

# Speaker - Line Array (speakON®)



## General operating and safety instructions



Rev. 09022023

**Product designation:** Cordial SPEAKER – LINE ARRAY ready made  
**Product name:** ("\_"= Product length)

CLA\_LL 4 / CLA\_LL 44

### Warning notice

#### ATTENTION

Such notes represent warnings regarding imminent dangers or dangerous situations. Non-observance can lead to damages to property as well as to minor, moderate or severe injuries or even death.

### 1. General remarks

The statements and specifications made in this information sheet apply exclusively to the products or devices listed above. In addition to these "General operating and safety instructions", further instructions for specific product components may be included in the scope of delivery. These must also be observed in their entirety.

Moreover, in addition to the statements made in this information sheet, the corresponding national legal regulations and provisions of the respective country in which the product/device will be used must also be observed. These include, for example, accident prevention regulations, occupational health and safety regulations or regulations regarding environmental protection.

### 2. Target groups

#### Qualified electricians:

The disassembly, assembly, maintenance and servicing of the respective product or device may only be carried out by a qualified electrician who can provide evidence of his/her relevant qualification (unless otherwise stated).

The following requirements must be met and observed by the qualified electrician:

- Observance of the operating instructions in all its particulars
- Exclusive use of the product or device as intended
- Knowledge and application of all relevant electrotechnical regulations
- Knowledge and application of the general and specific regulations regarding safety and accident prevention
- Competence to anticipate risks and avoid possible hazards
- Obligation to surrender the relevant operating instructions to the operator or user of the product/device

#### Operator respectively user:

The product/device can be used or operated by persons who have been instructed in electrical engineering (and possibly in some circumstances by electrical engineering laypersons).

The operator/user of the product/device is obliged to ensure that it is used as intended and to fulfill and observe the following requirements:

- Observance of the operating instructions in all points
- Intended use of the product or device
- Instruction of all persons who may use the product or device
- Competence to recognize risks proactively and to avoid possible hazards

### 3. General safety information

This information sheet must be read carefully before using the product or device and must be observed in full at all times. If damage or defects occur due to non-observance of these instructions, any liability shall cease to apply. This information sheet must be kept available with the product or device and passed on to the subsequent operator/user. Certain (specified) activities in connection with the use of the product/device must solely and exclusively be carried out by a qualified electrician.

### 4. Intended use

The products or devices are intended to provide acoustic signals for sound reinforcement at a distance. It is important that the specifications and requirements of the electric consumers to be operated are met and that they correspond to the specifications and requirements of the devices in question.

-> See **technical data** for the respective product/device.

Any other use or use extending beyond this is considered improper and is considered a misuse/misusage of the product/device. CORDIAL GmbH is not liable for any damage resulting from any of the aforementioned.

### 5. Improper use/foreseeable misuse/misusage

- Operating parameters that do not comply with the technical specifications (technical data).
- Operation of the products or devices in explosive environments/atmospheres.
- Use of the products or devices in areas subject to vibrations.

### 6. Initial start-up

After its manufacture, the product or device is subjected to an electrical safety check. In isolated cases, however, damage may happen during transport. We therefore ask you to subject the product or device to a careful visual inspection to check for any defects immediately after receipt of the merchandise.

Please pay particular attention to damages or cracks on the connector housing and damage to the cable insulation. Also thoroughly check the strain relief of the connectors for tightness. Should you detect any damage, please contact us using the specified contact details (see footer). If no damage is found, carry on by following the instructions as specified under paragraph 6.

### 7. Commissioning and operation

In principle, the product/device may also be operated by electrical laypersons (with the exception of children) who are not qualified electricians according to DIN VDE 1000-10:2021-06 \*, as long as compliance with its intended use and operation is ensured. Before commissioning, it is imperative to check both the electrical consumers to be operated and the feeding source for their electrical safety. Please refer to the corresponding operating instructions of these products/devices regarding the process and scope of these tests. The tests must be carried out by a qualified electrician.

\* Please observe the stipulated standards, legal regulations and provisions of the respective country in which the product/device will be used..

## 8. Commissioning and operation

### ATTENTION

At least one visual inspection must be carried out and special attention must be paid to ensure that the feeding source (e.g. amplifier) is fused in accordance with the relevant regulations. The inspection must be performed by a qualified electrician who meets the criteria postulated in point 2. Also pay particular attention to the question whether the use of the product/device in the given system is possible at all, while still complying with the applicable standards and directives.

Furthermore, it must be ensured that all specifications and requirements of any components listed under point 4 as well as in the technical data information correspond/match, respectively that they are suited for the specified common operational environment and that, thus, the function of a common operation is guaranteed.

### ATTENTION speakON®

Speaker cables, also known as speakON® is NOT to be used as an AC mains or power supply !

Make sure that the following products are not plugged in under load and voltage (hot plug).

**CLA \_ LL 4, CLA \_ LL 44**

First switch off the device to be operated and only switch it on again after connecting the device correctly and safely.

Should any damage occur to the product/device during use (e.g. due to mechanical impact), it must be remedied immediately. If necessary, the product/device must be taken out of operation by a qualified electrician.

### DANGER

Risk of injury due to a damaged product/device.  
There is a risk of serious injury or death.

- Do not use the product/device if it shows any signs of external damage.
- Mark the damaged product/device so that it will not be used by other persons.
- Have any damages repaired immediately by a qualified electrician.
- If necessary, have the product/device taken out of operation by a qualified electrician.

## 9. How to avoid potential damage

Avoidance of damage to the speaker cable and device:

- The speaker cables are to be laid in such a way that treading on them can be ruled out.
- Pinching and kinking of cables must be prevented (this applies in particular to the point of connection of the amplifier and the loudspeaker unit).
- Speaker cables must neither be jerked, knotted, kinked nor otherwise misused.
- Speaker cords must not be exposed to heat sources.
- Keep children and pets away from speaker cords and prevent speaker cords from being bitten or chewed on.
- When disconnecting the cord from the outlet or cable plug, only pull on the plug, never on the cord.

## 10. Limitation of liability

Detailed information on warranty, exclusions and restrictions you can find on: <https://www.cordial-cables.com/de/footer/agb>

## 11. Maintenance

Before carrying out any maintenance work, it is crucial to ensure that the product/device has been disconnected from the power supply. The product/device should undergo a thorough visual inspection at regular intervals (definitely before each use).

In particular, check for damage to the connector housing and the cable insulation.

It is also recommended that - depending on the scope of the inspection - a qualified electrician or a person instructed in electrical engineering should check the product/device annually. The responsibility for this check lies with the company carrying out the work or the qualified electrician. As a minimum requirement the following test routines should be observed:

- the visual inspection
- measurement of the insulation resistance
- the locking system

In case of harsh or mechanically straining ambient conditions during product use, checks at shorter intervals are recommended. In addition, always comply with national standards and regulations regarding checking and testing intervals.

## 12. Storage of the product or device

To ensure proper storage and to allow the ensuing trouble-free operation of the product/device, the following points must be observed:

- Clean the product or device before storage.
- Store the product or device in a dry and temperature-controlled room, whose storage temperature should not be below -10°C and not above +45°C.

## 13. Disposal of the product or device



The crossed-out trash can on the product indicates that this product must not be disposed of together with customary household waste. According to the European Directive 2012/19/EC on waste electrical and electronic equipment, used electrical equipment (according to ElektroG also so-called "passive equipment" such as cables) must be collected separately and recycled in an environmentally friendly manner\*.

At the end of service life, the product or device must be deactivated and, if necessary, disassembled and properly disposed of.

Disposal options for the decommissioned device can be obtained from retailers (when purchasing a new device) as well as from the local community or city administrations.

\* Please comply with the laws, guidelines and regulations of the respective country in which the product/device is used.

Cordial GmbH hereby declares that the listed products comply with the following guidelines:



The corresponding declarations of conformity are available for download at: <https://www.cordial-cables.com/de/services>