

API

P30S - P80S - MATRIX6



Available API

- MQTT Client version 3.1
- Embedded MQTT Broker version 3.1
- REST API with GET/POST Method (JSON format payload)
- KNXnet/IP on Multicast 224.0.23.12

Functions available on P30S-P80S

- Volume/Mute function on each input (Stereo Aux 1-3 and/or Mono CH 1-4).
- Volume/Mute function on each output (Amplifier, Preout, Subwoofer).
- Equalizer Gain.
- Volume/Mute on internal Player.
- Player control: Play/Pause/Stop/Next/Previous - Play USB - Recall Preset.
- Player Infos: Track Title/Album/Artist, current Source Name and SourceID.
- Scenarios: Current ID info and ID recall.

Functions available on MATRIX6

- Volume/Mute function on each input (CH 1-6).
- Volume/Mute/EQ function on each output (CH 1-6).
- Single Matrix Crosspoint or Choose a single source for each output.
- Volume/Mute on internal Player.
- Player control: Play/Pause/Stop/Next/Previous - Play USB - Recall Preset.
- Player Infos: Track Title/Album/Artist, current Source Name and SourceID.
- Scenarios: Current ID info and ID recall.



Made in Italy

Vivaldi srl

Via E. Fermi, 8 Z.I. Est - 30020 Noventa di Piave (Venezia) - ITALIA
 Tel. +39 0421 307825 - info@vivaldigroup.it - www.vivaldigroup.it
 P. IVA e C.F. 02880360272

MQTT Broker

Each device has a built-in MQTT Broker service configurable via webpage.

It supports authentication option via username/password.

An MQTT broker is an intermediary entity that allows MQTT clients to communicate. Specifically, an MQTT broker receives messages published by clients, filters the messages by topic, and distributes them to subscribers.

MQTT Client

This features enables device to connect to an MQTT Broker over the network.

If enabled, the device can publish messages on topics at every object change (like volume, mute, player infos and other).

It can receive external commands from specific topics.

Options:

- Enable/Disable MQTT Client connection.
- Enable/Disable custom prefix on topic path
- Server Address (could be an domainname such as server.mqtt.com, default 127.0.0.1)
- Server Port (default 1883)
- Authentication Disable/Enable
- Retain Flag Disable/Enable for all published topics
- QoS value for all published topics

MQTT API Docs is available separately.

KNXnet/IP

This features allows device to connect to a KNXnet via IP Router on multicast address 224.0.23.12.

The full Application Program is configurable via ETS5/ETS6.

Options:

- Toggle ProgMode via webpage.
- See ProgMode Status and current PHY Address

Maximum number of group addresses: **250**

This is the maximum number of different group addresses the device is able to store.

Maximum number of associations: **300**

This is the maximum number of associations between communication objects and group addresses the device is able to store.

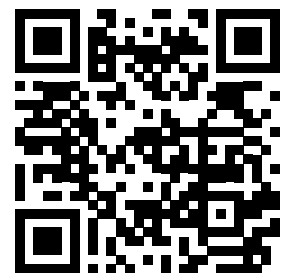
REST API

This feature is built-in and available every-time without any setup.

It accept GET/POST method with data payload in JSON format.

REST API Docs is available under request.

For more information and download the manuals, go to www.vivaldigroup.it/en or scan the QR code.



DTS_API_R90_01/23_REV0



Made in Italy

Vivaldi srl

Via E. Fermi, 8 Z.I. Est - 30020 Noventa di Piave (Venezia) - ITALIA
Tel. +39 0421 307825 - info@vivaldigroup.it - www.vivaldigroup.it
P. IVA e C.F. 02880360272