

# MATRIX6

## AUDIO MATRIX WITH 6 INPUTS AND 6 OUTPUTS



### TECH DETAILS:

- Power supply: 24Vdc Max.700mA;
- Input: 6 mono analog balanced input and an integrated player;
- Integrated player with USB reader and Airplay, Spotify, Webradio...;
- Output: 6 mono analog balanced output and stream output to other devices;
- Dimensions: 106x96x63mm(WxHxD);
- Weight: 0,15Kg;

### DESCRIPTION:

MATRIX6 is a digital matrix with integrated control webpage and has 6 analog balanced inputs and 6 outputs with independent buffer. All inputs have the ability to enable Phantom power, adjust input gain, activate a highpass filter to avoid the "POP" typical of electret microphones.

The outputs, each have a 3-band equalizer, volume adjustment and mute.

The player has the ability to play content via Spotify Connect (Premium users), Airplay, Webradio and supports the following file formats: wma, mp2, mp3, ogg, flac, alac, wav, aiff, aac.

With MATRIX6 you can sync audio between multiple devices. This feature allows you to stream the currently playing source or selected analog inputs in the matrix crossroads from one primary device to other devices on the network (P30S, P80S, MATRIX6).

This synchronisation is possible via wired LAN connection, and so it is possible to synchronize devices away from each other.

All this technology resides in a 6 modules box for omega(DIN) bar installation.

### External API available:

- MQTT
- REST API
- KNXnet/IP



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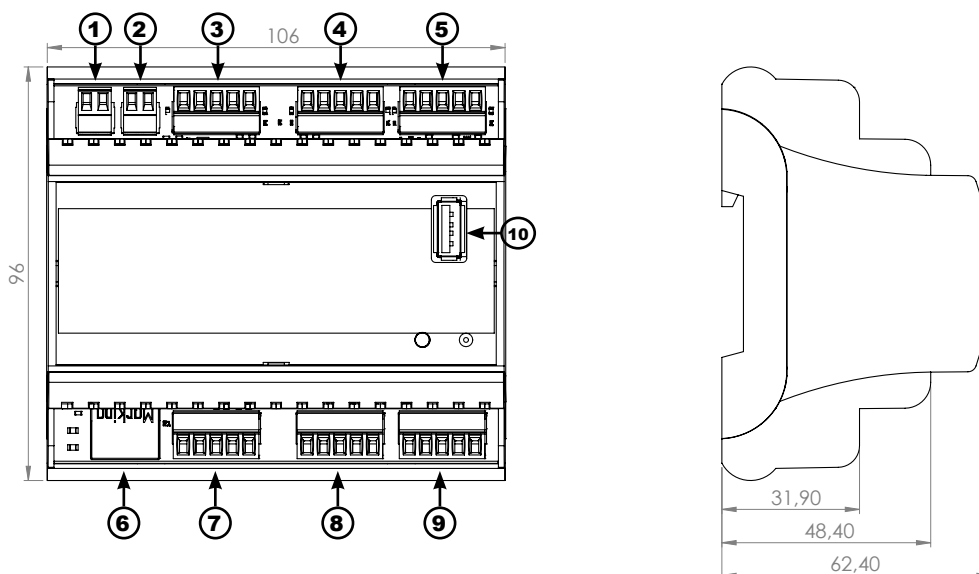
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## INSTALLATION:

Only a few steps are necessary for installation.:

- Plug the cable to connect to the local area network;
- Connect the input devices;
- Connect the output devices;
- Connect the power supply 24Vdc;
- Turn on the device;
- Download the “Vivaldi” APP to use your device quickly(iOS, Android).

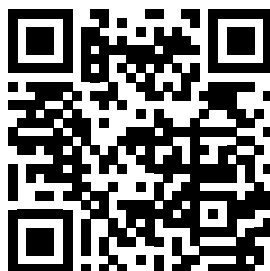
## DIMENSIONS(mm):



## CONNECTION DESCRIPTION:

- 1.Terminal block for 24vdc power connection;
- 2.(Not Used)Terminal block for future feature;
- 3.Terminal block for connection of named input “CH1” and “CH2”;
- 4.Terminal block for connection of named input “CH3” and “CH4”;;
- 5.Terminal block for connection of named input “CH5” and “CH6”;;
- 6.RJ45 socket for ethernet connection(Connection speed 10/100Mbps);
- 7.Terminal block for connection of named outputs “CH1” and “CH2”;
- 8.Terminal block for connection of named outputs“CH3” and “CH4”;
- 9.Terminal block for connection of named outputs“CH5” and “CH6”;
- 10.Connector for USB storage device;

For more information and download the manuals, go to [www.vivaldigroup.it/en](http://www.vivaldigroup.it/en) or scan the QR code.



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