

Technical Parameters

Conditions & Installation

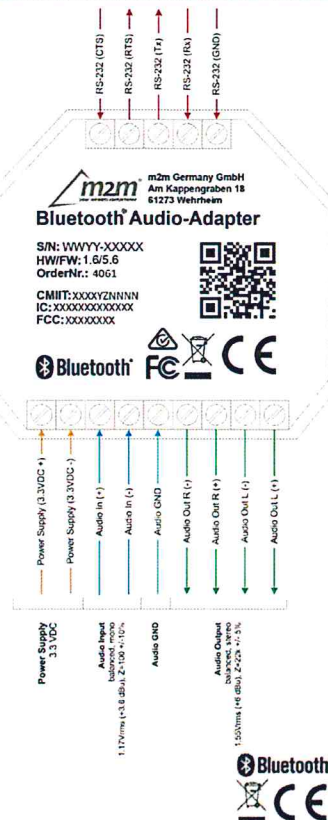
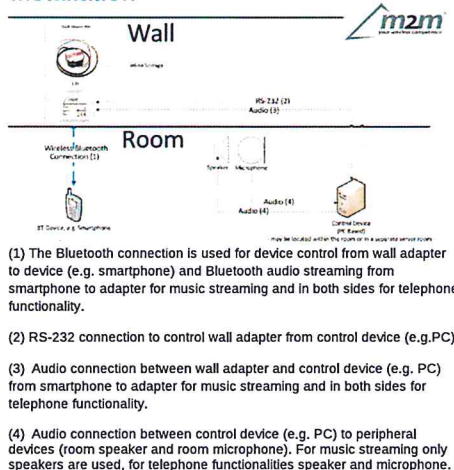
Connection Diagram

Bluetooth	- Bluegiga Technologies (Silicon Labs) WT32i-A - Bluetooth 3.0 - Bluetooth class 1 radio - Profiles: A2DP, AVRCP 1.5, HFP 1.6, and HSP - A2DP streaming up to 50 meter
Audio Output	- Signal type: Balanced, stereo - Audio level: 1.55Vrms, Z=22k +/-5% - Connectors: Out R (+/-), Out L (+/-), GND
Audio Input	- Signal type: Balanced, mono - Audio level: 1.17Vrms, Z=100 +/-10% - Connectors: In (+/-), GND (shared)
Control	- Signal type: RS-232 UART - Connectors: Rx, Tx, RTS, CTS, GND
Power supply	- Supply Voltage: 3.3 VDC for Bluetooth Audio-Adapter - Connectors: 3.3 VDC (+), 3.3 VDC (-) - Power supply for 100-240 VAC (50/60 Hz)
Dimensions	- Bluetooth Audio-Adapter: 53 x 48 x 23 mm (W x H x D) - Power Supply: 51 x 48 x 24 mm (W x H x D) - Bluetooth Audio-Adapter and Power Supply can be installed in 1 gang/flush mount box with blind plate
Scope of Delivery	- Bluetooth Audio-Adapter - Power Supply - Brief product description - Packaging

Bluetooth Audio Adapter	Operation	Storage	Shipping
Temperature	-40 – 85°C	-40 – 85°C	-40 – 85°C
Humidity (non-condensing)	5 – 80%	5 – 90%	5 – 90%

Power Supply	Operation	Storage	Shipping
Temperature	-25 – 50°C	-40 – 85°C	-40 – 85°C
Humidity (non-condensing)	5 – 80%	5 – 90%	5 – 90%

Installation



Konformitätserklärung / Declaration of Conformity

Hiermit erklärt m2m Germany GmbH die Übereinstimmung des Gerätes BT Audio Adapter mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinien:

Richtlinie 1999/5/EG des Europäischen Parlaments und den Bestimmungen vom 9. März 1999 über Funkanlagen und Telekommunikationsendrichtungen und die gegenseitige Anerkennung ihrer Konformität.

Richtlinie 2004/108/EG des Europäischen Parlaments und den Bestimmungen vom 15. Dezember 2004 zur Angleichung der Rechtsvorschriften der Mitgliedstaaten über die elektromagnetische Verträglichkeit.

Richtlinie 2006/95/EG des Europäischen Parlaments und den Bestimmungen vom 12. Dezember 2006 zur Angleichung der Rechtsvorschriften der Mitgliedstaaten betreffend elektrische Betriebsmittel zur Verwendung innerhalb bestimmter Spannungsgrenzen.

Richtlinie 2011/65/EU des Europäischen Parlaments und des Rates vom 8. Juni 2011 zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten

Verordnung (EG) Nr. 278/2009 der Kommission vom 6. April 2009 zur Durchführung der Richtlinie 2005/32/EG des Europäischen Parlaments und den Bestimmungen im Hinblick auf die Festlegung von Ökodesign-Anforderungen an die Leistungsaufnahme externer Netzteile bei Nulllast sowie ihre durchschnittliche Effizienz im Betrieb.

Hereby, m2m Germany GmbH, declares that this BT Audio Adapter is in compliance with the essential requirements and other relevant provisions of the following Directives:

Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies.

FCC and IC declaration

This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications made to this equipment not expressly approved by m2m Germany GmbH may void the FCC authorization to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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- Technical Parameters
- Conditions
- Installation
- Connection Diagram

