LX523

Active Speaker System with remote input
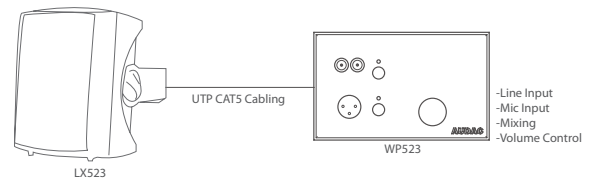
AUDAC

▶ Features

- **3-Way active and passive speaker**
- **2 x 40 Watt RMS**
- **RJ45 remote input**
- **Bass and Treble equalization**
- **Magnetically shielded speakers**
- **Included adjustable mounting brackets**
- **Easy to mount on walls/ceilings**
- **Works only in combination with WP523 or RM523**

▶ Applications

- **Presentations**
- **Classrooms**
- **Audiovisual installations**
- **Next to projection screens or flatscreens**
- **Monitoring**
- **Meeting rooms**

The LX523 is a 3-way stereo loudspeaker system consisting of an active and passive loudspeaker, designed to be used in combination with separately available (or as a set) input units such as the WP523 Wall panel and the RM523 Web based Input Control Unit. It is able to produce a clear and powerful sound with a power up to 2 x 40 Watt, offering a flexible solution for a wide variation of applications.

In combination with the WP523, it offers a solution for applications such as classrooms, meeting rooms, presentation desks, and many more where a speech signal from a microphone and a music signal from a source device, such as Laptop, CD-Player, MP3 player, ... should be mixed and made audible for an audience. While the RM523 Web based control interface offers a solution for more comprehensive applications where multiple line and microphone signals should be mixed and controlled, making it a simple but fully digital controllable audiosystem which can be operated through a web-based interface or an RS232 connection.

The input connections should be made on the rear side of the active loudspeaker by means of an RJ45 input connector, accompanied with a two band tone control for Bass and Treble equalization. The applied signal is differential with an increased voltage level, making the transfered signal insensitive for interference and noise generated by external devices. This allows bridging distances up to 500 meters between the input device and the loudspeaker, by just using inexpensive twisted pair CAT5 cable. The magnetically shielding of the speakers eleminate noise caused by radiation of external devices.

These speakers are always sold in pairs of one active and one passive speaker to be used

▶ Specifications

SYSTEM SPECIFICATIONS		
RMS power	2 x 40 W	
Sensitivity 1W / 1m	88 dB	
Frequency response	80 Hz - 20 kHz	
PRODUCT FEATURES		
Dimensions (Width x Height x Depth)	178 x 240 x 193 mm	
Weight net (both speakers)	5.4 Kg	
Drivers	HF	¾"
	MF	1"
	LF	5 ¼"
Construction	ABS	
Bracket	Coated steel	
Colours	Black	LX523/B
	White	LX523/W
Additional input units (separately)	WP523 Remote wall mixer	
	RM523 Web based input control unit	
SHIPPING & ORDERING		
Packaging	Carton box	
Shipping weight & volume (2pcs)	6.5 Kg - 0.0272 Cbm	
Accessories included	Mounting bracket	

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products