

## Technical Specifications

<b>Power supply</b>	18 ... 26VDC
<b>Power consumption</b>	typ. 2.16(Standby), min. 72W power supply unit recommended
<b>Power loss at max. load</b>	6.7W
<b>Outputs</b>	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
<b>Inputs</b>	1x Line-in (analog), sample rate: 44.1kHz
<b>Interfaces</b>	<b>Tree Turbo:</b> Connect up to 10 Stereo Extensions, up to 150m wire length <b>LAN:</b> 100Mbps, IPv4/IPv6, SSL <b>USB 2.0:</b> Type A, max. 500mA
<b>Ambient temperature</b>	0 ... 50°C / 32 ... 122°F
<b>Humidity</b>	max. 95% r.H. (non condensing)
<b>Safety rating</b>	IP10
<b>Dimensions</b>	157x88x57mm / 6.18x3.46x2.24" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	The device is free of maintenance and may only be cleaned with a dry cloth.

# LOXONE

# Need Help?

[loxone.com/support](https://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.

Apple and AirPlay are trademarks of Apple Inc., registered in the U.S. and other countries.

**Loxone  
Electronics GmbH**  
Smart Home 1  
4154 Kollerschlag  
Austria

**Loxone UK**  
The Forum  
Station Road  
Theale, RG7 4RA  
United Kingdom

V010324



# 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](http://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	<b>USB Flash drives:</b> FAT32/NTFS, single partition, max. 2TB <b>USB Harddrives:</b> 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 <sup>2</sup> / 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 <sup>2</sup> / AWG23 ... 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 ... 105°C / -40 ... 221°F

