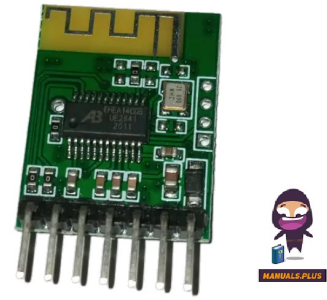**Manuals+** — User Manuals Simplified.

Digilog
JXS4.0-BM4.0
Bluetooth
Circuit Board

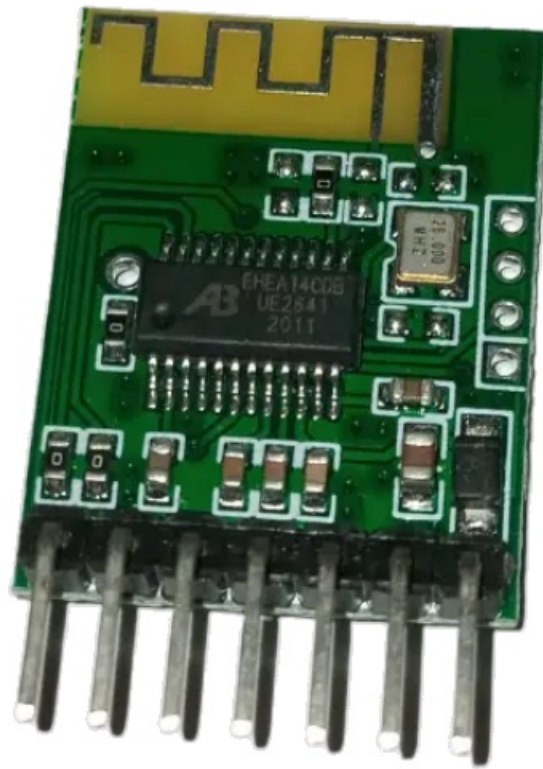# Digilog JXS4.0-BM4.0 Bluetooth Circuit Board User Manual

Contents

Digilog

Digilog JXS4.0-BM4.0 Bluetooth Circuit Board

Specifications

- **Model:** JXS4.0-BM4.0
- **Supply Voltage:** 24VDC-30VDC
- **Power Supply Current:** 1A
- **Power:** 12W
- **Connection Distance:** 0-5m

Product Information

The JXS4.0-BM4.0 Bluetooth circuit board is designed to be installed inside a massage chair or other massager. It enables wireless audio transmission by connecting the device's DC24V power supply to the circuit board and linking a speaker or amplifier.

To use the Bluetooth feature, users need to enable Bluetooth on their phone and search for the built-in Bluetooth device named "AMY" in the JXS4.0-BM4.0 to play music or transmit audio wirelessly.

Control Board Parameters

- **Control Board Size:** 27mmx43mm
- **Working Temperature:** -30°C to +60°C
- **Bluetooth Name:** AMY
- **Bluetooth Signal Parameters:**
    - **Modulation Mode:** GFSK/4-DQPSK
    - **Frequency Range:** 2400-2483.5MHz
    - **Occupying Bandwidth:** 2MHz
    - **Transmission Power:** 20dBmEIRP

Product Usage Instructions

Installation

1. Ensure the massage chair or massager is powered off and unplugged.
2. Locate the JXS4.0-BM4.0 Bluetooth circuit board and connect the DC24V power supply to it.
3. Connect the speaker or amplifier to the circuit board for audio output.

Bluetooth Pairing

1. Turn on Bluetooth on your phone.
2. Search for the Bluetooth device named "AMY" within the Bluetooth settings.
3. Pair your phone with the "AMY" device for wireless audio transmission.

Audio Transmission

1. Once paired, play music or audio on your phone.
2. The audio will be wirelessly transmitted to the connected speaker or amplifier through the JXS4.0-BM4.0 circuit board.

Product Introduction

The JXS4. 0-BM4. 0 Bluetooth circuit board is installed inside a massage chair or other massager. By connecting the device's DC24V power supply to the circuit board and connecting the speaker (speaker or amplifier), wireless audio transmission can be achieved. By enabling Bluetooth on the phone, search for the built-in Bluetooth device (Bluetooth name:

Introduction to Control Roard Parameters

- **model** JXS4.0-BM4.0
- **Supply voltage** 24VDC-30VDC
- **Power supply** current 1A
- **power** 12W
- **Connection distance** 0-5m
- **Connection speaker specifications:** 4Ω 5W
- **Control board** size 27mmx43mm
- **working temperature –**30℃ +60℃Bluetooth name AMY

Bluetooth signal parameters

- **modulation mode:** GFSK л/4-DQPSK
- **frequency range:** 400-2483.5MHz
- **Occupying bandwidth:** ≤2MHz
- **Transmission power:** ≤20dBm EIRP

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC

NOTE:
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.

FCC Statement

This equipment has been tested and found to comply withthelimits for a Class B digital device, pursuant to part 15 oftheFCC Rules. These limits are designed to provide reasonableprotection against harmful interference in a residentialinstallation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and usedinaccordance with the instructions, may cause harmfulinterference to radio communications. However, there isnoguarantee that interference will not occur in a particularinstallation. If this equipment does cause harmfulinterference to radio or television reception, which canbedetermined by turning the equipment off and on, the user is encouraged to try to correct the interference by one ormoreof the following measures:

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

The equipment complies with FCC Radiation exposurelimitset forth for uncontrolled environment. This equipment shouldbe installed and operated with minimum distance 20cm betweenthe radiator and your body

Frequently Asked Questions

- **Can I use the JXS4.0-BM4.0 with any massage chair or massager?**
    - The JXS4.0-BM4.0 Bluetooth circuit board is designed for compatibility with most massage chairs and massagers that support its power requirements and speaker connections.
- **How do I know if the Bluetooth connection is successful?**
    - If you can locate and pair with the "AMY" device on your phone's Bluetooth settings, the connection is successful, allowing you to wirelessly transmit audio.
- **What is the recommended operating temperature range for the JXS4.0-BM4.0?**
    - The control board is designed to operate within a temperature range of -30°C to +60°C for optimal performance and longevity.
- **Is there a specific distance requirement for positioning the equipment?**
    - To comply with FCC regulations, maintain a minimum distance of 20cm between the radiator (equipment) and your body during installation and operation.

Documents / Resources

[Digilog JXS4.0-BM4.0 Bluetooth Circuit Board](#) [pdf] User Manual
JXS40-BM40, 2BK3VJXS40-BM40, JXS4.0-BM4.0 Bluetooth Circuit Board, JXS4.0-BM4.0, Bluetooth Circuit Board, Circuit Board, Board

References

- **[User Manual](#)**