



USER MANUAL

## QUICKSTART MANUAL PAN SPEAKER P 08-EN 54

Thank you for buying a Pan Acoustics product. The passive column-loudspeakers from the Pan Speaker® series with EN 54-24 Certificate (typ B), are passive 100V column-loudspeakers in an aluminium housing for use in voice evacuation systems inclusive optical indication for the available pilot tone signaling.

The Pan Speaker series offers, next to the EN 54-24 loudspeakers, a wide range of products for acoustically challenging environments, classical AV-installation, theatre and outdoor situations. The series are completed by a specifically tuned low frequency woofer. All loudspeakers of the Pan Speaker series are of course optimised for a natural speech- and music distribution.

The purchased Pan Speaker EN 54 system consists of the following components:

- 1 x Pan Speaker P 08-EN 54**
- 1 x Quickstart manual**
- 1 x Sealingplate (including 2 x cable gland, 1 x blind plug)**

Please check the goods carefully for transport damage. If necessary, immediately inform the carrier and the shipper of the goods. Check whether all components, associated with the device, are in the packaging. Please immediately contact your seller for missing parts.

Please carefully read this manual before starting up the system, to assure an interference free operation. The manual is to be kept accordingly.

You can download the latest user's manual from our web site, [www.pan-acoustics.de/en/manuals.html](http://www.pan-acoustics.de/en/manuals.html) If downloading is not possible, please contact Pan Acoustics directly.

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Please scan the QR code to download the manual

### Installation and connection

For the installation of the EN 54 Pan Speakers on walls and ceilings we offer a wide assortment of accessories of different mounts.

The installation and commissioning of speakers only must be performed by qualified personnel. It is to ensure that the selected bracket meets the requirements on wall and ceiling structure and operational requirements.

National safety regulations for the operation and assembly are to be followed.

**For detailed instructions for the installation and connection of the speakers, see the user's manual.**



## SECURITY CONDITIONS

The following safety instructions are to be read fully and carefully before operating the device and to be kept in the vicinity of the appliance. Reading the manual is not replacing the knowledge and compliance with all local safety regulations and rules. The information and technical specifications published in this document are based on data available at the time of publication. We reserve the right to change the applicable product improvement and adaptation to new standards to the product.

### Symbols and explanation

#### DANGER

The symbol indicates a hazard with a high degree of risk. If this hazard is not avoided, serious injury or death may be the result.

#### WARNING

The symbol indicates a hazard with a moderate risk. If this danger is not avoided, injury or death of the sequence can be medium to heavy.

#### CAUTION

The symbol indicates a hazard with a low level of risk. Disregard this notice slight injury might cause damage to the property.

#### DANGER

To avoid injury, electric shock and fire, it is to ensure that all those are involved in the installation, operation or dismantling, installation of the device / system, have read this manual.

#### WARNING

To avoid injury by falling,

- this device is, according to the assembly instructions, to be friction-locked, with suitable fasteners to the building.
- the underground (wall) is to be checked for mounting capability and installed and levelled professionally by using the from Pan Acoustics supplied mounts and components or those explicitly mentioned in this manual.
- the key-elements and compounds are to be checked regularly for wear and loosening.

To minimize the risk of fire or electrical hazard,

- it is not allowed to open the product as it does not contain parts that can be serviced by the user.
- the product should not be exposed to moisture and humidity.
- no objects filled with liquids (e.g. bottles) are to be placed on the equipment.
- the system should not be exposed to excessive heat, sunshine or fire.
- no naked flames (e.g. candles) are to be used in the vicinity of the device.

To prevent injury, this product must be put out of operation and be secured against accidental operation when the product

- has visible damage.
- includes loose parts.
- is no longer working correctly.
- was stored for a longer period under unfavourable conditions (e.g. in humid rooms).
- is exposed to bad transport (e.g. with an unsuitable packaging).

To avoid injuries as hearing damage due to high volumes, individuals should

- never stay directly in front of a connected speaker.
- not expose to a significant period of high volume levels.

#### CAUTION

To prevent damage to the product, it is important to avoid

- generating acoustic feedback.
- to reproduce distorted signals at a high level over a long time.
- to generate impulse noises (e.g. pops) that arise when a source device of the system is turned on, connected or disconnected.
- to operate the device in high humidity environments.

**MADE IN GERMANY** - All products are designed, developed and manufactured by Pan Acoustics in Germany.

Pan Acoustics reserves the right to change product specifications without prior notice.

[www.pan-acoustics.de](http://www.pan-acoustics.de)

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