



Features

- Passive Power Distribution Box for connecting HEADlab systems (with *labHMS*) as well as 4 artificial heads of the HMS III and the HMS IV generation
 - PDB II.1 is equipped with cable lugs for connecting e.g. to a car battery
 - Variant PDB II.1-V1 is equipped with a LEMO connector for connecting to the power supply unit
- 4 XLR connectors to supply up to 4 artificial heads, binaural front ends BEQ II, or playback equalizers *labO2-V1* and *labP2-V1*
- 1 Speakon connector to supply a HEADlab system (connecting to the power modules *labPWR I.1* or *labPWR I.2*)

Scope of Supply

- PDB II.1 (Code 3716)
Power Distribution Box
or:
- PDB II.1-V1 (Code 3716-V1)
Power Distribution Box (LEMO)

Accessories (optional)

- CXX III.xx (Code 5179-xx)
Cable XLR male ↔ XLR female, 4-pin
- CSL X.xx (Code 3787-xx)
Speakon cable 2-pin ↔ LEMO 2-pin, maximum length: 4 m (157.5")
- Power supply unit for PDB II.1-V1 (15 V DC / 9.6 A / LEMO 2-pin)

DATA SHEET

PDB II.1 (Code 3716)

Power Distribution Box

Variant: PDB II.1-V1 (Code 3716-V1)

Overview

The Power Distribution Box PDB II.1 is a passive distributor for power supply, e.g. for the operation of a HEADlab system (with *labHMS*) and up to 4 artificial heads of the HMS III and HMS IV generation.

4 XLR sockets of the PDB II.1 can be used to connect artificial heads as well as BEQ II and PEQ V devices, too.

Via the Speakon connector, the operation e.g. of a HEADlab system (*labPWR I.1* or *labPWR I.2*, *labCTRL I.2*, *labHMS*, etc.) is allowed.

A car battery which is directly connected to the PDB II.1 via cable lugs is used as source of supply.

In comparison to the PDB II.1, the variant PDB II.1-V1 is equipped with a LEMO connector. PDB II.1-V1 can be directly connected to the power supply unit from HEAD acoustics.

Technical Data

PDB II.1

Connectors	
Input:	Cable with cable lugs Red: positive power supply Black: negative power supply
Output:	4 x XLR sockets 4-pin Pin 1: negative power supply Pin 4: positive power supply 1 x Speakon 2-pin Pin1+: positive power supply Pin1-: negative power supply
Max. input voltage:	30 V
Max. input current:	40 A
Max. output current for each connector:	XLR: 6 A Speakon: 30 A

PDB II.1-V1

Connectors	
Input:	LEMO 2-pin, 1S 4 x XLR sockets 4-pin Pin 1: negative power supply Pin 4: positive power supply
Output:	1 x Speakon 2-pin Pin1+: positive power supply Pin1-: negative power supply
Max. input voltage:	30 V
Max. input current:	15 A
Max. output current for each connector:	XLR: 6 A Speakon: 30 A