

VHM-314 Bluetooth 5.0 MP3 Audio Receiver Module



VHM-314 BT Audio Receiver board BT 5.0 mp3 lossless decoder board
Wireless Stereo Music Module 3.7-5V. Parameter characteristics Power
Supply 3.7-5V SNR 90dB THD+N -70dB Crosstalk -86dB DNR 91dB
Support Profile A2DP/AVCTP/AVDTP/AVRCP/HFP LOS >15m 2. Interface
details USB powered Universal Micro USB 5V power supply 3.7-5V
Supply Pad External 3.7-5V lithium battery power conversion LED

indicator Bluetooth mode long blue light 3.5mm stereo audio interface Standard 3.5mm interface, output stereo sound source, plug in headphones, connect amplifiers and other devices Instructions: After the power is turned on, the blue indicator lights up and enters the Bluetooth mode; the English "The bluetooth device is ready to pair" is displayed, indicating that the Bluetooth mode is entered and waiting for pairing; the "XY_BT" searched by the mobile phone Bluetooth is the device name of the decoding board. , Click on the connection, the decoder board prompts "The bluetooth device is connected successfully", indicating that the decoder board and the mobile phone are connected successfully, you can play music. As shown below Package Contents: 1X 3.7-5V Mini Bluetooth MP3 Decoder Board Power amplifier Board Bluetooth 5.0 VHM-314 V1.0. SHarvielectronics Tags, Amplifier, Audio Amplifier, Audio signal Amplifier, Digital Amplifier, Mono Channel Digital Amplifier, Mono Digital Amplifier, Dual Power Amplifier, Dual Amplifier, TPA3110 module, TPA3118, TPA3116D2, TPA3116D2 Amplifier, TPA3116D2 Dual Amplifier, TPA3116D2 Amplifier, Audio Amplifier Module, Bluetooth 5.0 Audio Receiver Module Board, VHM-314 Wireless Stereo Music Module Board, VHM-314, VHM314.

Features:

- **Bluetooth 5.0:** Enjoy seamless connectivity with Bluetooth 5.0 technology. Pair your phone, tablet, or computer effortlessly and stream music wirelessly.
- **Lossless Audio:** The module supports various audio formats, including WAV, APE, FLAC, and MP3. Experience clear, lossless sound quality.
- **Easy Integration:** With a standard 3.5mm interface, it's easy to connect headphones, amplifiers, or other devices. Simply plug and play!
- **Compact Design:** The black VHM-314 board measures approximately 30x30mm, making it suitable for space-constrained projects.

- **Micro USB Power:** Power it up with a DC 3.7~5V supply via micro USB.

Interface Details:

- **3.5mm stereo audio interface** Standard 3.5mm interface, output stereo sound source, plug in headphones, connect amplifiers and other devices
- **USB powered Universal Micro USB 5V power supply**
- **3.7-5V Supply Pad External 3.7-5V lithium battery power conversion**
- **LED indicator Bluetooth mode long blue light**

Features/Specs:

- **Bluetooth Version:** Bluetooth 5.0
- **Operating Voltage:** 3.7V to 5V
- **Frequency Response:** 20Hz ~ 20kHz
- **SNR (Signal-to-Noise Ratio):** ≥ 90 dB
- **THD (Total Harmonic Distortion):** $\leq 0.1\%$
- **Audio Decoding Formats:** MP3, WAV, FLAC, APE
- **Output Interface:** 3.5mm Stereo Jack
- **Transmission Distance:** Up to 15 Meters (in open space)
- **Power Consumption:** Low Power Consumption
- **Length:** 30 mm
- **Width:** 30 mm
- **Height:** 10 mm
- **Weight:** 10 gm

Applications:

- **In robots that speak or generate sounds to indicate activities**

- **Portable Speakers**
- **LCD Monitors / TV Projectors**
- **Arduino or Raspberry Pi Game Machines**
- **Speaker Phones**

Package Includes:

- **1 X VHM-314 Bluetooth 5.0 MP3 Audio Receiver Module**

Note: Product Images are shown for illustrative purposes only and may differ from the actual product.