



Manual

# **Speaker SM5A**

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## 1. Safety instructions



- This Device is suitable for indoor use only.
- All modifications will void the warranty.
- Repairs have to be carried out by skilled personnel only.
- Only use fuses of the same type and original parts as spare parts.
- Protect the Unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

### 1.1. Instructions for a safe and efficient operation

**Please read careful through this manual before the first start-up.**

All persons which are entrusted with installation, start-up, operation, maintenance and repair of this device have to:

- Show a corresponding competence.
- Follow the lines of this manual.
- Face this manual as part of the product.
- Keep this manual over the lifetime of the product.
- Pass this manual to new owners of the device.

#### **Be careful with heat and extreme temperature**

Only use the device in a place where no extreme temperatures will occur.

Do not keep it in a temperature bellow 32°F (0°C), or exceeding 104°F (40°C).

Avoid exposing it to direct rays of the sun or near a heating appliance.

You have to attend that with an ambient temperature von 40°C it is not allowed that the relative humidity exceeds 50%.

#### **Keep away from humidity, water and dust**

Do not place it in a location with high humidity or lots of dust.

Containers with liquid should not be placed on or near the device.

#### **Avoid placing it on un-stable location**

Select a level and stable location to avoid vibration.

#### **Do not use chemicals or volatile liquids for cleaning**

Use a clean dry cloth to wipe off the dust. Metall Parts can be cleaned with a wet soft cloth for stubborn dirt. Before cleaning the device make sure you disconnect the powerplug.

#### **If out of work, contact sales agency soon**

If any troubles occurs, remove the power plug immediately, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result in a danger of electric shock.

#### **Take care with the power cable**

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug itself.

Make sure that it isn't possible to squeeze or damage the power cable with sharp edges. Assure yourself with regular checks that there are no damages to the power cable or the device itself.

When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

**IMPORTANT:**

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

## 1.2. Further safety instructions

**IMPORTANT!**

**Handle with the dangerous electric voltages carefully.  
With this voltage there is the danger to get a life-threatening electric shock.**

After taken the device from a cold room to a warm room, it is not allowed to activate the device. It is possible that thereby emerged condensed water damages the device. Do not activate the device until it reached ambient temperature.

Make sure that the voltage which it is connected to does not exceed the specified values.

Don't switch the device in short time intervals (e.g. in second cycle) on or off.

Keep away children and laymen off the device.

**Health risk!**

**Don't look directly into the light source. At certain circumstances it is possible that some people get epileptic seizures. This is especially true for individuals whose epilepsy was determined by a doctor.**

## 1.3. Designated use

This device was developed for professional use on stages, in discos, theatres etc. The device is only approved for a connection up to 230V 50/60 Hz AC voltage.

Regular breaks during operation increase the lifetime of your device.

Avoid vibrations or any form of forceful impact during the installation, the start-up or Operation of the device.

Make sure that the device is not exposed excessive heat, humidity or dust at the place of installation.

Take care that no cables are lying around. You would endanger your own safety and also the safety of a third party.

It is not allowed to operate or store the device in an environment in which spray water, rain, humidity or fog is expected. Humidity or very high atmospheric humidity could reduce the isolation of the device and could cause deathly electric shocks. If you use fog devices the device may not be exposed to a direct smoke jet. There has to be a safety distance of at least 0.5m between this device and the fog machine. Make sure that the saturation of the fog has to enable a visibility of at least 10m.

Do not operate the device during thunderstorms. Surge voltages could destroy the device. Unplug the device from the power supply during thunderstorms.

Surrounding objects or surfaces should not be in contact with the device.

The device has to be protected by a suitable safety cord.



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Make yourself familiar with the functions of the device before start-up. People without the experience should not handle the device. The most cause of functional disorder is inappropriate handling.

Use the original packing or designated accessory for transport to avoid damages.

**For reasons of safety unauthorized changes are forbidden.**

A usage of the device which differs from usages which are described in this manual can cause damages of the device. In that case the warranty expires. Additional you should notice that every differed usage is related with dangers and can cause e.g. an electrical short, fire, electric shock or crash.

## 2. Introduction


Thank you for buying the SM5A. It is a powerful device.

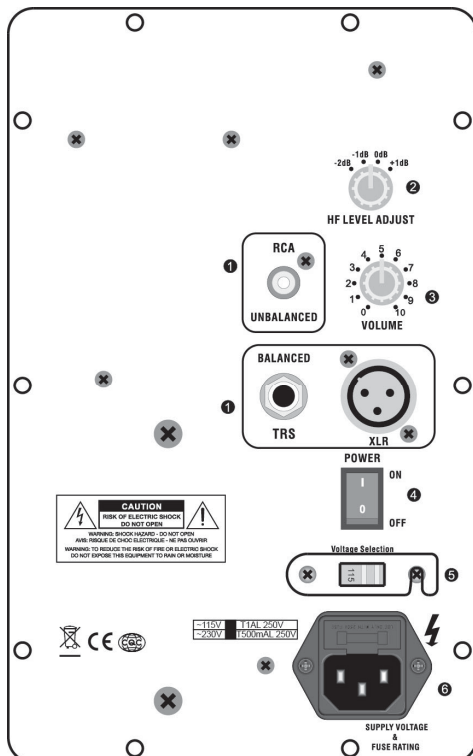
For a successful installation and operation, please read this manual carefully.

## 3. Connections

### 3.1. Electrical connections

If you wish to change the power supply settings, see the chapter Appendix. Connect the fixture to the mains with the enclosed power cable and plug. The earth has to be connected.

Cable (EU)	Cable (US)	Pin	International
Brown	Black	Live	L
Light blue	White	Neutral	N
Yellow/Green	Green	Earth	



- 1 You are able to connect the Top via RCA (unbalanced), Jack or XLR (balanced) to the signal
- 6 Connect the IEC Plug for the Power supply here

## 4. Control

- 2 Control the Level of the High Frequencies
- 3 Control the Volume of the Speaker
- 4 Power on the Speaker
- 5 Change the Voltage

## 5. Technical data

Tweeter	1" Neodym Soft Dome
Woofers	5" Composite
Frequency Response	53 Hz – 20 kHz (+- 2 dB)
Power	Tweeter: 15 W Woofers: 30 W
Input	balanced: XLR / 6,3mm Klinke; 20 kOhm unbalanced: RCA; 10 kOhm
HF Level	-2dB / -1dB / 0dB / +1dB
Dimensions	230 x 190 x 295 mm
Weight	6 kg

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