

# WP523

Remote Wall Mixer for LX523

## AUDAC

### ► Features

- Stereo RCA Line input
- XLR Microphone input
- Phantom power for microphone
- Push-Lock potentiometers for mixing
- Integrated signal limiter
- High input sensitivity for portable devices such as Laptop, MP3-player, ...
- Works in combination with LX523

### ► Applications

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

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

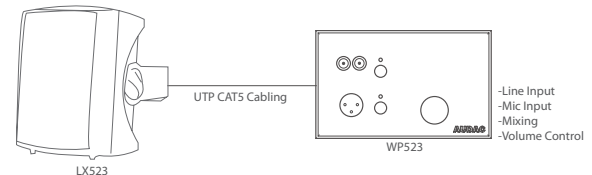
On the front side of the wall panel is a stereo RCA line input together with a balanced XLR microphone input. Both provided with their own knob, which allows the signals to be mixed together. A main volume dial allows you to adjust the overall volume of the loudspeaker system.

The mixing potentiometers are level with the surface and both equipped with a Push-Lock mechanism. They can be opened and hidden again by pressing it. An internal limiter avoids distortion on the input signal, and intervenes when the level of the input signal reaches the clipping level. The 'Clip' LED located above the mixing potentiometer will illuminate when it's recommended to reduce the level. This should be done by turning back the potentiometer.

A jumper on the rear side of the panel allows you to enable the 12V phantom power for the microphone input.

The connection of the wall panel should be done with twisted pair UTP CAT5 cabling whereby distances up to 500 meters can be reached. It should be connected to the 8-pin Euro-Terminal Block connector on the rear side of the panel.

Available in Black (/B) and White (/W).



### ► Specifications

SYSTEM SPECIFICATIONS		
Line input	Connector	Stereo RCA input
	Sensitivity	+12dB / -6dB
	Signal / Noise	> 95dB
	THD+N	< 0.02%
Microphone input	Connector	Balanced XLR input (female)
	Sensitivity	-20dB / -64dB
	Signal / Noise	> 85dB
	THD+N	< 0.05%
Phantom power	12V DC	
Mixing controls	Push-Lock potentiometers	
Volume control	Potentiometer	
Indicators	Clip LED indicator	
PRODUCT FEATURES		
Dimensions (Width x Height x Depth)	153 x 94 x 55 mm	
Weight net (both speakers)	0.175 Kg	
Audio connectors	Line input	Stereo RCA
	Microphone input	Female XLR
Data connectors	8-pin Euro-Terminal Block	
Construction	ABS	
Colours	Black	WP523/B
	White	WP523/W
Built-in Depth	37 mm	
Installation standard	BS4662 - 2 gang	
SHIPPING & ORDERING		
Packaging	Carton box	
Shipping weight & volume	0.26 Kg - 0.002 Cbm	
Optional accessories	WB5065/FG	Flush mount installation box - Gypsum Wall
	WB5065/FS	Flush mount installation box - Steel
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products		