

Abs.: Loxone Electronics GmbH · Smart Home 1 · 4154 Kollerschlag

Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Kollerschlag, 8. February 2019

RE FCC ID: 2ARRV-000376

To the certification reviewer:

We are hereby applying for limited modular approval of the above-referenced FCC ID, based on compliance with all of the criteria as detailed below.

Sincerely,


Johannes Urlhardt
Project Manager

Part 15 Unlicensed Single Modular Transmitter Approval Justification per 15.212

Requirement per 15.212	reference	Comply (Y/N)
(i) The radio elements of the modular transmitter must have their own RF shielding.	Shielding is provided by a metal cover over the circuitry.	Y
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	All modulation and data inputs are buffered by circuitry on the transmitter chip.	Y
(iii) The modular transmitter must have its own power supply regulation.	Power supply regulation is provided by circuitry on the transmitter chip.	Y
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	The application is intended for professional installation only. The supported antenna types are listed in the modules users manual.	Y
(v) The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with Part 15 parameters.	Testing was performed with the module extended outside of the host on a special extender board, as shown in the test setup photos.	Y
(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. If the FCC ID	A drawing of the host label is provided as an exhibit.	Y

	is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.		
(vii)	The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.	Refer to the Loxone Air Cpu-Modul User Manual	Y
(viii)	The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	Refert to SAR Exclusion Caclulation	Y