



LX503 MK2

3-Way stereo active speaker system

► Features

- 3-Way stereo active speaker system
- 2 x 40 Watt RMS
- 3.5 mm Jack and RCA stereo line input
- Balanced line input for long signal lines
- 2-band tone control
- Volume control
- Included adjustable mounting bracket
- Magnetically shielded

► Applications

- Presentations
- Classrooms
- Audiovisual installations
- Monitoring
- Meetingrooms
- Residential applications



The LX503MK2 is a 3-way stereo loudspeaker system consisting of an active and passive unit to be linked with each other. It offers an easy and flexible solution for a wide variation of applications, producing a clear and powerful sound.

The integrated amplifier is capable of delivering a power of 2 x 40 Watt and has line level inputs, allowing direct connection to audio sources such as CD players, DVD players, laptops, MP3 players or many other line level audio sources.

The line input is performed in three different ways, offering convenient connection to any kind of audio source. Unbalanced audio sources can be connected to either the RCA or 3.5mm jack connectors, while balanced sources can be connected to the terminal block connections allowing long signal runs without interference.

A volume potentiometer allows loudness adjustment, while the two-band tone control allows equalization of treble and bass. The operation mode can be switched between mono and stereo.

Magnetical shielding around the loudspeakers ensures a complete immunity against interference and radiation caused by external devices, reducing the hum and noise to an absolute minimum.

The passive loudspeaker is connected to the active one using a terminal block connector while the mains should be fed to an IEC socket located at the back of the speaker.

Both speakers come with a sturdy steel mounting bracket, allowing proper mounting and inclining.

► Specifications

SYSTEM SPECIFICATIONS		
Speaker type		3-Way stereo active speaker system
RMS power		2 x 40 Watt
Sensitivity (1W/1m)		88 dB
Sound pressure (Max W/1m)		103 dB
Frequency response (± 3 dB)		80 Hz - 20 kHz
Power supply		230 ~ 240 V AC / 50 Hz
PRODUCT FEATURES		
Dimensions (Width x Height x Depth)		180 x 244 x 190 mm (excl bracket)
		180 x 244 x 220 mm (incl bracket)
Weight net		5.5 Kg (pair)
Drivers	HF	1" Piezo tweeter
	MF	1/2" Mid range tweeter
	LF	5 1/4" polypropylene woofer
Connection	Power	Fused IEC C14
	Input	Unbalanced stereo line input (RCA & 3.5 mm jack)
		Balanced stereo line input (3-pin terminal block)
	Output	Passive speaker output (2-pin terminal block)
Controls		2-band tone control (bass & treble)
		Volume control
Construction		ABS
Front finish		Finely perforated steel grill
Mounting & handling		Powder coated steel bracket
Available colours	Black (RAL9005)	LX503MK2/B
	White (RAL9010)	LX503MK2/W
SHIPPING & ORDERING		
Packaging		Cardboard box
Shipping weight & volume		6.2 Kg - 0.026 Cbm (pair)
Accessory included		Wall mounting bracket set
		Mains power cable (1.5 meter)
		Speaker cable (3.5 meter)
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continuously improve our products		

► Architects' and Engineers' Specifications

The stereo loudspeakers shall be a 3-way active system with one active and one passive speaker, both composed of a 5 1/4" low frequency woofer with polypropylene cone, a 1/2" mid-range tweeter and 1" piezo high frequency tweeter. The enclosure shall be constructed using ABS materials with a finely perforated steel grill front finishing.

The speakers shall have an RMS power handling of 2 x 40 W and the frequency response (± 3 dB) shall range from 80 Hz to 20 kHz. The sensitivity shall be 88 dB with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall reach 103 dB.

The signal inputs shall be implemented using both RCA and 3.5 mm jack connections for the unbalanced stereo line inputs, while a stereo line input with terminal block connectors allows connectivity for balanced sources. The amplified output for powering the passive speaker must be implemented using a 2-pin terminal block connector. A magnetical shielding for immunity against external devices shall be provided. The overall volume and two band (bass and treble) tone equalization shall be adjustable using controls on the rear side of the active loudspeaker.

The speaker system shall operate on a 230~240 V AC / 50 Hz mains network and shall be equipped with a removable power cord having a standard Europlug (CEE 7/16) AC plug. The connector on the active speaker shall be a fused IEC C14 type. The speakers' enclosure shall be 244 mm high, 180 mm wide and 220 mm deep (including the mounting bracket) and the weight (of one pair) shall not exceed 5.5 Kg.

► Technical drawing

