

## TECHNICAL INFORMATION

# PAN SPEAKER SERIES PINOUTS





## 1. Introduction

Thank you for choosing a product from Pan Acoustics.

This document describes how to connect Pan Speaker series products to existing power amplifiers.

Please read this document carefully prior to startup in order to guarantee fault-free operation.

### 1.1. Symbols and explanation

 <b>DANGER</b>	This symbol indicates a hazard with a high level of risk. If this hazard is not prevented, severe injuries or death may result.
 <b>WARNING</b>	This symbol indicates a hazard with a moderate level of risk. If this hazard is not prevented, moderate to severe injuries or death may result.
 <b>CAUTION</b>	This symbol indicates a hazard with a moderate level of risk. Failure to observe this instruction may lead to minor injuries or property damage.
 <b>NOTICE</b>	This symbol provides important instructions for proper handling of the product. Failure to observe this instruction may lead to damage to the product or malfunctions.

### 1.2. General information and target group

All specifications in this document are based on the product features available at the time of production and the safety rules applicable at that time.

This document describes how to connect the Pan Speaker series to suitable power amplifiers.

It is geared towards systems technicians and persons assigned the task of installing and operating the products. The installation is only allowed to be carried out by qualified personnel.

Pan Acoustics reserves the right to make changes and modifications without prior notice within the scope of statutory regulations and product improvements. This document and all additional information required for operation must be read prior to use by all persons involved in commissioning.

The document and all additional information required must be kept within reach, near the device.

All necessary information and documents can be obtained from the Pan Acoustics website, [www.pan-acoustics.de](http://www.pan-acoustics.de), or per email from [contact@pan-acoustics.de](mailto:contact@pan-acoustics.de).

## 2. Cabling

### **WARNING**

In order to prevent electrical shock,

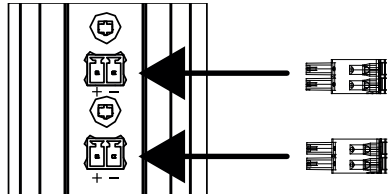
- the product is not allowed to be connected to the mains supply.
- the product is only allowed to be used with an intact connection cable.
- never pull the cable.
- objects are not allowed to be placed on top of the connection cables.
- the connection cables are to be installed so that they are protected from damage due to foot traffic, pinching and tensile load.
- it must not be possible to touch the connections during operation.
- always insert stripped cable ends completely into the openings of the terminal connection so that bare wires cannot be touched.
- on speakers with multi-pin connection, carefully screw the stripped cable ends into the plug connectors.
- on speakers with five-pin connector cables, only use the leads (-) and those providing the desired power tap  $P = 100\%$ ,  $P = 50\%$ ,  $P = 25\%$ ,  $P = 12.5\%$ . Unused leads must be properly protected (shrink tubing) against touching or short circuit.

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# PAN SPEAKER SERIES CONNECTOR PINOUT

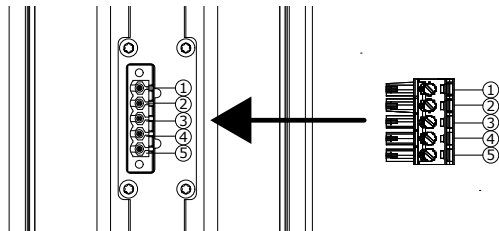
## 2.1. Pi version (low impedance) / 100 V

The Pi version is equipped with a two-pin / five-pin connector panel.



The two-pin connectors are switched in parallel for connecting additional speakers on the line.

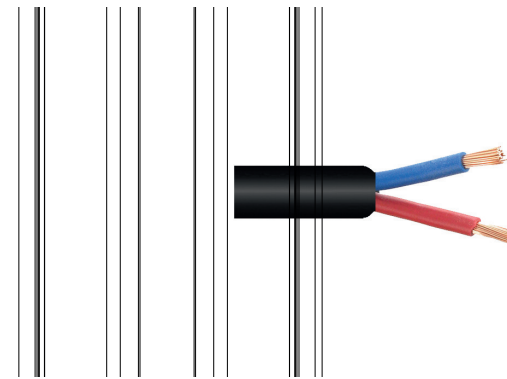
Note:  
The P 01-Pi has one two-pin connector.



Pin no.	Assignment (low impedance)	Pin no.	Assignment (100 V)
1	+	1	P = 100%
2	-	2	P = 50%
3	+	3	P = 25%
4	-	4	P = 12.5%
5	n. c.	5	100 V -

## 2.3. IP 54 version (low impedance)

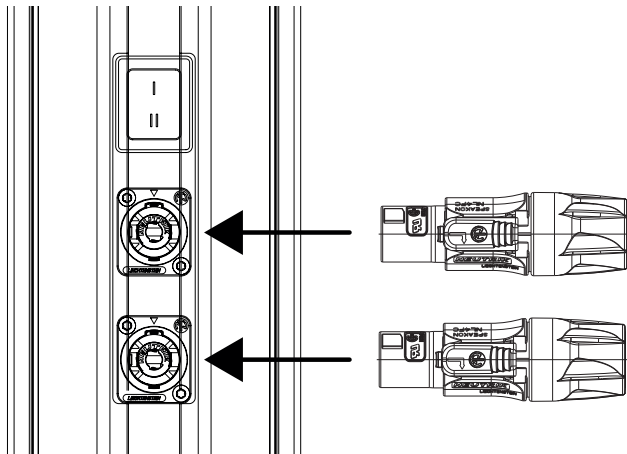
IP 54 version with fixed connection cable



Color	Assignment
blue	-
red	+

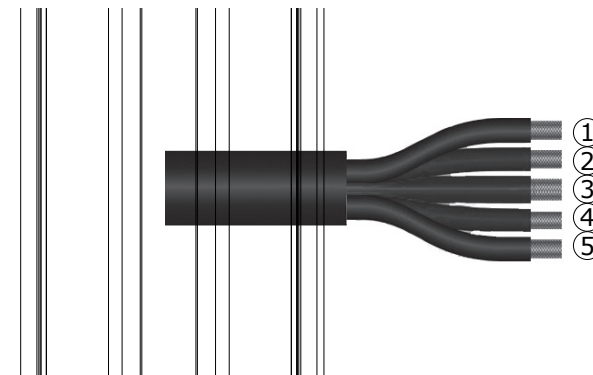
## 2.2. R version (Speakon NL4)

The R version is equipped with a Speakon NL 4 connector and a switch. The switch enables a signal tap toggle between the leads 1 +/- or 2 +/-.



## 2.4. IP 54 version / 100 V

IP 54 version / 100 V with fixed connection cable



Pin no.	Assignment (100 V)
1	P = 100%
2	P = 50%
3	P = 25%
4	P = 12.5%
5	100 V -