

# C6

Self-powered  
PA Column System

USER MANUAL **EN**



**s**)))**e**<sup>®</sup>  
AUDIOTECHNIK

C-Line

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**Please read this user manual carefully, so you can make optimum and troublefree use of your product. Keep this document in a safe place and follow its instructions diligently.**



**When in use, this product is capable of producing high Sound Pressure Levels (SPL) that can lead to irreversible hearing damage to anyone.**

Noise level (dBA)	85	94	97	112	127
Max. recommended exposure time per 24 hours	8 hrs.	1 hr.	30 min.	56 sec.	1 sec.

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## Symbol description

Throughout this document you will come across several symbols, which indicate various types of information. You can find each symbol and its meaning in the list below.



**重要信息**  
特别注意



**Advice**  
Helpful tips and recommendations.



**Hearing damage**  
Possible hearing damage or even loss.



**Prohibition**  
An interdiction, which you must follow.



**Confirmation**  
This is okay.

Especially on the product itself you may see different types of labels. Here you can look up their meanings.



Risk of electric shock.



Important operating or maintenance instructions.



Earth/ground connection.



The equipment is for indoor use only.



Compliance with the low voltage and electromagnetic compatibility.



You should not place the item in the general waste. Waste Electrical and Electronic Equipment Directive (WEEE Directive).

## Safety instructions



This unit has been engineered and manufactured to ensure your personal safety.

### CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

### IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD.

Read the following precautions carefully and stick to them in order to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, fire or other hazards.

These precautions include, but are not limited to, the following items:

## Electricity

**01.** The power cord of the device is equipped with an earthing contact, it must be connected to an outlet with a protective ground. Never disconnect the protective ground of the power cord.

**02.** Always unwind cable reels completely to prevent overheating or even fire hazards.

**03.** Do not expose this equipment to rain or moisture, dripping or splashing liquids.

**04.** Objects filled with liquids, such as vases, should not be placed on this apparatus.

**05.** To reduce the risk of electric shock, do not attempt to open or modify any part of the unit. No user-serviceable parts inside. Leave servicing to qualified personnel only.

**06.** Always disconnect the equipment from the power outlet, if there is risk of a lightning strike, or it's not being used for longer periods of time.

**07.** To completely disconnect this equipment from the AC mains, pull the power cord plug from the AC outlet.

**08.** If your equipment has been damaged and is no longer functioning properly, switch it off immediately and unplug it from the mains outlet.

**09.** Do not step on the power cord. Make sure that the power cable does not become kinked.

**10.** Never touch the power cord and power adapter with wet hands.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC/IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

ce matériel est conforme aux limites de dose d'exposition aux rayonnements, FCC / CNR-102 énoncée dans un autre environnement. cette equipment devrait être installé et exploité avec distance minimale de 20 entre le radiateur et votre corps.



**Read these safety instructions carefully.**

## General

- 01.** Please notice all the safety warnings. Never remove safety warnings or other information from the equipment.
- 02.** Use the equipment only in the intended manner and for the intended purpose.
- 03.** Use this equipment only with the accessories recommended and intended by the manufacturer.
- 04.** C6 and C6 SE are equipped with a powerCON® mains connector, which is locked by rotating it inside of the socket. This also means that a person can trip over the fixed power cord, which can lead to personal injuries and/or other damage. For this reason, always be careful when laying cables.
- 05.** Clean the equipment using a dry cloth.
- 06.** Beware to comply with all applicable disposal laws in your country. During disposal of packaging, please separate plastic and paper/cardboard.
- 07.** Plastic bags must be kept out of children's reach.
- 08.** Never place inflammable items, e.g. burning candles on the equipment.
- 09.** Do not expose this equipment to flammable materials, fluids or gases.
- 10.** During operation or transport, make sure that the equipment cannot fall down and possibly cause property damage or personal injuries.

## Setup & operation

- 01.** If the equipment has been exposed to strong fluctuations in temperature (for example, after transport), do not switch it on immediately. Moisture and condensation could damage the equipment.
- 02.** This product is NOT intended to be suspended on chains or ropes.
- 03.** Do NOT use handles or other methods to suspend the system, serious injuries can be the result! Make sure that the equipment is installed securely and cannot fall down.
- 04.** During installation, observe the applicable safety regulations for your country.
- 05.** Never install or operate the equipment near radiators, heat registers, ovens or other sources of heat. Make sure that the equipment is always installed so that it is cooled sufficiently and cannot overheat.
- 06.** Do not cover the metal panel at the rear side of the subwoofer, as it serves as a heat sink for the system amplifier. Keep a minimum distance of 50 cm to any other object for proper airflow.



## Read these safety instructions carefully.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

### Notice!

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

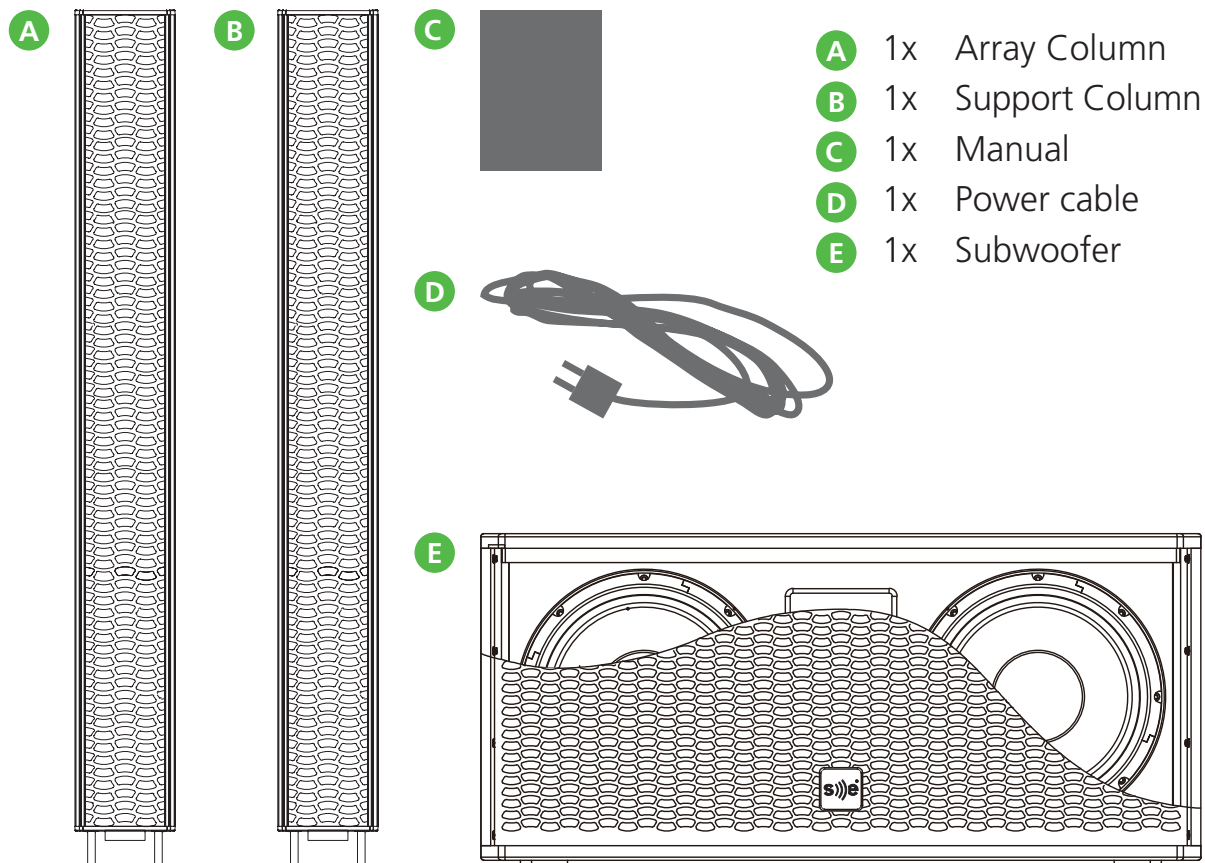
- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

## Product overview

### Package contents



### Unboxing



**Please inspect your C6 packaging for any damage that may have occurred during transport. If damage is found, notify the transportation company immediately.**

If you decide to keep the product though it's packaging got damaged upon transit, please check for any visual damage before using it. Keep the shipping carton as evidence for inspection. Contact your SE Audiotechnik dealer or support center for help.



**Save all packaging materials and full package contents if you ever need to transport or resell the system.**

## Intended use

Professional plug and play PA system for indoor use with modular structure and versatile connectivity. Suitable for medium sized venues with a few hundreds of listeners, providing direct control via the built-in mixer.

## Main features

### 8x 3.5" Midrange speakers

### 2x 0.5" Compression drivers

Incl. coaxially mounted waveguide on two of the 3.5" speakers

### Multi-pin connectors

Quick and easy setup w/o any additional wiring

### Built-in mixer

Six different line inputs and two line outputs with dedicated level adjustment.

### Class-D amplification with 48kHz/24-bit DSP

LF 800/1200 W (RMS/peak)

MF 2x 300/450 W (RMS/peak)

HF 70/120 W (RMS/peak)

### 2x 10" Subwoofers

Symmetric bass reflex

