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COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001:2015

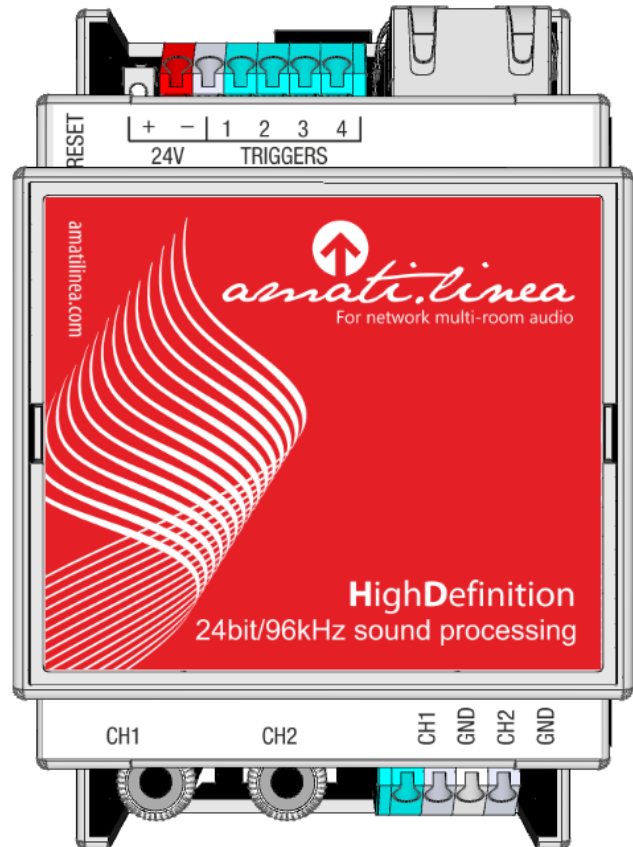KNX
MEMBER

can
protocol creator

Amati.linea Streaming Player w/o amplifier

Amati.linea Streaming player plays all your network music in HD quality staying design wise, powerfull and affordable. Streaming Player plays music from 16GB built-in flash, UPnP/DLNA servers, Airplay, FTP servers, Internet radios. KNXnet/IP support allows easy and fast audio control function, internet radio and specific song or folder mapping to KNX group addresses.

ENG - Data sheet
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Application

Music integration into BMS, Multi-room, Control of whole music/player library from touch devices

Types of product

AUDIO-DINST   Streaming Player w/o amplifier

Standards and norms compliance

EMC: EN61000-6-1
                               EN61000-6-3
PCT   Certificate

Technical data:

Power supply:	12-30V DC	
Power consumption:	1.2W	Idle mode
Connectivity:	10BaseT/100BaseTX	1
	USB2.0	1
	Line-out pairs	2
	Triggers	4 (24V DC on/off. Plays one music source, same volume on all zones except if triggered to be Off on a specific zone)
Connections:	KNX bus:	KNXnet/IP over Ethernet
	Power supply:	Clamp, 1.5mm2, up-to 8A
	IO/Triggers:	Clamp, 1.5mm2
	Line-out	1 – RCA, 1 – Screw
Operating elements	LED	1 – CPU load
		1 - Activity
Audio	Audio formats	MP3, WAV, AAC, WMA, FLAC, lossless FLAC 96/24
	Protocols supported	DLNA, UPnP, AirPlay, FTP, HTTP, KNXnet/IP, Spotify Connect
Digital to analog converter	SNR	112dB
	Dynamic range	112dB
	THD+N	0.002%

	Sampling frequency	8kHz to 384kHz
	Resolution	16, 24, 32 bit audio data
	Features	Programmable audio DSP; Selectable Digital-Filter Latency and Performance (4 types); Selectable Oversampling Rates (x1, x2, x4, x8)

Enclosure:	Material:	Polyamide
	Color:	Gray
	Dimensions:	52(W)x90(H)x51(L) mm

Operation temperature:	0C ... +45C
Storage temperature:	-15C ... +55C
Gross Weight:	109g
Warranty:	2 years

⚠️ **Caution**
Security advice

The installation and assembly of electrical equipment may only be performed by skilled electrician. The devices must not be used in any relation with equipment that supports, directly or indirectly, human health or life or with application that can result danger of people, animals or real value
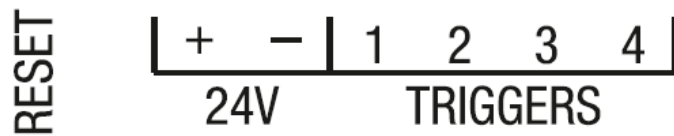
Mounting advice

The devices are supplied in operational status. The cables connections included can be clamped to the housing if required.

Electrical connection

The devices are constructed for the operation of protective low voltage (SELV). Grounding of device is not needed. When switching the power supply on or off, power surges must be avoided.
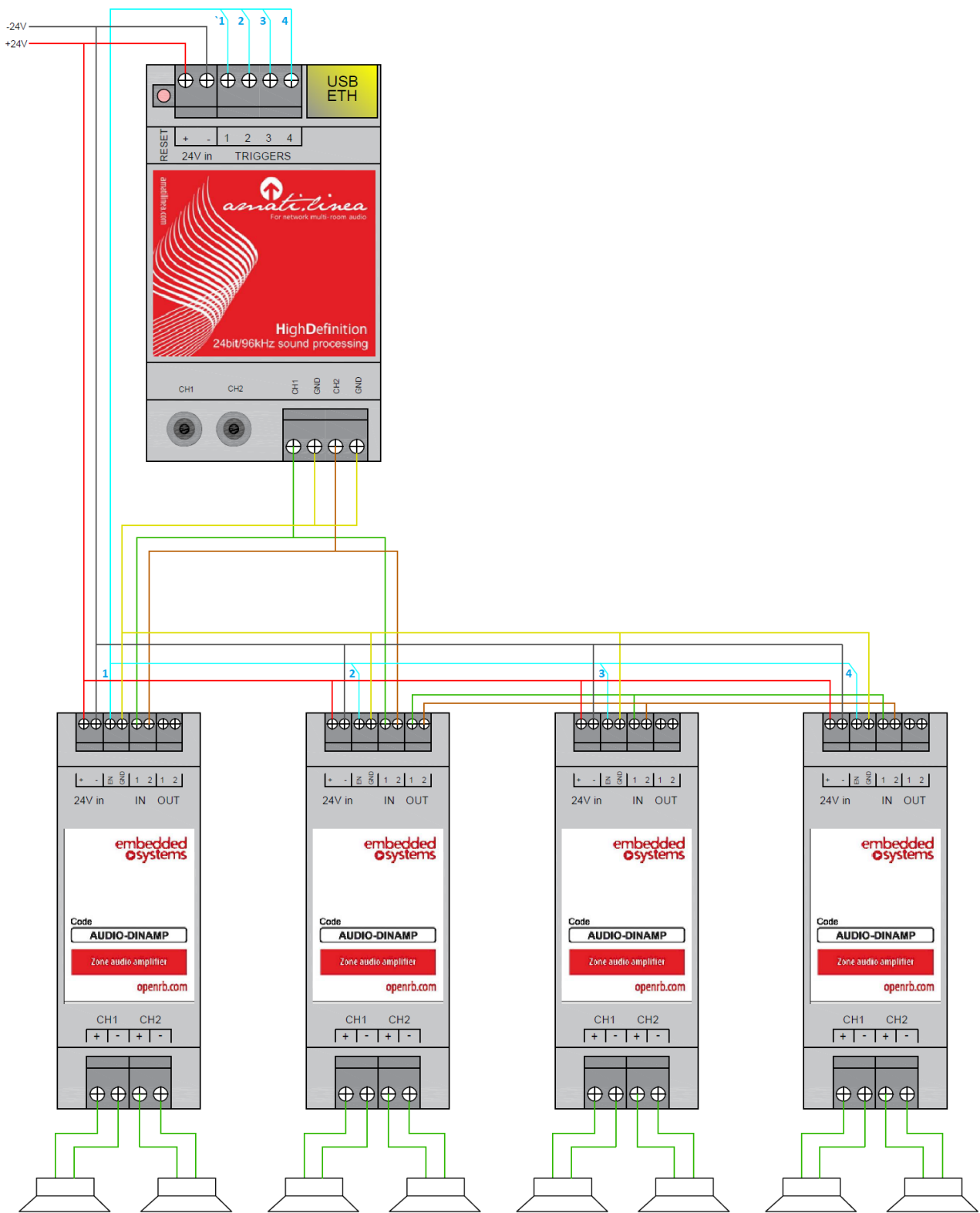
Terminal connection scheme

Top connections:

Bottom connections:

Default IP configuration

Login name (System config)	admin
Password (System config)	admin
IP address/mask	DHCP-client

The device may be used for installations in dry locations.

1. Connect Ethernet cable to LAN port (make sure the cable is interconnected with your local network)

2. Connect power supply to Streaming Player (power supply's red pole to +24V, black – GND.

3. Connect external amplifier to one of Line-out output pairs

4. To check if the wiring is done well, you can run any music file on your iPhone/iPOD and Share it to play on remote Airplay device (*amatilinea*).

5. Streaming Player is setup as DHCP-client. It uses Zero-config utility is called "Bonjour" by Apple which enables automatic discovery of computers, devices, and services on IP networks. iPod, iPhone have this utility pre-installed. For iPad use utility called **Discovery** (the server will be discovered in the service ROAP). On Windows 7 computer you can see the Player as Network share with name *amatilinea*, right click on it, Properties and you will see its IP address. Or you can simply check your DHCP server's lease list to find assigned IP to Streaming Player. More see here: http://openrb.com/discover-ip-of-logic-machine-or-streaming-player/

6. Enter Streaming Player's home page by typing IP address in your web browser.

7. DLNA/UPnP/Airplay services are enabled by default in the Streaming Player's *Quick setup*

   Depending on count of music files the device will update its local database in Audio Player menu and you can start playing songs there

8. Connect by remote user interface (also called digital media controllers) from iPOD/iPhone/iPAD (*MPoD/MPaD* or any UPnP controller apps available as freeware at App Store like *Kinsky*), Android-based phones (*Droid MPD*), PC (*Ario, Kinsky*). Choose the server (*amatilinea* or by IP) and start making your playlists, controlling the music etc. Update player's database with *Update Database* command from your remote controller. **It might take some time to do initial database update.**

9. Map music control functions to KNX in *Network config ⯈ Network ⯈ KNX Audio control* menu. Default login and password to access *Network config* is **admin / admin**

Please note that you have to **use external KNX IP Router** (e.g. Logic Machine 3) to access the KNX TP, as Streaming Player supports only KNXnet/IP (TP is not used due to sound quality distortions).