"	5/16,4"	5/16,4"	5/16,4"	5/16,4"	5/16,4"	5/16,4"
Net dimensions (WxHxD)	mm	513x1222x425	432x779x405	432x729x405	381x630x360	328x550x316	506x604x636	432x540x550	432x570x380	381x530x312	270x370x266
	inch	20,2x48,1x16,7	17x30,7x16	17x28,7x15,9	15x24,8x14,1	12,9x21,7x12,4	19,9x23,8x25	17x21,3x21,6	17x22,4x15	15x20,9x12,3	10,6x14,6x10,5
Net weight	kg	49,5	30,5	25	20	18	43,5	31,5	27	19	11,2
	Lb	109,12	67,24	55,11	44,09	39,68	95,9	69,44	59,52	41,88	24,69
Transport dimensions (WxHxD)	mm	600x1300x520	520x860x490	470x820x520	440x715x455	405x635x390	600x680x715	535x625x625	510x650x455	460x600x380	345x445x345
	inch	23,6x51,2x20,5	20,5x33,9x19,3	18,5x32,3x20,5	17,3x28,2x18	15,9x25x15,3	23,6x26,8x28,1	21,1x24,6x24,6	20,1x25,6x17,9	18,1x23,6x15	13,6x17,5x13,6
Transport weight	kg	54	34,5	28,2	22,9	19,6	48	34,5	29,8	21,2	13,2
	Lb	119,04	76,05	62,17	50,48	43,21	105,82	76,05	65,69	46,73	29,10

Modello		Verve 215	Verve 152	Verve 15	Verve 12	Verve 10	Verve 18S	Verve 15S	Verve 15M	Verve 12M	Verve 8M
Configuration	way	2	2	2	2	2	bass reflex	bass reflex	2 coaxial	2 coaxial	2coaxial
Recommended amplifier Wrms		1400	700	400	300	250	1200	700	500	300	250
Along term power AES	W	700	350	200	150	125	600	350	250	150	125
Short term power IEC 268-5	W	2800	1400	800	600	500	2400	1400	1000	600	500
Nominal impedance	ohm	4	8	8	8	8	4	8	8	8	8
Frequency response	@-6dB	47hz - 18kHz	47hz - 18kHz	50hz - 18kHz	50hz - 18kHz	50hz - 18kHz	35hz - 150Hz	40hz - 200Hz	60hz - 18kHz	65hz - 18kHz	75hz - 18kHz
Low frequency woofe	inch	2x15 - 3 coi	15 - 3 coil	15 - 2,5 coil	12 - 2,5 coil	10 - 2 coil	18 - 3 coil	15 - 3 coil	15 - 2,5 coil	12 - 2 coil	8 - 2 coil
High frequency driver	inch	2 - 2,5 coil	2 - 2,5 coil	1 - 1,4coil	1 - 1,4coil	1 - 1,4coil	-	-	1 - 1,7 coil	1 - 1,4 coil	1 - 1,4 coil
Sensitivity (@1W/1m)	dB	101	98	98	98	97	98,5	97,5	98	98	95
Maximum SPL	dB	132,5	126,5	125	123	121	129	126	125	123	119
Dispersion	H x V	60° x 40° rotatable	60° x 40° rotatable	80° x 50° rotatable	80° x 50° rotatable	80° x 50° rotatable	omni- directional	omni- directional	90° x 90°	90° x 90°	100° x 100°
Crossover frequency	kHz	1,6	1,6	1,8	2	2,2	0,1 external	0,1 external	1,8	1,8	2,2
Input connectors		2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4	2 x Neutrik™ Speakon NL-4
Net dimensions (WxHxD)	mm	513x1222x425	432x779x405	432x729x405	381x630x360	328x550x316	506x604x636	432x540x550	432x570x380	381x530x312	270x370x266
	inch	20,2x48,1x16,7	17x30,7x15,9	17x28,7x15,9	15x24,8x14,1	12,9x21,6x12,4	19,9x23,8x25	17x21,3x21,6	17x22,4x15	15x20,9x12,3	10,6x14,6x10,5
Net weight	kg	46	27	21	16	14	40	28	22	15	9
	Lb	101,4	59,5	46,3	35,3	30,8	88,2	61,7	48,5	33	19,8
Transport dimensions (WxHxD)	mm	600x1300x520	520x860x490	470x820x520	440x715x455	405x635x390	600x680x715	535x625x625	510x650x455	460x600x380	345x445x345
	inch	23,6x51,2x20,5	20,5x33,9x19,3	18,5x32,3x20,5	17,3x28,1x17,9	15,9x25x15,3	23,6x26,7x28,1	21,1x24,6x24,6	20,1x25,6x17,9	18,1x23,6x15	13,6x17,5x13,6
Transport weight	kg	50,5	31	24,2	18,9	15,6	43,7	31	24,8	17,2	11
	Lb	111,3	68,3	53,3	41,6	34,4	96,3	68,4	56,6	38	24,2