

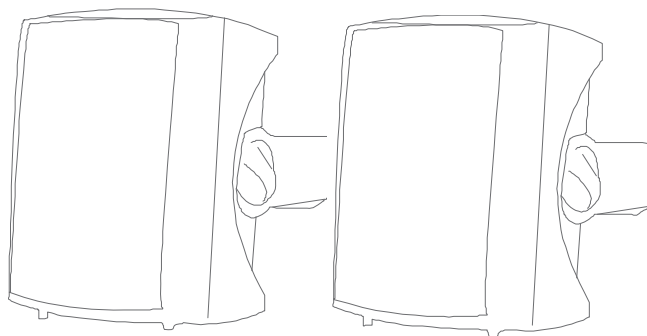
Active Speaker System  
LX503 MKII

AUDAC

PROFESSIONAL AUDIO EQUIPMENT

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LX503 MKII Active Speaker System



# User Manual & Installation Guide

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## Introduction

*This section briefly describes the possibilities of the LX503 MKII Active Speaker System.*

**T**he LX503 MKII is a speaker set consisting of one active and one passive speaker, to be linked together. This offers a powerful, easy and flexible solution for a wide solution for a wide variation of indoor applications.

Key features:

- 3-Way speaker system
- One Passive and one active speaker
- Two band tone control (Bass & Treble)
- RCA/Cinch & 3.5mm Jack unbalanced input connection
- 3-pin Euro-Terminal block balanced input connection
- Adjustable mounting brackets
- Easy to mount on walls/ceilings
- Available in Black (/B) and White (/W)

## Safety Requirements

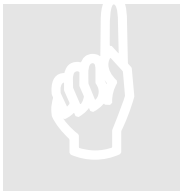
**Always handle the unit with care.**

**This unit is not a toy. It should not be operated by children.**

**Ensure that sufficient space is available behind the active speaker for cooling.**

**Do not open the unit (risk of electrical shock).**

**Always read the user manual before getting started.**



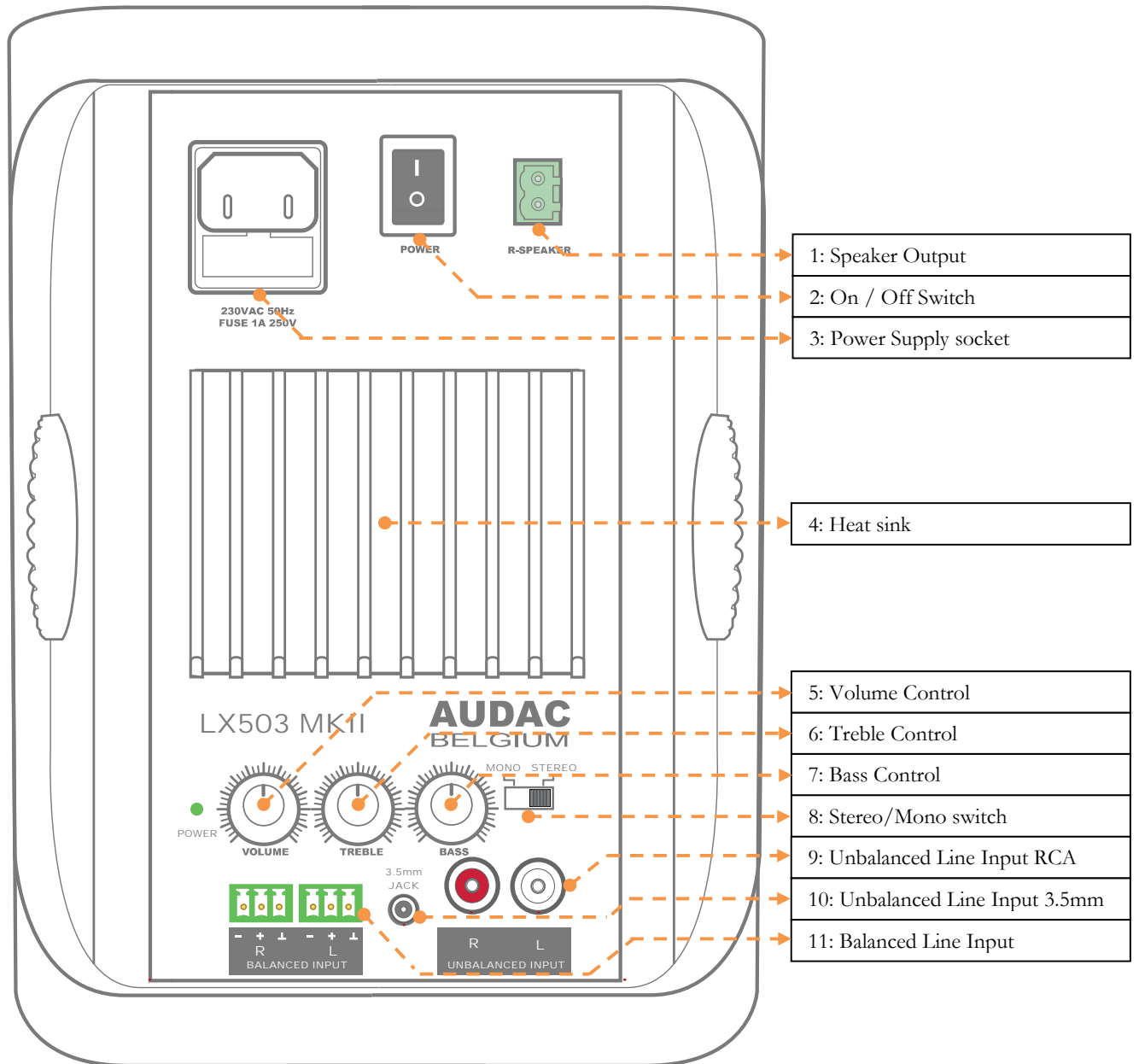
### CAUTION – SERVICING

This unit contains no user serviceable parts. Refer all servicing to qualified service personnel. Do not perform any servicing unless you are qualified to do so.

### Note

This product conforms to the following European Standards: EN 50081-1: 1992, EN 50082-1: 1992, EN 60065: 1994

## Overview rear panel of the LX503 MKII



## Description

### 1: Speaker output:

This two pin EURO terminal block connector should be used to connect the supplied passive loudspeaker. Using other loudspeakers can give bad result and even cause damage to the main unit. Be sure that the polarity of the speakers is correct.

**2: On / Off switch:**

The main unit can be turned on and off with this power button. When switched on, the green power LED at the bottom of the amplifier unit should illuminate.

**3: Power supply socket:**

The unit should be connected to the mains circuit by using a standard IEC type power cord. This socket contains a 1A slow blow fuse. To replace the fuse, the fuse compartment has to be flipped out by a screwdriver. Be sure that you don't use a quick blow fuse. This socket doesn't contain a ground pin to avoid ground loops.

**4: Heat sink:**

When using the LX503 MKII at full power for a long time, this heat sink will warm-up. Make sure there's always some space behind the speaker ensuring a proper airflow. Take care when placing the speaker close to other items sensitive to heat. Don't touch!

**5: Volume Control:**

With this button the general volume for the speaker system can be controlled.

**6: Treble Control:**

With this button, the high frequency's can be increased and decreased. Adding high frequency's can improve the intelligibility. Adjust it to the desired level. In the centre position, the sound should be neutral.

**7: Bass Control:**

By adding bass, you can add warmth to your music. Decreasing bass can improve the intelligibility of spoken messages, certainly in reverberant rooms.

**8: Stereo / Mono switch:**

The operation mode can be switched between Mono and Stereo mode by means of this switch. When the speaker is used in Mono mode, the input signal applied to the Left input signal will be fed to the amplifier.

**9: Unbalanced Line input RCA**

The sound source such as CD-player, DVD player, Tuner, ... can be connected to this unbalanced line input. The applied signal should be a line-level signal. A microphone mixer or preamplifier is required for connecting a microphone.

**10: Unbalanced Line input 3.5 mm**

This Line level stereo input is useful when connecting a computer or a portable source (CD, MD, mp3, ...).

**11: Balanced Line input**

These inputs can be used when connecting source devices with a balanced output signal. The balanced input connections are performed using three-pin Euro-Terminal block connectors. Balanced signals are less sensitive for interference caused by external devices. For this reason is balanced wiring recommended when using long cable runs between the source device and the speakers, or when installed in areas where a lot of interference occurs.

## Features and specifications

### Technical specifications

Frequency response		80 Hz – 20 kHz
Sensitivity		88 dB
RMS Power		2 x 40 Watt
Drivers	HF	3/4"
	MF	1"
	LF	5 1/4"
Construction	Speaker	ABS
	Bracket	Coated steel
Power supply		230 – 240 V AC
Connectors	Power	IEC power connector
	Input	RCA/Cinch
	Speaker output	3.5mm Jack 3-pin Euro-Terminal block Two pin EURO terminal block
Fuse		1A Slow
Colours		Black LX503MKII/B
		White LX503MKII/W
Dimensions (W x H x D)		178x240x193 mm
Packaging		Carton Box
Weight net. (2 Speakers)		5.6 Kg
Shipping Weight/Volume		6.7 Kg/0.0082Cbm

## Personal Notes