LX523

Active Speaker System with remote input



- 3–Way active speaker system
- 2 x 35 Watt RMS
- RJ45 remote input
- Bass and Treble equalization
- Included mounting brackets

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 input units such as the WP523 Wall panel and RM523 Web based Input Control Unit. It is able to produce a clear and powerful sound with a power up to 2 x 35 Watt, offering a flexible solution for a wide variation of applications.

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 for external devices. This allows briding distances up to 300 meters between the input device and the loudspeaker, by just using inexpensive twisted pair CAT5 cable.



The loudspeakers are available in both Black (/B) and White (/W).



WP523

Remote Wall Mixer for LX523



The WP523 is a Remote Wall Mixer which is the source device meant to be used in combination with the LX523 Active Speaker system. It converts the signal coming from a stereo line–level audio source device (such as CD–player, Tuner, MP3 player, ...) or balanced microphone input to the level corresponding the differential signal input on the rear side of the LX523 (RJ45). Making it possible to transfer high–quality audio over long distances between the wall panel and loudspeaker, by just using inexpensive twisted pair CAT5 cabling.

On the front side of the wall panel is a stereo RCA line input provided together with a balanced XLR microphone input. Each of them with their own knob, allowing both signals to be mixed with each other. A main volume dial allows you to adjust the overall volume of the loudspeaker system. In internal limiter avoids distortion on the input signal and a jumper on the rear side allows you to provide 12V phantom power to the microphone input.

The connection of the CAT5 cable can be made on the rear side of the wall panel by means of an 8–pin phoenix connector.

Technical Highlights

	RMS Power	Sensitivity 1W / 1m	Frequency Response ±3 dB	Power Supply	Dimensions (W x H x D)	Weight (Set)
LX523	2 x 35 W	88 dB	80Hz – 20kHz	230V AC / 50–60 Hz	178x240x193 mm	5.6 Kg