



DW5066

Digital all-in-one wall panel

Highlights:

- unbalanced stereo line input
- 2.5" LCD display with intuitive user interface
- Terminal block connection

The DW5066 is an all-in-one wall panel controller for multi-zone digital audio matrix systems and multi-media digital audio mixers. It offers various control functions such as audio source selection whereby the routing can be changed or specific mixing presets ('scenes' - only for M2) can be triggered. The control shall be done using the versatile rotatable push dial whereby other settings such as volume, tone control, phantom power, muting, ... also can be made. A local line and microphone level input allows the connection of additional input units to be patched with the matrix / mixer while one of them can also be converted to a local line output. The additional inputs allow connection of a CD-player, MP3 player or any other audio source as local input while a microphone can be connected for making announcements. Both line and microphone audio input can be mixed locally using two push-lock potentiometers and 15V phantom power can be enabled to the microphone input for powering condenser microphones. The audio output function can be very useful in applications where a local audio output is required carrying the same audio signal as one of the direct outputs. This can be very useful for monitoring, recording or other system expansion purposes. A 2.5" graphical LCD display ensures a user-friendly experience for controlling the system and the audio connections are performed using XLR (microphone) and stereo RCA (line) connectors.



Applications:

- Bars, restaurants
- Retail
- Hotels
- Corporate spaces
- Residential

System specifications:

Control			RS-485
Digital audio			S/PDIF
Inputs	Balanced Stereo	Type	1 x Stereo Balanced Line
		Connector	RCA
	Balanced Microphone	Type	1 x Balanced Microphone
		Connector	XLR female
Phantom Power			15 V DC (software enabling)
Cabling			UTP CAT 6 (Up to 300 meter)
Display	Type	2.5" Graphical Full colour	
Connectors			8-pin Euro Terminal Block

Product Features:

Dimensions			153 x 94 x 45 mm (W x H x D)
Built-in depth			37 mm
Weight			0.210 kg
Construction			ABS
Colours			Black (RAL9005) (DW5066/B)
			White (RAL9010) (DW5066/W)
Accessories	Optional	Flush mount Installation boxes	WB5065/FS: Concrete & Brick walls
			WB5065/FG: Wooden & Gypsum walls
		Surface mount Installation boxes	WB5065/SW: White version
	Repeater (>300 m)		WB5065/SB: Black version
			CP43ARP: bTicino version (/B & /W)
			CP45ARP: 45x45mm version (/B & /W)

Variants:

- DW5066/B - Black version
- DW5066/W - White version

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	0.340 kg - 0.00225 Cbm

Architects' and Engineers' Specifications:

The audio wall panel controller shall be used to control multi-zone audio matrix systems. It shall offer various control functions such as audio source selection whereby the routing can be changed or specific mixing presets can be triggered. The control shall be done using the versatile rotatable push dial whereby other settings such as volume, tone control, phantom power, muting, ... also can be made.

An XLR connector shall be provided as an additional microphone input, while the line input is performed using RCA connectors. These additional signal inputs will be used as local inputs, this can be useful to connect any CD/MP3 player, smartphone or laptop as a local music source or connect a microphone for speeches or other announcements. The microphone input shall have a 15V phantom power possibility, which can be switched on and off through the software configuration.

The wiring between the wall panel and the matrix shall be done by using UTP/FTP CAT6 (or better) cabling which transfers both the control and audio signal to the matrix while providing the power supply for the wall panel.

The connection shall be made through an 8-pin Terminal Block Connector provided on the backside of the wall panel. The balanced microphone input and unbalanced line input shall be located on the front of the wall panel for easy access, both inputs shall be accompanied by a push-lock gain control dial with clipping LED. Complete and intuitive system control shall be provided through the rotatable push-dial and the 2.5" LCD display.

The wall panel housing shall be constructed out of ABS with a build-in depth of 37mm. It's weight shall not exceed 0.210 kg. A variety of optional accessories shall include a surface mount installation box, a flush mount installation box for hollow walls and a flush mount installation box for stone / concrete walls.

