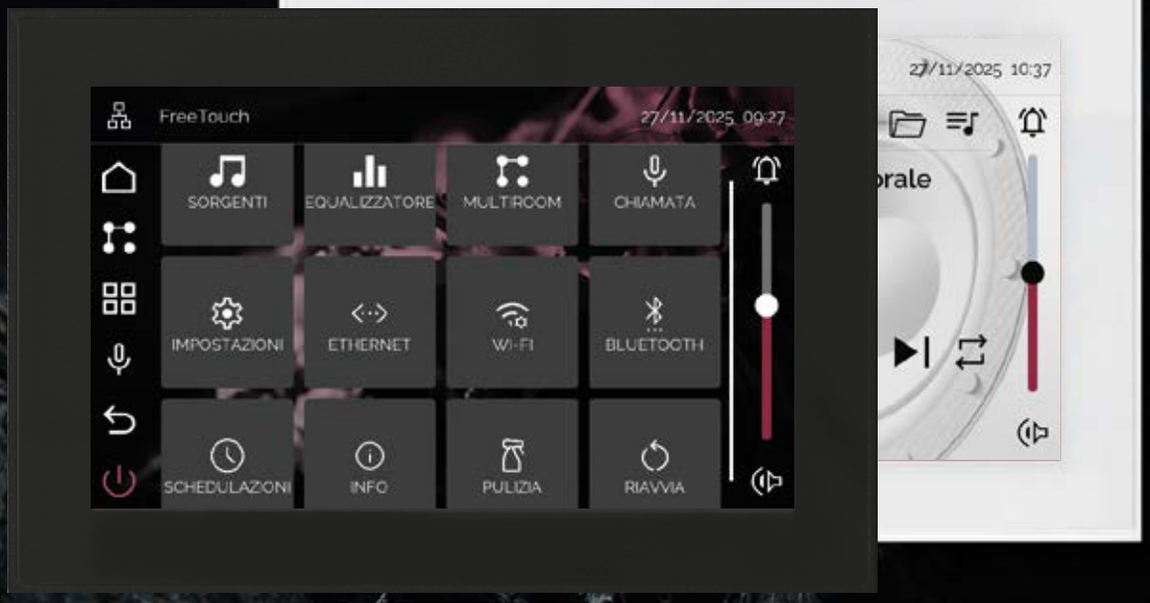
VIVALDI

l'innovazione continua
the innovation continues

FREETOUCH

Amplificatore HiFi multimediale touch 1 - 2 zone
Multimedia HiFi amplifier, touch, 1 or 2 zones



KNX MQTT REST API

VIVALDI

GET IT ON Google Play
Available on the App Store
Windows

WiFi NAS DSP HiFi Spotify

PLAYLIST AIRPLAY BLUETOOTH MULTIROOM 55.000 WEB RADIO SD CARD 2x MIC ALARM SYSTEM 2x AUX-IN AUX-OUT COURTESY LIGHT VOIP EQUALIZER SCHEDULES

FREETOUCH

Dispositivo DOMOTICO KNX, MQTT, REST.API
MULTIMEDIALE audio all-in-one, TOUCH, con APP di supervisione e controllo VIVALDI o tramite iCONTROL4.0+ e iCONTROL4.1L.
Made in Italy, HiFi Stereo 20W+20W RMS (40+40W musicali).

MODALITA' DI FUNZIONAMENTO:
• 1 zona stereo
• 1 zona stereo + Subwoofer
• 1 zona stereo + Subwoofer + 1 zona mono con espansione di potenza
• 2 zone stereo, una amplificata ed una con espansione di potenza
• 4 zone mono, due amplificate e due con espansione di potenza
• Multiroom (connessione via rete locale di più FREETOUCH per sincronizzazione audio del player o degli ingressi ausiliari)
• Interfono (connessione via LAN di più dispositivi FREETOUCH per chiamate microfoniche selettive, gruppi o annunci)

FUNZIONALITA':
• Display 5", 800x480px
• Ricevitore Bluetooth 5.2
• Profilo HFP (Hands Free) in sorgente Bluetooth funzione Vivavoce
• Player audio per riproduzione: AirPlay 2 (servizi di streaming audio. Ad esempio: YouTube, Apple Music, Amazon Music...), Spotify, Webradio, MicroSd-card, Nas;
• Possibilità di aggiungere fino a 12 background personalizzati;
• Tema chiaro/scuro selezionabile;
• 2 Microfoni per comunicazione stereo bidirezionale
• Equalizzatore grafico a 7 Bande
• DSP (Digital Signal Processor) integrato
• Controllo e supervisione tramite i protocolli: MQTT - REST.API KNX.TP - OSC

Altre Funzioni:
• Scenari per configurazione dispositivo;
• Preset per riproduzione playlist;
• Filtro passa alto per uscita audio amplificata e filtro passa basso per uscita audio pre-amplificata Sub.;
• Funzione di risparmio energetico Amplificatore, attivabile;
• Funzione di accensione e/o spegnimento automatica in base alla presenza di segnale nell'ingresso AUX1 oppure AUX2;
• Microfono per ascolti ambientali (bambini, disabili, anziani..) o chiamate ad altri dispositivi connessi alla stessa rete;
• Schermata di standby, selezionabile.
• Microfono con sensibilità automatica del volume.
• Orologio e sveglia con funzione di timer programmabile per accensione e/o spegnimento automatici (es. funzioni Sveglia e Sleep).
• Possibilità di disattivazione dell'amplificatore Integrato.
• Volume massimo impostabile.
• Aggiornamento firmware tramite rete internet (OTA);

Incasso 502, 503, 504 o D60. Alimentazione tramite AL3B, AL5B, AL8.
Colori disponibili: bianco RAL9016, nero RAL9004.
Dimensioni (LxHxP) 135x92x44mm . Sporgenza 13,8mm. Peso 0,25Kg.

DOMOTIC KNX, MQTT, REST.API device
MULTIMEDIAL audio all-in-one, TOUCH, with supervision APP and VIVALDI control or via iCONTROL4.0+ and iCONTROL4.1L.
Made in Italy, HiFi Stereo 20W+20W RMS (40+40W music).

OPERATING MODES:
• 1 stereo zone;
• 1 stereo zone + Subwoofer;
• 1 stereo zone + Subwoofer + 1 mono zone with power expansion;
• 2 stereo zones, one amplified and one with power expansion;
• 4 mono zones, two amplified and two with power expansion;
• Multiroom (connection via local network of several FREETOUCH devices for audio synchronisation of player or auxiliary inputs);
• Intercom (connection via LAN of several FREETOUCH devices for selective microphone calls, groups or announcements);

FEATURES
• 5" display, 800x480px;
• Bluetooth 5.2 receiver
• HFP (Hands Free) profile: in Bluetooth source Hands-free function for the smartphone;
• Audio player for playback: AirPlay 2 (audio streaming. For example: YouTube, Apple Music, Amazon Music...), Spotify, Webradio, MicroSd-card, Nas;
• Ability to add up to 12 custom backgrounds;
• Selectable light/dark theme;
• 2 Microphones for two-way stereo communication;
• 7-band graphic equaliser;
• Integrated DSP (Digital Signal Processor);
• Control and supervision via protocols: MQTT - REST.API KNX.TP - OCS

Other Functions:
• Presets for device configuration;
• Presets for playlist playback;
• High-pass filter for amplified audio output and low-pass filter for pre-amplified audio output Sub;
• Amplifier power-saving function, which can be activated;
• Automatic on/off function depending on the presence of a signal at the AUX1 or AUX2 input;
• Microphone for ambient listening (children, disabled, elderly..) or calls to other devices connected to the same network;
• Standby screen, selectable.
• Microphone with automatic volume sensitivity.
• Clock and alarm clock with programmable timer function for automatic switching on and/or off (e.g. Alarm and Sleep function).
• Integrated amplifier can be switched off.
• Adjustable maximum volume.
• Firmware update via Internet (OTA);

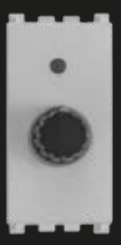
Recessed on 502, 503, 504 or D60. Power supply via AL3B, AL5B, AL8.
Black color RAL9004. Dimensions (WxHxD) 135x92x44mm.
Overhang 13,8mm.

Accessori
Accessories

C4IO

Modulo ingressi di zona con funzioni configurabili per il controllo remoto.
Connettività WiFi. Webpage di configurazione.
Funzioni: incremento / decremento volume ingressi / uscite, attivazione muto e disattivazione, richiamo preset, avanti / indietro traccia player, stop, play / pausa player.

Zone input module with configurable functions for remote control. WiFi connectivity. Configuration webpage.
Functions: increase / decrease input / output volume, mute and unmute, preset recall, forward / backward track player, stop, play / pause player.

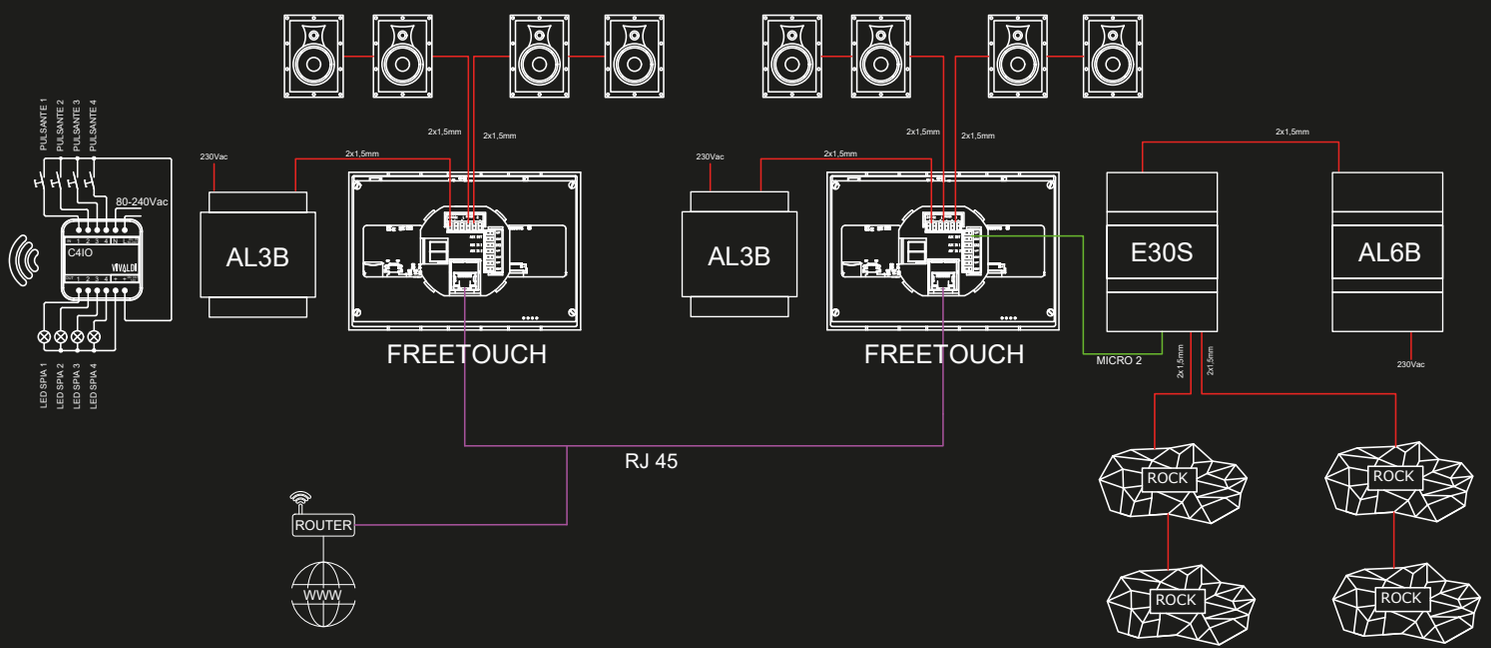


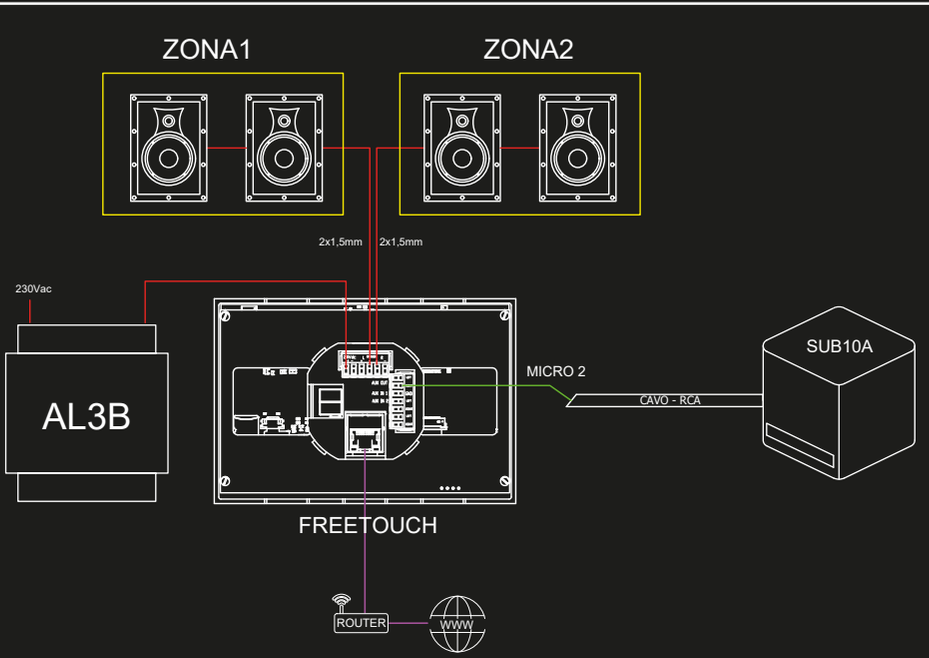
TVE

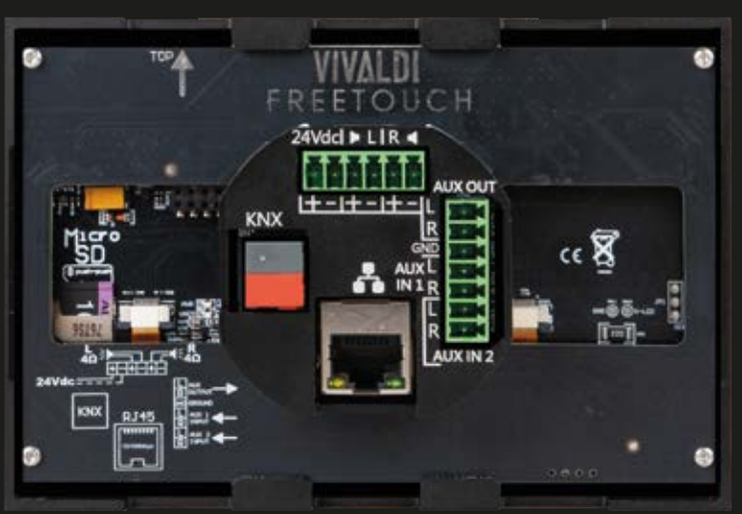
Encoder per il controllo di volume, da associare al dispositivo C4IO.
Fornito su tappo cieco.
L'encoder è equipaggiato con un pulsante, il quale può essere associato ad una funzione di C4IO.
Indicare al momento dell'ordine serie civile e colore desiderati.

Encoder for volume control, to be associated with the C4IO device.
Supplied on a blind cap.
The encoder is equipped with a button, which can be associated with a C4IO function.
Please indicate the required civil series and colour when ordering.

Schemi tecnici
Technical diagrams

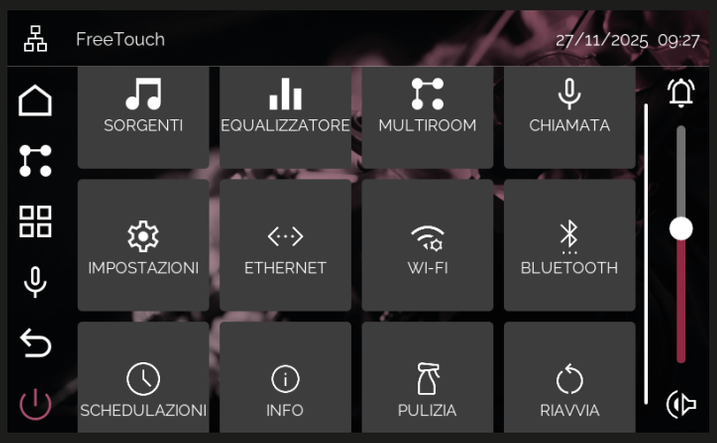


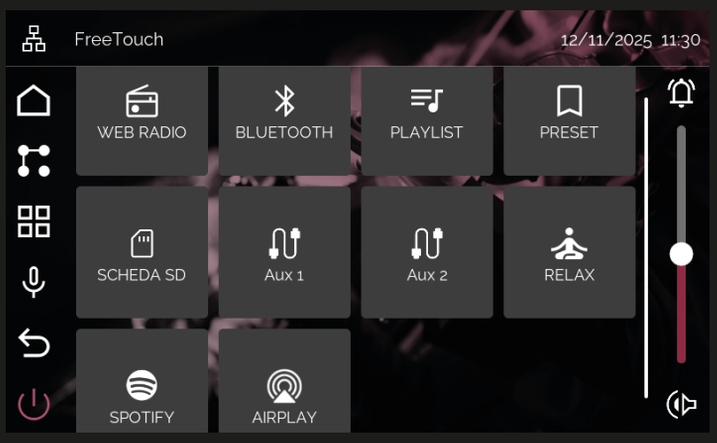


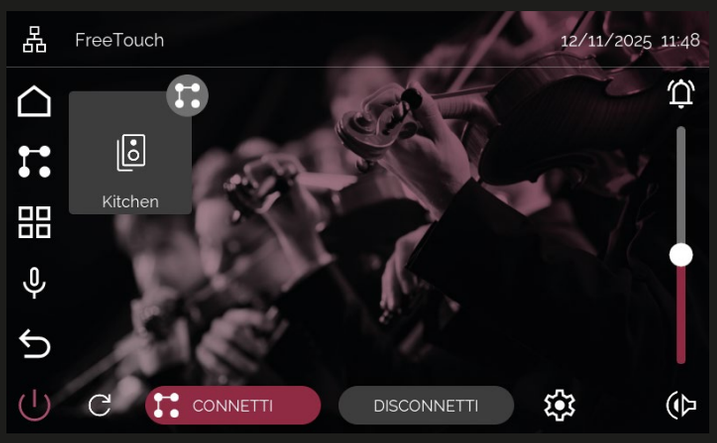


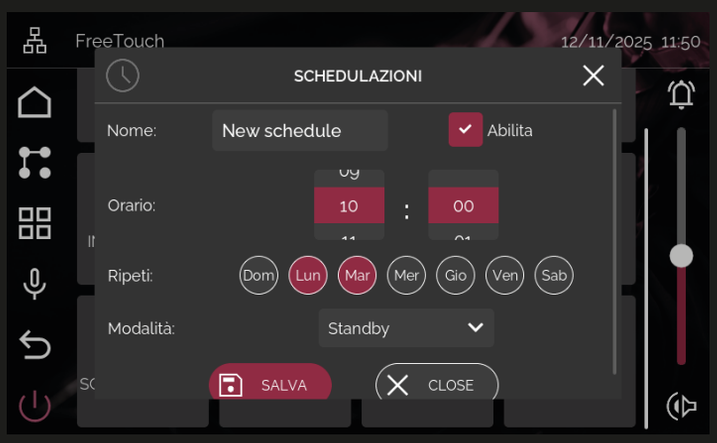
Retro FREETOUCH
Rear FREETOUCH

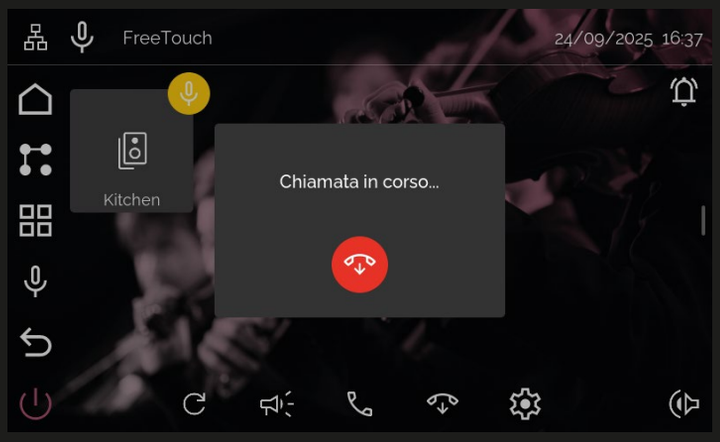
Esempi di screen
Screen examples

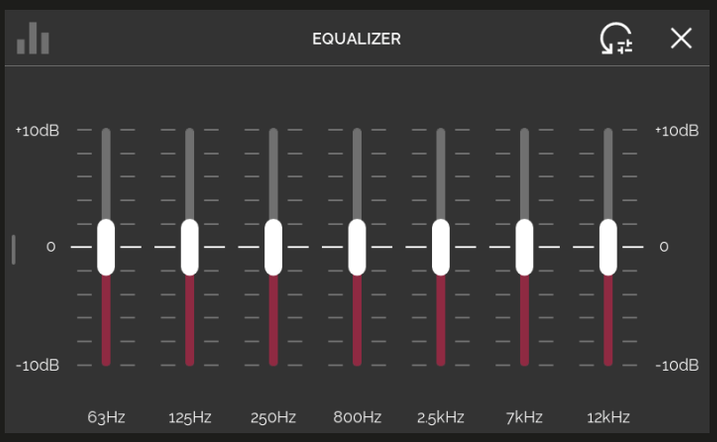


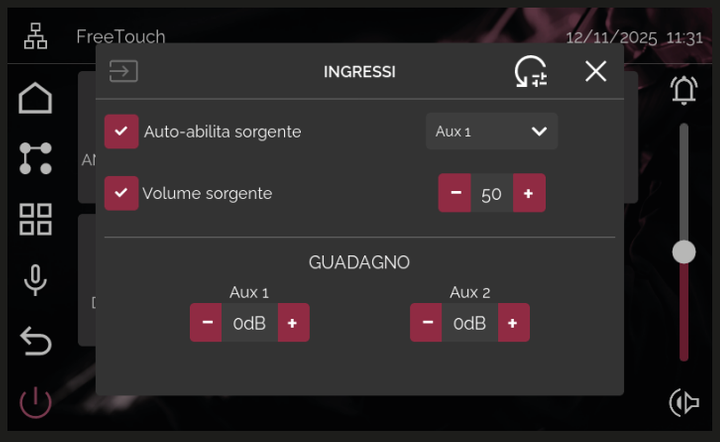












Dispositivi di gamma
Line devices

TELEMACO

Sistema multiroom all-in-one integrato, 6x20W @ 4Ohm con 4 player sorgenti audio multimediali. Porta KNX. MQTT, REST.API. Gestione e supervisione tramite APP Telemaco disponibile per iOS, Android, Win o webpage. Sistema espandibile a 6 player a 12 zone.

Integrated all-in-one multiroom system, 6x20W @ 4Ohm with 4 audio media players. KNX port. MQTT, REST.API. Management and supervision via Telemaco APP available for iOS, Android, Win or webpage. System expandable to 6 players with 12 zones.

P30S

Amplificatore di potenza professionale classe-D 30+30W @ 8Ohm, 50+50W @ 4Ohm, 1 player sorgenti audio multimediale. KNXnet-IP, MQTT, REST.API.
Mixer amplificato con DSP a 4 canali mono + 1 stereo oppure 3ch stereo.
Gestione e supervisione tramite APP Vivaldi disponibile per iOS, Android, Win o webpage.

Class-D professional power amplifier 30+30W @ 8Ohm, 50+50W @ 4Ohm, 1 player multimedia audio sources. KNXnet-IP, MQTT, REST.API.
Amplified mixer with DSP 4ch mono + 1 stereo or 3ch stereo. Management and supervision via Vivaldi APP available for iOS, Android, Win or webpage.

P80S

Amplificatore di potenza professionale classe-D 80+80W @ 8Ohm, 140+140W @ 4Ohm, 1 player sorgenti audio multimediale. KNXnet-IP, MQTT, REST.API.
Mixer amplificato con DSP a 4 canali mono + 1 stereo oppure 3ch stereo.
Gestione e supervisione tramite APP Vivaldi disponibile per iOS, Android, Win o webpage.

Class-D professional power amplifier 80+80W @ 8Ohm, 140+140W @ 4Ohm, 1 multimedia audio source player. KNXnet-IP, MQTT, REST.API.
Amplified mixer with DSP 4ch mono + 1 stereo or 3ch stereo. Management and supervision via Vivaldi APP available for iOS, Android, Win or webpage.

Matrice ed espansioni di potenza
Matrix and power expansions

MATRIX6

Matrice a 6 ingressi MIC/LINE + 1 player sorgenti audio multimediale. KNXnet-IP, MQTT, REST.API. Gestione e supervisione tramite APP Vivaldi disponibile per iOS, Android, Win o webpage.
USB type A su frontale per riproduzione file audio MP3/WMA/AAC/AAC+ ALAC/FLAC/APE/WAV.
Equalizzatore a 3 bande.
Uscite per E30S, E80S o finali di potenza 8Ω o 100V.

Matrix with 6 MIC/LINE inputs + 1 multimedia audio source player. KNXnet-IP, MQTT, REST.API. Management and supervision via Vivaldi APP available for iOS, Android, Win or webpage. USB type A on front panel for MP3/WMA/AAC/AAC+ audio file playback ALAC/FLAC/APE/WAV. 3-band equaliser. Outputs for E30S, E80S or 8Ω or 100V power amplifiers.

E30S

Amplificatore stereo con DSP.
Potenza amplificatore classe-D 30+30W @ 8Ohm, 50+50W @ 4Ohm.
Ingresso stereo bilanciato.

Stereo amplifier with DSP.
Class-D amplifier power 30+30W @ 8Ohm, 50+50W @ 4Ohm.
Balanced stereo input.

E80S

Amplificatore stereo con DSP.
Potenza amplificatore classe-D 80+80W @ 8Ohm, 140+140W @ 4Ohm.
Ingresso stereo bilanciato.

Stereo amplifier with DSP.
Class-D amplifier power 80+80W @ 8Ohm, 140+140W @ 4Ohm.
Balanced stereo input.

Dati Tecnici
Technical Data

Display	5”, 800x480px
Amplificazione	Stereo 20W+20W RMS (40+40W musicali)
DSP	integrato
Player e Servizi	1 multimediale integrato, AirPlay 2, Spotify, Webradio, MicroSd-card, Nas
Bluetooth	Bluetooth 5.2 con assegnazione pin automatica
Uscita Diffusori	Uscita amplificata stereo 2x20W RMS @ 8Ω e 2x30W RMS @ 4Ω
PRE out	1 per diffusori attivi, subwoofer attivi, espansioni di potenza
Connessione LAN	10/100Mbps, Wi-Fi: 802.11 b/g/n
Microfono	2 per comunicazione stereo bidirezionale
Equalizzatore	grafico a 7 Bande
Alimentazione	24Vdc Max. 2.5A
Dimensioni	135x92x44mm(LxHxP)
Peso	0,25Kg
Cabinet	alluminio, display in vetro
Colore	bianco (RAL9016) o nero (RAL9004)

Display	5", 800x480px
Amplification	Stereo 20W+20W RMS (40+40W music)
DSP	integrated
Player and Services	1 integrated multimedia, AirPlay 2, Spotify, Webradio, MicroSd-card, Nas
Bluetooth	Bluetooth 5.2 with automatic pin assignment
Speaker Out	Stereo amplified output 2x20W RMS @ 8Ω and 2x30W RMS @ 4Ω
PRE out	1 for active speakers, active subwoofers, power expansions
LAN connection	10/100Mbps, Wi-Fi: 802.11 b/g/n
Microphone	2 for two-way stereo communication
Equaliser	7-band graphic
Power supply	24Vdc Max. 2.5A
Dimensions	135x92x44mm(WxHxD)
Weight	0.25Kg
Cabinet	aluminium, glass display
Color	white (RAL9016) or black (RAL9004)

Alimentazione
Power Supply

AL3B

Alimentatore da barra DIN (4,5 moduli).
Input 100-240 Vac 50-60Hz 1,8A.
Output 24 Vdc 2,5A, 60W.

DIN rail power supply unit (4,5 modules).
Input 100-240 Vac 50-60Hz 1.8A.
Output 24 Vdc 2.5A, 60W.

AL5B

Alimentatore da barra DIN (5,5 moduli)
Input 100-240 Vac 50Hz 1,2A.
Output 24 Vdc 4,16A, 100W.

DIN rail power supply (5,5 modules)
Input 100-240 Vac 50Hz 1.2A.
Output 24 Vdc 4.16A, 100W.

AL8

Alimentatore da barra DIN (4 moduli, installazione da retro quadro)
Input 100-240 Vac 50-60Hz 3,3A
Output 24 Vdc 5A, 120W.

DIN rail power supply (4 modules, rear panel installation)
Input 100-240 Vac 50-60Hz 3.3A
Output 24 Vdc 5A, 120W.

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