

# MWX65

All-in-One Wall panel

## AUDAC

### ► Features

- Audio source selection
- Volume control
- Line level input (RCA)
- Microphone level input (XLR)
- Local mixing
- 15V Phantom power
- 2.5" Graphical Display
- 2-Band tone control

### ► Applications

- Residential buildings
- Industrial buildings
- Commercial buildings
- Conference rooms
- Offices, Hotels
- Restaurants, Bars



The MWX65 is an All-in-One Wall panel controller to be used in combination with the AUDAC MTX series Multi-Zone audio matrix systems.

It can be used for selecting the desired audio source and control the volume for one zone and also contains an additional line and microphone level input which can be patched to the zone it's connected to.

Both input selection and volume control as well as two band tone control can be controlled using the versatile rotatable push-dial, while the integrated 2.5" graphical display ensures a user friendly experience.

An XLR connector is provided as additional microphone input, while the line input is performed using RCA connectors. The signals applied to these inputs can be used as one additional local input. This enables you to connect any CD or MP3 player as local music source or connect a microphone for speeches or other announcements. The input mixing can be done by using both push-lock potentiometers.

The microphone input has the possibility to provide 15V Phantom power which can be turned on and off by software configuration.

The wiring between the matrix and the wall panel should be performed by using standard UTP CAT5 Cabling, which transfers both the control and audio signals to the matrix while providing the power supply for the wall panel.

### ► Specifications

SYSTEM SPECIFICATIONS		
Digital control	RS485	
Audio transfer	Analogue differential (Dual mono)	
Inputs	Line level (RCA) Microphone level (Female XLR)	
Phantom power	15 V DC (software enabling)	
Microphone Sensitivity	-50 dB ~ -15 dB	
Microphone THD+N	< 0.1%	
Microphone Signal / Noise	75 dB	
Line Sensitivity	-12 dB ~ +12 dB	
Line THD+N	< 0.05%	
Line Signal / Noise	85 dB	
Cabling	UTP CAT 5 (Up to 500 meter)	
Display	2.5" Graphical Full colour	
Power consumption	1.8 Watt - 75 mA / 24 V	
PRODUCT FEATURES		
Dimensions (Width x Height x Depth)	153 x 94 x 45 mm	
Built-in Depth	37 mm	
Weight net	0.21 Kg	
Construction	ABS	
Connector	8-pin Euro-Terminal Block	
Colour	White (RAL9010) MWX65/W Black (RAL9005) MWX65/B	
SHIPPING & ORDERING		
Packaging	Carton box	
Shipping weight and volume	0.34 Kg ~ 0.00225 Cbm	
Accessories	Flush mount Installation boxes	WB5065/FS: Concrete & Brick walls
	Surface mount Installation boxes	WB5065/FG: Wooden & Gypsum walls
		WB5065/SW: White version
		WB5065/SB: Black version
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products		