

Technical Specifications

Power supply	18 ... 26VDC
Power consumption	typ. 2.16W(idle), max. 162.7W peak, min. 72W power supply unit recommended
Power loss at max. load	6.7W
Outputs	4x Speaker out 4 ... 8Ω 1x SPDIF out (digital, electrical) 1x Line-out (analog)
Inputs	1x Line-in (analog)
Interfaces	Tree Turbo: Connect up to 10 Stereo Extensions, up to 150m wire length LAN: 100Mbps, 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.
Connection Line-in, Line-out, SPDIF out	
Type	3.5mm/ 1/8" jack
Temperature resistance	-25 ... 85°C / -13 ... 185°F

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Audioserver

The most flexible audio solution
for any building

Part No: 100428

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V070920



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

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

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	Spotify, TuneIn, internet streaming services, NAS
External sources	Line-in (analog)
Compatible USB Drives	USB Sticks: FAT32, single partition, max. 512GB USB Harddrives: FAT32/NTFS/EXT3/EXT4, max. 1TB, max. 500mA
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

