



CX 5

active full-range  
speaker

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# Table of contents

<b>1</b>	<b>General information</b> .....	<b>4</b>
	1.1 Further information.....	5
	1.2 Notational conventions.....	6
	1.3 Symbols and signal words.....	6
<b>2</b>	<b>Safety instructions</b> .....	<b>8</b>
<b>3</b>	<b>Features</b> .....	<b>12</b>
<b>4</b>	<b>Notes on use</b> .....	<b>13</b>
<b>5</b>	<b>Connections and operating elements</b> .....	<b>14</b>
<b>6</b>	<b>Technical specifications</b> .....	<b>20</b>
<b>7</b>	<b>Protecting the environment</b> .....	<b>21</b>

# 1 General information

This manual contains important instructions for the safe operation of the unit. Read and follow the safety instructions and all other instructions. Keep the manual for future reference. Make sure that it is available to all those using the device. If you sell the unit please make sure that the buyer also receives this manual.

Our products are subject to a process of continuous development. Thus, they are subject to change.

## 1.1 Further information

On our website ([www.thomann.de](http://www.thomann.de)) you will find lots of further information and details on the following points:

Download	This manual is also available as PDF file for you to download.
Keyword search	Use the search function in the electronic version to find the topics of interest for you quickly.
Online guides	Our online guides provide detailed information on technical basics and terms.
Personal consultation	For personal consultation please contact our technical hotline.
Service	If you have any problems with the device the customer service will gladly assist you.

## 1.2 Notational conventions

This manual uses the following notational conventions:

### Letterings

The letterings for connectors and controls are marked by square brackets and italics.

**Examples:** *[VOLUME]* control, *[Mono]* button.

## 1.3 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this manual.

Signal word	Meaning
<b>DANGER!</b>	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
<b>CAUTION!</b>	This combination of symbol and signal word indicates a possible dangerous situation that can result in minor injury if it is not avoided.
<b>NOTICE!</b>	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.
Warning signs	Type of danger
	Warning – high-voltage.
	Warning – danger zone.

## 2 Safety instructions

### Intended use

This device is intended to be used in a sound reinforcement system. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

### Safety



#### **DANGER!**

#### **Danger for children**

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.





**DANGER!**

**Electric shock caused by high voltages inside**

Within the device there are areas where high voltages may be present. Never remove any covers.

There are no user-serviceable parts inside.



**DANGER!**

**Electric shock caused by short-circuit**

Always use proper ready-made insulated mains cabling (power cord) with a protective contact plug. Do not modify the mains cable or the plug. Failure to do so could result in electric shock/death or fire. If in doubt, seek advice from a registered electrician.



### **CAUTION!**

#### **Possible hearing damage**

The device can produce volume levels that may cause temporary or permanent hearing impairment. Over an extended period of time, even levels that seem to be uncritical can cause hearing damage.

Decrease the volume level immediately if you experience ringing in your ears or hearing impairment. If this is not possible, keep a greater distance or use sufficient ear protectors.



### **NOTICE!**

#### **Risk of fire**

Do not cover the device nor any ventilation slots. Do not place the device near any direct heat source. Keep the device away from naked flames.



**NOTICE!**

**Operating conditions**

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.



**NOTICE!**

**Power supply**

Before connecting the device, ensure that the input voltage (AC outlet) matches the voltage rating of the device and that the AC outlet is protected by a residual current circuit breaker. Failure to do so could result in damage to the device and possibly injure the user.

Unplug the device before electrical storms occur and when it is unused for long periods of time to reduce the risk of electric shock or fire.

### 3 Features

- coaxial 5.25" driver
- built-in 120 watt RMS Class-D power amp
- 3-channel mixer with 2 × MIC/Line inputs and 1 × RCA and mini jack input
- additional Line-in on the rear panel
- 3-band EQ
- Direct-out on the rear panel
- Frequency range 70 Hz – 20 kHz
- Auto shut-off without signal (deactivatable)
- can be mounted on microphone stands via 3/8" tripod bracket

## 4 Notes on use

Unpack and carefully check that there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the device against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

Handle the device with care.

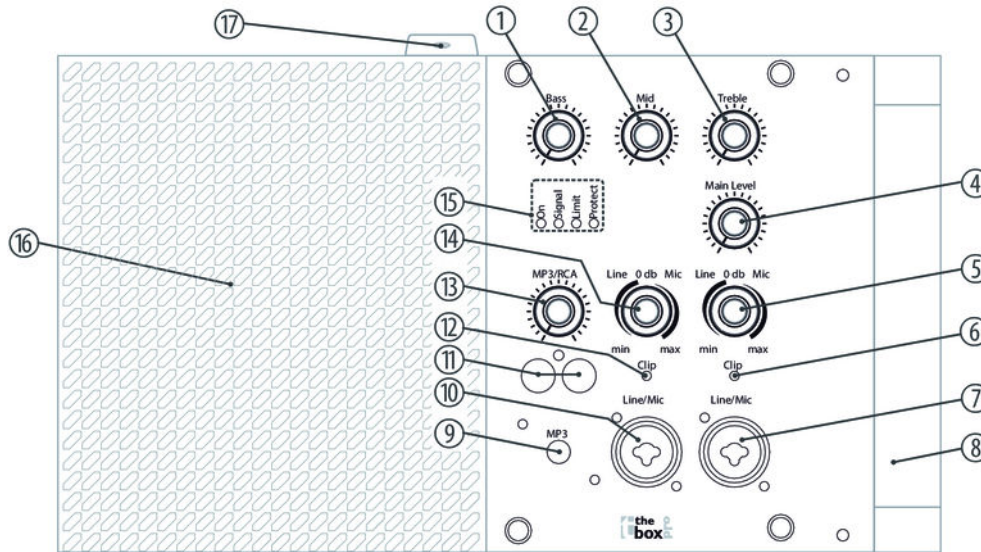
Do not try to disassemble or repair the device yourself if it should not work.

Set the unit's volume to minimum before plugging or unplugging a cable. This prevents loud noises.

Do not use solvents such as alcohol to clean the device.

## 5 Connections and operating elements

### Front panel



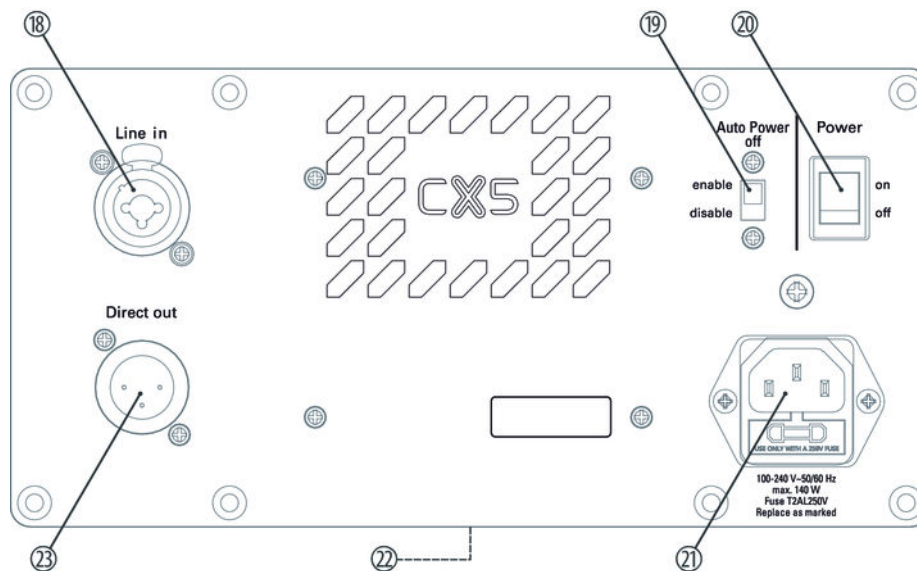
1	<i>[Bass]</i> Bass control.
2	<i>[Mid]</i> Mids control.
3	<i>[Treble]</i> Treble control.
4	<i>[Main Level]</i> Overall volume control.
5	<i>[Line   0 dB   Mic]</i> Gain control for the second Line/Mic input. Turning clockwise increases the input gain for connecting microphones. Turning counterclockwise decreases the input gain for connecting instruments or devices with line level outputs.
6	<i>[Clip]</i> LED to indicate overload in the channel. If the LED is lit frequently, turn the gain control on this channel slightly back.

7	<i>[Line/Mic]</i> XLR / 1/4" combo socket to connect microphones, instruments or devices with line level output.
8	Handle to carry or position the device.
9	<i>[MP3]</i> 3.5 mm phone socket for connecting line level devices such as MP3 or CD players. Stereo signals are combined.
10	<i>[Line/Mic]</i> XLR / 1/4" combo socket to connect microphones, instruments or devices with line level output.
11	RCA sockets for connecting line level devices such as MP3 or CD players. Stereo signals are combined.
12	<i>[Clip]</i> LED to indicate overload in the channel. If the LED is lit frequently, turn the gain control on this channel slightly back.
13	<i>[MP3/RCA]</i> Volume control for the MP3/RCA inputs.
14	<i>[Line   0 dB   Mic]</i> Gain control for the first Line/Mic input. Turning clockwise increases the input gain for connecting microphones. Turning counterclockwise decreases the input gain for connecting instruments or devices with line level outputs.



15	<p><i>[On   Signal   Limit   Protect]</i></p> <p>The <i>[On]</i> LED lights when the device is turned on.</p> <p>The <i>[Signal]</i> LED lights up when a signal is present at at least one input and that input's gain or volume controller is turned up sufficiently far to reproduce the signals.</p> <p>The <i>[Limit]</i> LED lights up when the circuit to limit the overall signal is activated. This is to protect the device against overload. In this case, reduce the overall volume.</p> <p>The <i>[Protect]</i> LED lights up when the internal protection circuit intervenes and prevents further operation. Then turn the device off and wait a minute before you turn it back on again.</p>
16	<p>Speaker.</p>
17	<p>3/8" thread for mounting a microphone.</p>

## Rear panel



18	<i>[Line in]</i> XLR / 1/4" combo socket as additional Line in to feed in a monitor mix e. g.
19	<i>[Auto Power off]</i> When this switch is in the <i>[Enable]</i> position, the device will turn off after approx. 30 minutes without input signal. To turn it then back on again, switch the <i>[Power]</i> button off and on again.
20	<i>[Power]</i> Switches the device on and off.
21	IEC chassis plug with fuse holder for the power supply. To replace the fuse, carefully take out the fuse holder with a small screwdriver, replace the defective fuse with a new one of the same type and push the fuse holder back in until it snaps into place.
22	Housing recess for the included tripod peg, which has previously been screwed onto a tripod, allows the device to be placed in three different vertical angles.
23	<i>[Direct out]</i> The signal from the <i>[Line in]</i> input is looped through this XLR chassis plug, e. g. to be sent to other devices.

## 6 Technical specifications

Operating supply voltage	AC 100 – 240 V~, 50/60 Hz
Fuse	5 mm × 20 mm, 2 A, 250 V, slow-blow
Speaker	coaxial 5.25" driver
Frequency response	70 – 20.000 Hz
Amp	Class-D, 120 watt RMS
Sound pressure level	90 dB / 1 W / 1 m
Bass, mid, treble control	± 8 dB
Dimensions (W × H × D)	323 mm × 180 mm × 205 mm
Weight	approx. 3.5 kg

## 7 Protecting the environment

### Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

### Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE). Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.





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