

## Technical Specifications

<b>Power supply</b>	12 ... 28VDC
<b>Power consumption</b>	typ. 0.17W, max. 0.25W
<b>Power loss at max. load</b>	max. 0.25W
<b>Interfaces</b>	Loxone Tree: connection with Loxone Miniserver / Tree Extension  Loxone Air: 868MHz (SRD Band Europe), 4 channels available max. Power 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels available max. Power 13.2mW
<b>Ambient temperature</b>	-40 ... 70°C / -40 ... 158°F
<b>Humidity</b>	max. 95% r. H. (non condensing)
<b>Safety rating</b>	IP20
<b>Dimensions</b>	38.3x34.3x10.5mm / 1.50x1.35x0.41" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	The device is free of main- tenance and may only be cleaned with a dry cloth.

# LOXONE

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For additional information,  
declaration of conformity, visit  
[www.loxone.com/datasheets](http://www.loxone.com/datasheets)



# LOXONE



## Tree to Air Bridge

Part No: 100451

V151122

## About the product

The Loxone Tree to Air Bridge is used to integrate various devices that are equipped with the Loxone Air wireless technology. It is connected via the Tree interface.

## Features

- Can handle up to 49 Air devices (one Air device is counted as one Tree device on this Tree branch)
- Compact design with an integrated antenna

## Installation

The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturers guidelines the protection of the device may be affected.

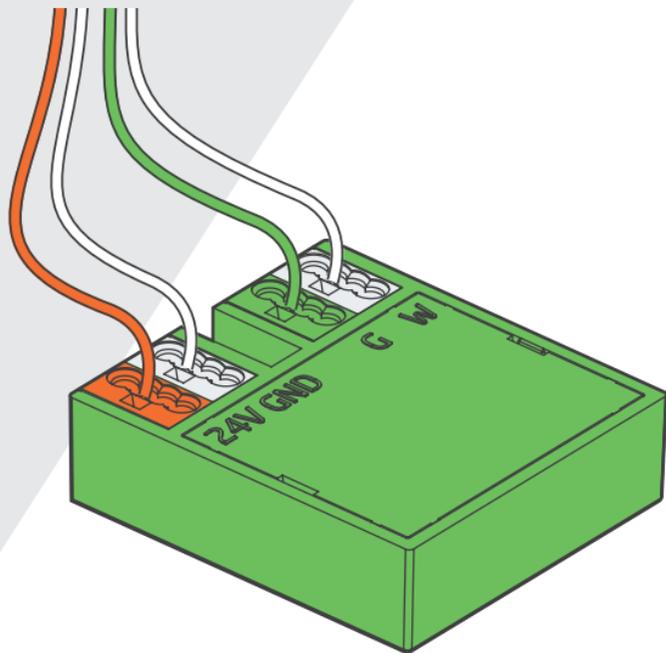
This folder is a part of the product!



For additional information, declaration of conformity, visit [www.loxone.com/help/treetoairbridge](http://www.loxone.com/help/treetoairbridge)

## Connection

<b>Wire cross-section</b>	0.25 ... 0.8mm <sup>2</sup> / AWG23 ... 18
<b>Stripping length</b>	5mm / 0.2"
<b>Temperature resistance</b>	-40 ... 105°C / -40 ... 221°F
<b>Orange / White</b>	+24VDC / GND
<b>Green / White</b>	Loxone Tree



## 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