

### SAFETY INFORMATION

1. Please read these instructions carefully.
2. Keep all information and instructions in a safe place.
3. Follow the instructions.
4. Observe all safety warnings. Never remove safety warnings or other information from the equipment.
5. Use the equipment only in the intended manner and for the intended purpose.
6. During installation, observe the applicable safety regulations for your country.
7. Never place sources of ignition, e.g., burning candles, on the equipment.
8. Do not use this equipment in the immediate vicinity of water (does not apply to special outdoor equipment - in this case, observe the special instructions noted below. Do not expose this equipment to flammable materials, fluids or gases).
9. Make certain that dripping or splashed water cannot enter the equipment. Do not place containers filled with liquids, such as vases or drinking vessels, on the equipment.
10. Make certain that objects cannot fall into the device.
11. Use this equipment only with the accessories recommended and intended by the manufacturer.
12. Do not open or modify this equipment.
13. After connecting the equipment, check all cables in order to prevent damage or accidents, e.g., due to tripping hazards.
14. During transport, make certain that the equipment cannot fall down and possibly cause property damage and personal injuries.
15. If your equipment is no longer functioning properly, if fluids or objects have gotten inside the equipment or if it has been damaged in another way, switch it off immediately and unplug it from the mains outlet (if it is a powered device). This equipment may only be repaired by authorized, qualified personnel.
16. Clean the equipment using a dry cloth.
17. Comply with all applicable disposal laws in your country. During disposal of packaging, please separate plastic and paper/cardboard.
18. Plastic bags must be kept out of reach of children.

### CAUTION - HIGH VOLUME LEVELS WITH AUDIO PRODUCTS!

This equipment is intended for professional use. Therefore, commercial use of this equipment is subject to the respectively applicable national accident prevention rules and regulations. As a manufacturer, Adam Hall is obligated to notify you formally about the existence of potential health risks. Hearing damage due to high volume and prolonged exposure: When in use, this product is capable of producing high sound-pressure levels (SPL) that can lead to irreversible hearing damage in performers, employees, and audience members. For this reason, avoid prolonged exposure to volumes in excess of 90 dB.



To prevent possible hearing damage, avoid listening at high volume levels over long periods of time. Even exposure to short bursts of loud noise can result in hearing loss. Please keep the volume constantly at a comfortable level.

### MANUFACTURER'S WARRANTY & LIMITATION OF LIABILITY

You can find our current warranty conditions and limitation of liability at: [https://cdn-shop.adamhall.com/media/pdf/Manufacturers-Declarations-LDSYSTEMS\\_DE\\_EN\\_ES\\_FR.pdf](https://cdn-shop.adamhall.com/media/pdf/Manufacturers-Declarations-LDSYSTEMS_DE_EN_ES_FR.pdf)

To request warranty service for a product, please contact Adam Hall GmbH, Adam-Hall-Str. 1, 61267 Neu-Anspach / Email [Info@adamhall.com](mailto:Info@adamhall.com) / 49 (0) 6081 / 9419-0

### PROPER DISPOSAL OF THIS PRODUCT (WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT)

(Valid in the European Union and other European countries with waste separation)  
This symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. This is to avoid environmental damage or personal injury due to uncontrolled waste disposal. Please dispose of this product separately from other waste and have it recycled to promote sustainable economic activity.

Household users should contact either the retailer where they purchased this product, or their local government office, for details on where and how they can recycle this item in an environmentally friendly manner. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

### CE CONFORMITY

Adam Hall GmbH hereby confirm that this product meets the following guidelines (where applicable):  
R&TTE (1999/5/EC) or RED (2014/53/EU) from June 2017 / Low-voltage directive (2014/35/EU)  
EMC Directive (2014/30/EU) / RoHS (2011/65/EU) / The full declaration of conformity can be found at [www.adamhall.com](http://www.adamhall.com). You can also request it via [info@adamhall.com](mailto:info@adamhall.com)

### CONNECTIONS, CONTROLS AND MOUNTING

The patchbay serves to make connections on the back of the LD Systems power amplifiers DSP44K and DSP45K freely accessible at the front of the rack in the event of rack installation. Install the patchbay in a suitable rack underneath the relevant power amplifier and connect the cables of the patchbay to the sockets of the power amplifier.

### CONNECTIONS

- 1 **ETHERNET**  
Ethernet interface for management and remote control of the power amplifier via computer.
- 2 **DANTE™ (LDDSP44KPB only)**  
Dante™ interface for the transmission of digital audio signals.
- 3 **IN CH-1 - CH-4**  
Line inputs 1 to 4 with female 3-pin XLR sockets.
- 4 **LINK CH-1 + CH-2**  
Link outputs for channels 1 and 2 (3-pin XLR, male).
- 5 **OUT CH-A/B & CH-C/D**  
Speakon speaker outputs.  
Socket assignment OUT CH-A/B: plus 1⊕ & minus 1⊖ = CH-A / plus 2⊕ & minus 2⊖ = CH-B  
Socket assignment OUT CH-C/D: plus 1⊕ & minus 1⊖ = CH-C / plus 2⊕ & minus 2⊖ = CH-D  
Socket assignment OUT CH A/B BRD: plus 1⊕ & minus 2⊖  
Socket assignment OUT CH C/D BRD: plus 1⊕ & minus 2⊖
- 6 **OUT CH-B & CH-D**  
Speakon speaker outputs. Pins 2⊕ and 2⊖ of sockets CH-A/B and CH-C/D are directly connected to pins 1⊕ and 1⊖ of sockets CH-B and CH-D.  
Socket assignment OUT CH-B and CH-D: plus 1⊕ & minus 1⊖

### SPECIFICATIONS

Product number:	LDDSP44KPB	LDDSP45KPB
Product type:	Patchbay for LDDSP44K	Patchbay for LDDSP45K
Construction type:	19", 1 U	19", 1 U
Connections:	Ethernet, Dante™, 4x Line In, 2x Link Out, 4x Speakon Out (all sockets by Neutrik)	Ethernet, 4x Line In, 2x Link Out, 4x Speakon Out (all sockets by Neutrik)
Material:	Steel	Steel
Material thickness:	1.5 mm	1.5 mm
Surface:	Powder coated	Powder coated
Colour:	Black	Black
Dimensions (W x H):	483 x 44.5 mm	483 x 44.5 mm
Weight:	1.5 kg	1.5 kg
Additional features:	All connections are fitted at the back with cables for direct link to the power amplifier (cable length approx. 50 cm)	All connections are fitted at the back with cables for direct link to the power amplifier (cable length approx. 50 cm)

