



Pro Audio
Germany

STARTUP

www.4-acoustic.com

STARTUP

Scalable, Flexible, Affordable
The right system to get started!

- PCS-108L Single 8" line array module
- PCS-115LB Single 15" line array subwoofer
- PCS-315NB Triple 15" ground stack subwoofer



GERMAN
Pro
Audio
Engineering

www.4-acoustic.com

Contents

Contents	03
PCS-108L Line Array Module	04
PCS-108FFR Flight Frame	05
PCS-108FFR-L Flight Frame Light	05
PCS-115LB Single 15" Line Array Subwoofer	06
PCS-315NB Triple 15" Ground Stack Subwoofer	07
PCS-115LB M20 Tube Setup Ground Stack System	08
PCS-115LB Ground Stack Setup	09
PCS-315NB Ground Stack Setup	10
PCS-108L Fly Set + PCS-115LB Ground Stack	11
PCS-115LB + PCS-108L Fly Set I	12
PCS-115LB + PCS-108L Fly Set II	13
Accessories	14
Overview	15

PCS-108L

www.4-acoustic.com

- Highest quality Baltic multiplex wood
- Water-resistant Polyurea coating
- Suitable for touring, rental and installation
- 700 W program power
- 350 W AES power
- Vertical adjustment from 0° to 10° with a resolution of 1,5° per step
- Mechanical brake for easy installation and setup
- 16 Ohm Impedance
- Coverage pattern is 10°x120°

PCS-108L is a compact size, high power speaker to use in vertical line array columns up to 12 units per flight frame. The mechanical design offers a vertical adjustment from 0° to 9° with a resolution of 1,5° per step. For an easy setup of the vertical angel PCS-108L is equipped with a simple but clever mechanical brake. The entire flyware is made of high quality, extreme resilient aluminum components. This two way passive system comprise of a 8" Neodymium woofer and two 1" drivers connected to an accurate calculated wave transformer. The maximum SPL of a single unit is 131 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, water-resistant Polyurea coating. 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. The compact size and 2-way passive design guarantee a maximum of flexibility in use with our DSP system controller and DSP integrated system amplifiers.



Specification

PCS-108L

Model Name	PCS-108L
GS1 (EAN) CODE	4260318510530
System Type	1x8"/2x1" Line Array Module
Power Rating	350 W AES 700 W program 1400 W peak
Frequency Range (+/- 3 dB)	75 Hz - 20 kHz
Coverage Pattern (hvx)	120°x10°
Sensitivity	100 dB 1w/1m
Maximum SPL	131 dB
Woofer	1 x STG-8L 250W AES, 2,5" voice coil, neodymium
Driver	2 x STG-45NB 50W AES, 1,75" voice coil, neodymium
Nominal Impedance	16 Ohm
Input Connectors	2 x Neutrik NL4 Socket parallel 1+/1-
Housing	Baltic Birch Multiplex
Coating	Water-resistant Polyurea coating
Dimensions (h/w/d)	243x430x425 mm
Net weight	16,0 Kg





Pro Audio
Germany

PCS-108FFR

www.4-acoustic.com

- Scalable up to 12 units PCS-108L per flight frame
- Suitable for PCS-108L and PCS-115LB
- 4 mm strong galvanized Steel
- Shockproof black powder coating
- Support multi pick point fixing



Pro Audio
Germany

PCS-108FFR-L

www.4-acoustic.com

- Multi function flight frame design
- Suitable for PCS-108L hanging up to 4 pcs
- Ground stack support frame for PCS-315NB
- Shockproof black powder coating
- Support multi pick point fixing
- Snap In fixing as ground stack
- 4 mm strong galvanized Steel



Accessories

PCS-108L

Order Code	GS1 (EAN) Code	Description
PCS-108FFR	4260318510547	Flight Frame for PCS-108L or PCS-115LB
PCS-108FFR-L	4260318510554	Flight Frame Light for PCS-108L
PCS-108L-FC	4260318511353	Flight Case with wheels for 4 pcs. PCS-108L modules
KA-SP2-0.5	4260318510929	0,5 Meter speaker cable 2x2,5qmm
KA-SP2-10	4260318510974	10 Meter speaker cable 2x2,5qmm
KA-SP2-15	4260318510981	15 Meter speaker cable 2x2,5qmm
KA-SP2-20	4260318510998	20 Meter speaker cable 2x2,5qmm



GERMAN
Pro
Audio
Engineering

PCS-115LB

www.4-acoustic.com

- Multi function scalable Single 15" line array subwoofer
- Suitable for PCS-108FFR flight frame
- 2400 W program power
- 1200 W AES power
- Carbon fiber neodymium woofer
- 4" 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

Specification

PCS-115LB

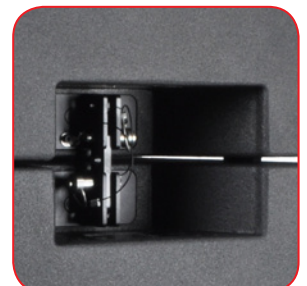


Model Name	PCS-115LB
GS1 (EAN) CODE	4260318511131
System Type	Single 15" line array subwoofer
Power Rating	1200 W AES 2400 W program 4800 W peak
Frequency Range (- 10 dB)	40 Hz - 200 Hz
Sensitivity	99dB 1w/1m
Maximum SPL	130 dB
Woofers	1 x STG-15NB-S 1200W AES, 4" voice coil, carbon fiber neodymium
Suspension/Mounting	Line array fly ware for PCS-108FFR Top mounted M20 threaded top hat to suit M20 tapped poles
Nominal Impedance	8 Ohm
Housing	Baltic Birch Multiplex
Coating	Water-resistant Polyurea coating
Input Connectors	Upside and downside connection panel 4 x Neutrik NL4 Socket parallel 2+/-
Dimensions (h/w/d)	600x430x530 mm
Net weight	38,0 kg

Accessories

PCS-115LB

Order Code	GS1 (EAN) Code	Description
STG-WH100	4260318511131	4 x 100mm STAGETONE blue wheels (two pcs. with brake)
PCS-115LB-FC	4260318511551	Flight Case with wheels for PCS-115LB
PCS-118LB-TR	4260318510639	Trolley for PCS-118LB subwoofer
PCS-118LB-RC	4260318511650	Rain and transport cover 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





Pro Audio
Germany

PCS-315NB

www.4-acoustic.com

- Triple 15" ground stack subwoofer
- Snap In function for PCS-108FFR-L
- 7200 W program power
- 3600 W AES power
- Carbon fiber neodymium woofers
- 4" voice coil
- Designed for touring, rental and installation
- 2,7 Ohm Impedance
- 2 x M20 threaded top hat to suit M20 tapped toles

Three premium 4" voice coil Carbon fiber neodymium woofers, each with 1200 watts AES power, installed in a just 1000x430x600 mm large case, provide a sound pressure up to 140dB. A peak power performance of over 14,000 watts is possible. The frequency response covers 38 Hz to 200 Hz and provides a flexible connecting point to the mid / high systems. The nominal impedance is 2.7 ohm.



Specification

PCS-315NB

Model Name	PCS-315NB
GS1 (EAN) CODE	4260318510479
System Type	Triple 15" ground stack subwoofer
Power Rating	3600 W AES 7200 W program 14400 W peak
Frequency Range (- 10 dB)	38 Hz - 200 Hz
Sensitivity	101 dB 1w/1m
Maximum SPL	140 dB
Woofer	3 x STG-15NB-S 1200W AES, 4" voice coil, carbon fiber neodymium
Suspension/Mounting	Snap In function for PCS-108FFR-L 2 x M20 threaded top hat to suit M20 tapped poles
Nominal Impedance	2,7 Ohm
Input Connectors	2 x Neutrik NL4 Socket parallel 1+/1-
Housing	Baltic Birch Multiplex
Coating	Water-resistant Polyurea coating
Dimensions (h/w/d)	1000x430x600 mm
Net weight	65,5 kg

Accessories

PCS-315NB

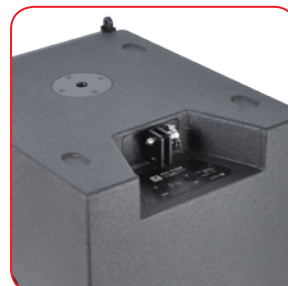
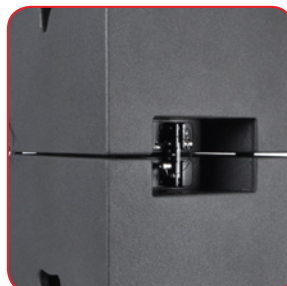
Order Code	GS1 (EAN) Code	Description
STG-WH100	4260318511131	4 x 100mm STAGETONE blue wheels (two pcs. with brake)
PCS-315NB-RC	4260318511568	Rain and transport cover for PCS-118LB
STG-M20T	4260318511049	Adjustable M20 threaded distance tube 1,0 Meter to 1,5 Meter
KA-SP4-0.5	4260318511155	0,5 Meter 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-115LB M20 Tube Setup

QTY	Order Code	Description
2	PCS-115LB	Single 15" line array subwoofer
4	PCS-108L	1x8"/2x1" Line Array Module
2	PCS-108FFR-L	Flight frame light for PCS-108L
2	STG-M20TA	Adjustable M20 distance tube with frame adaptor
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	DSM-428	DSP System Controller 4 IN / 8 OUT / AES IN
1	ST-6400	Class D System Amplifier 4 x 1500 Watt @ 8 ohm



PCS-115LB Ground Stack

QTY	Order Code	Description
4	PCS-115LB	Single 15" line array subwoofer
8	PCS-108L	1x8"/2x1" Line Array Module
2	CNCT-LB-01	Connecting part for Line Array to Subwoofer
8	KA-SP2-0.5	0,5 Meter speaker cable 2x2,5qmm
2	KA-SP4-0.5	0,5 Meter speaker cable 4x2,5qmm
2	KA-SP4-15	15 Meter speaker cable 4x2,5qmm
1	DSM-428	DSP System Controller 4 IN / 8 OUT / AES IN
1	ST-6400	Class D System Amplifier 4 x 1500 Watt @ 8 ohm



PCS-315NB Ground Stack

QTY	Order Code	Description
2	PCS-315NB	Triple 15" ground stack subwoofer
8	PCS-108L	1x8"/2x1" Line Array Module
2	PCS-108FFR-L	Flight frame light for PCS-108L
6	KA-SP2-0.5	0,5 Meter speaker cable 2x2,5qmm
2	KA-SP2-01	1,0 Meter speaker cable 2x2,5qmm
2	KA-SP4-15	15,0 Meter speaker cable 4x2,5qmm
1	DSM-428	DSP System Controller 4 IN / 8 OUT / AES IN
1	ST-6400	Class D System Amplifier 4 x 1500 Watt @ 8 ohm





PCS-108L Fly Set + PCS-115LB Ground Stack

QTY	Order Code	Description
4	PCS-115LB	Single 15" line array subwoofer
8	PCS-108L	1x8"/2x1" Line Array Module
2	PCS-108FFR-L	Flight frame light for PCS-108L (without truss coupler)
6	KA-SP2-0.5	0,5 Meter speaker cable 2x2,5qmm
2	KA-SP2-20	20 Meter speaker cable 2x2,5qmm
2	KA-SP4-0.5	0,5 Meter speaker cable 4x2,5qmm
2	KA-SP4-15	15 Meter speaker cable 4x2,5qmm
1	DSM-428	DSP System Controller 4 IN / 8 OUT / AES IN
1	ST-6400	Class D System Amplifier 4 x 1500 Watt @ 8 ohm





PCS-115LB + PCS-108L Fly Set I

QTY	Order Code	Description
2	PCS-115LB	Single 15" line array subwoofer
8	PCS-108L	1x8"/2x1" Line Array Module
2	PCS-108FFR	Flight frame for PCS-115LB and PCS-108L
2	KA-SP4-20	20 Meter speaker cable 4x2,5qmm
8	KA-SP2-0.5	0,5 Meter speaker cable 2x2,5qmm
1	DSM-428	DSP System Controller 4 IN / 8 OUT / AES IN
1	ST-6400	Class D System Amplifier 4 x 1500 Watt @ 8 ohm





PCS-115LB + PCS-108L Fly Set II

QTY	Order Code	Description
4	PCS-115LB	Single 15" line array subwoofer
12	PCS-108L	1x8"/2x1" Line Array Module
2	PCS-108FFR	Flight frame for PCS-115LB and PCS-108L
2	KA-SP4-20	20 Meter speaker cable 4x2,5qmm
2	KA-SP4-0.5	0,5 Meter speaker cable 4x2,5qmm
12	KA-SP2-0.5	0,5 Meter speaker cable 2x2,5qmm
1	DSM-428	DSP System Controller 4 IN / 8 OUT / AES IN
1	ST-6400	Class D System Amplifier 4 x 1500 Watt @ 8 ohm



4
acoustic

Pro Audio
Germany

Accessories

www.4-acoustic.com



GERMAN
Pro
Audio
Engineering

Subwoofer

Model Name	PCS-115LB	PCS-315NB
GS1 (EAN) CODE	4260318511131	4260318510479
System Type	Single 15" line array subwoofer	Triple 15" ground stack subwoofer
Power Rating	1200 W AES 2400 W program 4800 W peak	3600 W AES 7200 W program 14400 W peak
Frequency Range	40 Hz - 200 Hz	38 Hz - 200 Hz
Sensitivity	99 dB 1w/1m (- 10 dB)	101 dB 1w/1m
Maximum SPL	130 dB	140 dB
Woofers	1 x STG-15NB-S 1200W AES, 4" voice coil, carbon fiber neodymium	3 x STG-15NB-S 1200W AES, 4" voice coil, carbon fiber neodymium
Suspension/Mounting	Line array fly ware for PCS-108FFR Top mounted M20 threaded top hat to suit M20 tapped poles	Snap In function for PCS-108FFR-L 2 x M20 threaded top hat to suit M20 tapped poles
Nominal Impedance	8 Ohm	2,7 Ohm
Input Connectors	Upside and downside connection panel 4 x Neutrik NL4 Socket parallel 2+/2-	2 x Neutrik NL4 Socket parallel 1+/1-
Housing	Baltic Birch Multiplex	Baltic Birch Multiplex
Coating	Water-resistant Polyurea coating	Water-resistant Polyurea coating
Dimensions (h/w/d)	600x430x530 mm	1000x430x600 mm
Net weight	38,0 kg	65,5 kg

PCS-108L Line Array Module

Model Name	PCS-108L
GS1 (EAN) CODE	4260318510530
System Type	1x8"/2x1" Line Array Module
Power Rating	350 W AES 700 W program 1400 W peak
Frequency Range (+/- 3 dB)	75 Hz - 20 kHz
Coverage Pattern (hvx)	120°x10°
Sensitivity	100 dB 1w/1m
Maximum SPL	131 dB
Woofers	1 x STG-8L 250W AES, 2,5" voice coil, neodymium
Drivers	2 x STG-45NB 50W AES, 1,75" voice coil, neodymium
Nominal Impedance	16 Ohm
Input Connectors	2 x Neutrik NL4 Socket parallel 1+/1-
Housing	Baltic Birch Multiplex
Coating	Water-resistant Polyurea coating
Dimensions (h/w/d)	243x430x425 mm
Net weight	16,0 Kg



Pro Audio
Germany

STARTUP

www.4-acoustic.com

STARTUP



Pro Audio
Germany

INLINE Marketing GmbH

Bunsenstrasse 32

59229 Ahlen, Germany

Tel. +49 2382 7087-0

Fax +49 2382 7087-25

E-Mail sales@4-acoustic.com

Web www.4-acoustic.com