



For more information
about this product, visit
loxone.com/help/tree-to-air-bridge

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V130826



Tree to Air Bridge

Part No.: 100451

LOXONE

About the product

The LOXONE Tree to Air Bridge enables the integration of Air devices into a Tree network. It can also be used to extend the wireless coverage of LOXONE Air. The connection is made via the Tree interface.

Features

- Supports up to 128 LOXONE Air devices
- Integrated Air antenna

Electrical Specifications

Supply Voltage	12 ... 28 V DC
Power Consumption	typ. 0.17 W, max. 0.25 W
Power Loss at Max. Load	max. 0.25 W

Interfaces

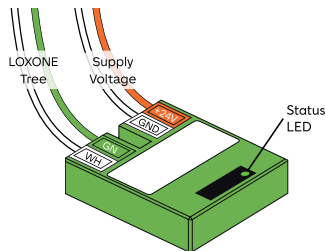
LOXONE Tree	connection with Miniserver / Tree Extension
LOXONE Air	868 MHz (SRD Band Europe), 4 channels, max. 15.1 mW e.r.p. 915 MHz (ISM Band Region 2), 10 channels, max. 13.2 mW internal antenna

Ambient Conditions

Temperature	-40 ... 70 °C / -40 ... 158 °F
Humidity	max. 95 % RH (non-condensing)
Ingress Protection	IP20

24 V DC & LOXONE Tree Terminals

Wire cross-section	0.28 ... 0.8 mm ² / AWG 23 ... 18
Stripping length	5 ... 6 mm / 0.2 ... 0.24"
Temperature resistance	-40 ... 105 °C / -40 ... 221 °F



Information

Contains FCC ID: 2ARRV-000375

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.



Safety Instructions

Installation must be carried out by a qualified electrician in accordance with applicable regulations, including electrical and fire safety requirements. If the device is not installed according to the manufacturer's guidelines, the protection provided by the device may be impaired.

This device is maintenance-free and must only be cleaned with a dry cloth.