PCS-118LB

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- Multi function scalable 18" line array subwoofer
- Suitable for PCS-110L-FFR flight frame
- 3000 W program power
- 1500 W AES power
- Low-distortion neodymium woofer with die-casting basket
- 5" voice coil
- Designed for touring, rental and installation
- 8 Ohm Impedance
- Upside and downside connecting panel with Neutrik NL4 sockets
- Innovative fly ware design for hanging or stacking installations

Speci-fication
PCS-118LB

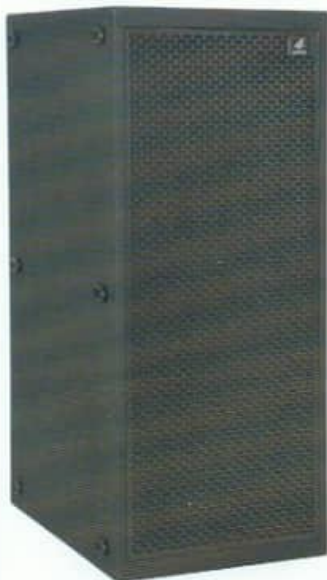| Model Name	PCS-118LB
GS1 (EAN) CODE	4260318510622
System Type	18" line array subwoofer
Power Rating	1500 W AES 3000 W program 6000 W peak
Frequency Range (- 10 dB)	30 Hz - 200 Hz
Sensitivity	98 dB 1w/1m
Maximum SPL	132 dB
Woofer	1 x STG-18NB 1500W AES, 5" voice coil
Suspension/Mounting	Line array fly ware for PCS-110L-FFR Top mounted M20 threaded top hat to suit M20 tapped poles
Nominal Impedance	8 Ohm
Input Connectors	Upside and downside connection panel 4 x Neutrik NL4 Socket parallel 2+/2-
Dimensions (h/w/d)	600x500x600 mm
Net weight	44,0 kg

Acces-sories
PCS-118LB

Order Code	GS1 (EAN) Code	Description
STG-WH100	4260318511131	100mm blue wheel Set (two pcs. with brake)
PCS-118LB-FC	4260318511247	Flight Case with wheels for PCS-118LB
STG-M20T	4260318511049	Adjustable M20 threaded distance Tube 1,0 Meter to 1,5 Meter
KA-SP4-0.5	4260318511155	0,5 Meter speaker cable 4x2,5qmm
KA-SP4-05	4260318511193	5 Meter speaker cable 4x2,5qmm
KA-SP4-10	4260318511209	10 Meter speaker cable 4x2,5qmm
KA-SP4-15	4260318511216	15 Meter speaker cable 4x2,5qmm
KA-SP4-20	4260318511223	20 Meter speaker cable 4x2,5qmm

GERMAN
Pro
Audio
Engineering

PCS-218NB

4 acoustic Pro Audio Germany

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- Double 18" ground stack subwoofer
- Snap In function for PCS-110L-FFR-L
- 6000 W program power
- 3000 W AES power
- Low-distortion neodymium woofer with die-casting basket
- 5" voice coil
- Designed for touring, rental and installation
- 4 Ohm Impedance
- Connecting panel with Neutrik NL4 sockets
- 2 x M20 threaded top hat to suit M20 tapped toles

Speci-fication

PCS-218NB

Model Name	PCS-218NB
GS1 (EAN) CODE	4260318511117
System Type	Double 18" ground stack subwoofer
Power Rating	3000 W AES 6000 W program 12000 W peak
Frequency Range (- 10 dB)	30 Hz - 200 Hz
Sensitivity	101 dB 1w/1m
Maximum SPL	138 dB
Woofer	2 x STG-18NB 1500W AES, 5" voice coil
Suspension/Mounting	Snap In function for PCS-110L-FFR-L 2 x M20 threaded top hat to suit M20 tapped poles
Nominal Impedance	4 Ohm
Input Connectors	2 x Neutrik NL4 Socket parallel 1+/1-
Dimensions (h/w/d)	1000x500x700 mm
Net weight	73,5 kg

Acces-sories

PCS-218NB

Order Code	GS1 (EAN) Code	Description
STG-WH100	4260318511131	100mm blue wheel Set (two pcs. with brake)
PCS-218NB-BAG	4260318511254	Nylon protection transport cover bag for PCS-218NB
STG-M20T	4260318511049	Adjustable M20 threaded distance Tube 1,0 Meter to 1,5 Meter
KA-SP4-0.5	4260318511155	0.5 Meter speaker cable 4x2,5qmm
KA-SP4-05	4260318511193	5 Meter speaker cable 4x2,5qmm
KA-SP4-10	4260318511209	10 Meter speaker cable 4x2,5qmm
KA-SP4-15	4260318511216	15 Meter speaker cable 4x2,5qmm
KA-SP4-20	4260318511223	20 Meter speaker cable 4x2,5qmm

GERMAN Pro Audio Engineering

PCS-118LB Fly Set

QTY	Order Code	Description
2	PCS-118LB	18" line array subwoofer
8	PCS-110L	1x10"/2x1" Line Array Module
2	PCS-110L-FFR	Flight frame for PCS-110L and PCS-118LB
4	KA-SP2-0.5	0,5 Meter speaker cable 2x2,5qmm
2	KA-SP4-20	20 Meter speaker cable 4x2,5qmm
1	SC-216	DSP System Controller
1	ST-6000	Class D System Amplifier 4 x 1500 Watt @ 8 ohm

4-Acoustic

PCS-M Multi Function Speaker

All four models are available both in active with modern and low weight Class-D amplifiers as well as 2-way passive with oversized, precisely tuned crossovers networks. To optimize the coverage pattern to use as floor monitor the horn is 90° rotatable. The sound calibration of this series has transparent and clearly differentiated mid/high frequencies which provide a harmonious sound even at very high sound pressure levels. The workmanship is made without any compromises. The selection of the wood, varnish and speaker components is focused exclusively on the construction of a unique perfect sound speaker. All speakers of the PCS-M series have a VSL flight frame mounting base for wall, ceiling and truss installation, as well as various attachment points for hanging. Transportation covers are available optional.

PCS-M Versions

The entire PCS-M series is available as two-way passive, as well as active with integrated Class-D amplifiers technology and high-quality digital signal processing.The vented passive systems are default in 8 ohms impedance. The well-tuned crossover network has very high power reserves and is perfectly tuned to the components. The back panel is equipped with two parallel wired Neutrik speaker sockets. The active units are equipped with a premium Class-D amplifier plug-in with SMPS technology. These powerful amplifiers convince with compact dimensions and low weight. Due to the extremely high efficiency and the use of a 10 mm thick aluminum front panel for cooling, no additional fan is needed outward. The sound is not affected by noisy fans. Contamination or moisture from penetrating through the fan is avoided as well. The active speaker PCS-112MA and PCS-115MA are two way active with a separate amplifier for the woofer and the compression driver. It contains additionally a freely programmable DSP unit. With PC software, connected to the USB interface, the user can adjust several settings of the DSP.
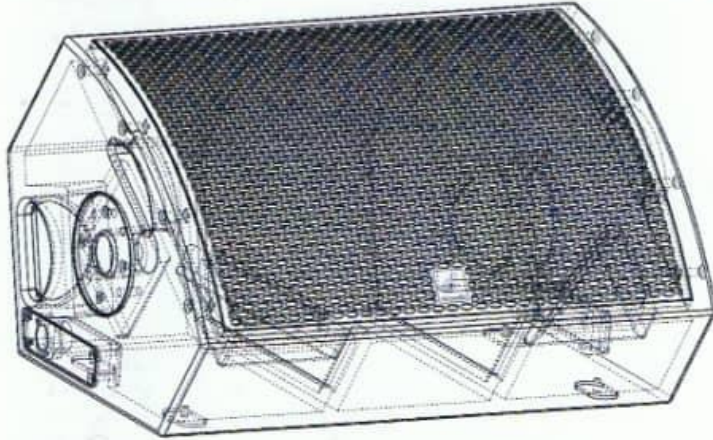
PCS-210L

PCS-210L is a compact size, high power speaker to use in vertical line array columns up to 24 units per flight frame. The mechanical design offers a vertical adjustment from 0° to 10° with a resolution of 1,0° per step. For an easy setup of the vertical angel PCS-210L is equipped with a simple but clever mechanical break. The entire flyware is made of high quality, extreme resilient aluminum components. This two way passive system comprise of two 10" Neodymium woofers in dipole arrangement and two centrally mounted 1" drivers connected to an accurate calculated wave transformer. The maximum SPL of a single unit is 136 dB. The coverage pattern is 10°x120° (v x h). The impact and weather resistant housing is made of best quality multiplex wood and covered with a strong, black sand paint. Four integrated handles will support an easy transport and installation. The front side of the speaker is protected by a 1,5 mm strong, black metal grill covert with black color acoustic foam. The flight frame construction allows hanging and standing installation on PCS subwoofers.

HCS-CM Coaxial Monitors

neodymium stage monitors

HCS-112CM and HCS-115CM are professional stage monitors equipped with high performance source point coaxial speakers. The coverage pattern of the integrated horn is 60° x 40°. The crossover design is adjusted as stage monitor and provides strong and clear vocals. The neodymium drivers are protected by well calculated driver protection. The housing construction supports the usage on stage and offers handles at the back and front side. A speaker socket is installed at the left and right side of the housing so the wiring or connecting of a second monitor can be done from any side.
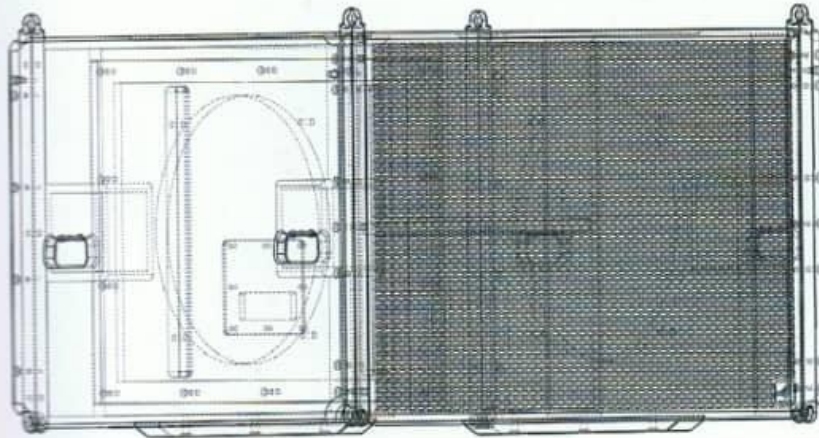
HCS-112CM
HCS-115CM

	HCS-112CM	HCS-115CM
Power Rating	450 W AES	550 W AES
	900 W program	1100 W program
	1800 W peak	2200 W peak
Frequency Range (-10 dB)	49 Hz - 20 kHz	45 Hz - 20 kHz
Coverage Pattern (h x v) 1 kHz -6 dB	60°x40°	60°x40°
Sensitivity	100 dB 1w/1m	103 dB 1w/1m
Maximum SPL	130 dB	136 dB
Nominal Impedance	8 Ohm	8 Ohm
Input Connectors	2 x SPKN parallel 1+/1-	2 x SPKN parallel 1+/1-
Suspension/Mounting	35 mm pole socket	35 mm pole socket
Dimensions (h/w/d)	310x500x370 mm	345x600x425 mm
Netweight	15.0 kg	19.0 kg

PCS-118LB M20 Tube Setup

QTY	Order Code	Description
2	PCS-118LB	18" line array subwoofer
4	PCS-110L	1x10"/2x1" Line Array Module
2	PCS-110L-FFR-L	Flight frame light for PCS-110L
2	STG-M20T	Adjustable M20 threaded distance Tube 1,0 Meter
2	KA-SP2-0.5	0.5 Meter speaker cable 2x2,5qmm
2	KA-SP2-02	2,0 Meter speaker cable 2x2,5qmm
2	KA-SP4-15	15,0 Meter speaker cable 4x2,5qmm
1	SC-216	DSP System Controller
1	ST-6000	Class D System Amplifier 4 x 1500 Watt @ 8 ohm

PCS-215LB

With our PCS-215LB we are introducing a high performance neodymium subwoofer system for our vertical line array modules PCS-208L and PCS-210L. Equipped with two high efficient premium neodymium woofers PCS-215LB covers a frequency range from 39Hz to 120 Hz and a maximum SPL of 137dB. The entire flyware is made of high quality aluminum parts.

	PCS-208L	PCS-210L	PCS-215LB
System Type	2x8"/2x1" Line Array Module	2x10"/2x1" Line Array Module	2x15" Line Array Subwoofer
Power Rating	500 W AES	800 W AES	1500 W AES
	1000 W program	1600 W program	3000 W program
	2000 W peak	3200 W peak	6000 W peak
Frequency Range (-10 dB)	75 Hz - 20 kHz	75 Hz - 20 kHz	39 Hz - 120 Hz
Coverage Pattern (h x v)	120°x10°	120°x10°	
T likely -6 dB			
Sensitivity	104 dB 1w/1m	104 dB 1w/1m	103 dB 1w/1m
Maximum SPL	134 dB	136 dB	137 dB
Nominal Impedance	8 Ohm	8 Ohm	4 Ohm
Input Connectors	2 x SPKN parallel 1+/1-	2 x SPKN parallel 1+/1-	2 x SPKN parallel 1+/1-
Dimensions (hxwxd)	250x650x446 mm	319x750x515 mm	515x750x720 mm
Net weight	19,5 kg	29,5 kg	59,0 kg