

Technical Specifications

| | |
|-----------------------------------|--|
| Power supply | 18 ... 26VDC |
| Power consumption | typ. 2.16(Standby), min. 72W power supply unit recommended |
| Power loss at max. load | 6.7W |
| Outputs | 4x Speaker out 4 ... 8Ω, sample rate: 44.1kHz 1x SPDIF out (digital, electrical), sample rate: 48kHz 1x Line-out (analog), sample rate: 44.1kHz |
| Inputs | 1x Line-in (analog), sample rate: 44.1kHz |
| Interfaces | Tree Turbo: up to 10 Tree Turbo devices, max. 150m LAN: 150Mbps, IPv4/IPv6, SSL USB 2.0: Type A, max. 500mA |
| Ambient temperature | 0 ... 50°C / 32 ... 122°F |
| Humidity | max. 95% r.H. (non condensing) |
| Safety rating | IP10 |
| Dimensions | 157x88x57mm / 6.18x3.46x2.24" (LxWxH) |
| Maintenance & Cleaning | The device is free of maintenance and may only be cleaned with a dry cloth. |

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Need Help?

loxone.com/support

Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards.

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LOXONE



Audioserver

The most flexible audio solution
for any building

Part No: 100428



About the product

The most flexible audio solution for any building. Designed for professionals.

Features

- Rich and clear sound for all speaker types
- Truly expandable using Stereo Extensions and additional Audioservers
- Flexible multiroom setup with extensive audio zone groupings
- Individual music in all rooms
- Reliable and maintenance-free
- Completely configurable with Loxone Config
- This product supports AirPlay 2 and requires iOS 11.4 or later.

Installation & electrical connection

This device must be mounted on a DIN rail in an electrical distribution housing (standard distribution) and may only be installed by qualified personnel.

Protection against electrical contact and fire protection must be provided in the final installation by the use of a standards compliant/approved housing.

To turn the unit on/off during installation and in case of failure, a separator (disconnecting device) must be present. These must be easily accessible and visible.

If the unit is used in a non-conforming manner as specified by the manufacturer the product included safeguards will be impaired.

This folder is a part of the product!

 For additional information, declaration of conformity, visit www.loxone.com/help/audioserver

Connection Line-in, Line-out, SPDIF out

| | |
|------------------------|------------------------------|
| Type | 3.5mm/ 1/8" jack |
| Temperature resistance | -25 ... 85°C / -13 ... 185°F |

Amplifier

| | |
|-------------------------------|----------------|
| Type | Class D |
| Allowed speaker impedance | 4 ... 8Ω |
| Frequency response | 20Hz ... 20kHz |
| Max. peak power (per channel) | 50W (x4) |
| Max. RMS power (per channel) | 18W (x4) |

Music Playback

| | |
|-----------------------|--|
| Streaming | AirPlay 2, Spotify, TuneIn, internet streaming services, NAS |
| External sources | Line-in (analog) |
| Compatible USB Drives | USB Flash drives: FAT32/NTFS, single partition, max. 2TB USB Harddrives: FAT32/NTFS, single partition, max. 2TB, max. 500mA power consumption |
| Audio-files | MP3, AAC, ALAC, Flac, WMA, WMA lossless, WAV, M4A, OGG |
| Sample rate | up to 192kHz |

Connection Power Supply, 4x speaker

| | |
|---------------------------|--|
| Wire cross-section | 1 ... 2.5mm ² / AWG17 ... 12 |
| Stripping length | 6 ... 7.5mm / 0.24 ... 0.30" |
| Torque of terminal blocks | 0.5 ... 0.6Nm / 0.37 ... 0.44 lbf ft |
| Temperature resistance | min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL, |

Connection Tree Turbo

| | |
|------------------------|--|
| Wire cross-section | 0.25 ... 0.8mm ² / AWG23 ... 18 |
| Stripping length | 5mm / 0.2" |
| Temperature resistance | -40 ... 105°C / -40 ... 221°F |

