

BT303-45236

UGREEN Bluetooth Audio Receiver | Transmitter

Features

Plug-and-Play USB-A Design

Features a direct USB-A connector for instant use—no drivers or setup needed, making it easy to use in cars, home audio systems, and more.

0.96" OLED Display for Intuitive Control

Equipped with a high-resolution OLED screen that clearly shows working status, volume, and connected devices—simplifying operation and enhancing user experience.

Dual-Mode: Receiver & Transmitter

Functions as both a Bluetooth receiver and transmitter, enabling versatile wireless audio solutions for 3.5mm input/output devices.

Dual-Device Connectivity in Both Modes

Supports simultaneous pairing with two Bluetooth devices in both RX and TX modes for flexible multi-device use.

Built-in Microphone for Hands-Free Calls

In receiver mode, users can take calls directly through the device using the built-in microphone—ideal for in-car hands-free use.



Specifications

- *Frequency Band: 2400MHz-2483.5MHz
- *Max.RF Output Power: 4dBm(EIRP)
- *Transmission Distance: 10m/33ft (no blocking)
- *Bluetooth Profile: A2DP/AVRCP/HSP/HFP
- *Codecs: RX: SBC/AAC; TX: SBC
- *Frequency Response: 20Hz-20kHz
- *Output Level (Receiving): $\leq 0.65V_{rms}$ $RL=100k\Omega$
- *Input Level (Transmitting): $\leq 1V_{rms}$
- *SNR: $\geq 90dB$ A-wt.
- *THD+N: $\leq 0.1\%$ (no load)
- *Audio Port: 3.5mm
- *Power Supply Port: USB-A"

EU DECLARATION OF CONFORMITY

Manufacturer Name	Ugreen Group Limited
Address	Ugreen Building,Longcheng Industrial Park,Longguanxi Road,Longhua,Shenzhen,China
EU Authorized Representative Name	Ugreen Group GmbH
Address	Prinzenallee 1, 40549 Düsseldorf, Germany

We, Ugreen Group Limited, declare under our sole responsibility that the following product:

Product Name	Bluetooth Audio Receiver Transmitter
Model Number	BT303
SKU	45236

Is in conformity with the following EU directives requirements:
Directive 2014/53/EU RED(Radio Equipment Directive)

Certificate No.: BL-SZ24A0450D01
Issued by: Shenzhen BALUN Technology Co., Ltd.
Address: Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, ShenZhen, GuangDong Province, P. R. China 518055.

Directive 2011/65/EU RoHS (Restriction of the use of certain Hazardous Substances)

Test Report number : BCTC2410182708-1R
Issued by: Shenzhen BCTC Testing Co., Ltd.
Address: 1-2/F., Building B, Pengzhou industrial Park, No.158, Fuyuan 1st Road, Zhancheng, FuhaiSubdistrict, Bao'an District, Shenzhen, Guangdong, China

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals(3)

Test Report number:BCTC2410759955-1R
Issued by: Shenzhen BCTC Testing Co., Ltd.
Address: 1-2/F., Building B, Pengzhou industrial Park, No.158, Fuyuan 1st Road, Zhancheng, FuhaiSubdistrict, Bao'an District, Shenzhen, Guangdong, China

POPs (EU)2019/1021 (persistent organic pollution) SCCP&HBCDD

Test Report number : BCTC2410182708-3R
Issued by: Shenzhen BCTC Testing Co., Ltd.
Address: 1-2/F., Building B, Pengzhou industrial Park, No.158, Fuyuan 1st Road, Zhancheng, FuhaiSubdistrict, Bao'an District, Shenzhen, Guangdong, China

References to the relevant standards used or references to the specifications in relation to which conformity is declared:

IEC 62368-1: 2018

EN IEC 62368-1: 2020+A11: 2020

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-17 V3.2.4 (2020-09)

EN 55032:2015+A1:2020

EN 55035:2017+A11:2020

EN IEC 61000-3-2: 2019+A1:2021

EN 61000-3-3: 2013+A2:2021

ETSI EN 300 328 V2.2.2 (2019-07)

EN 62479:2010

EN 50663:2017

IEC 62321

ECHA SVHC

ISO 18219-1:2021

IEC 62321-9:2021

Under Article 33 of EU REACH Regulation (1907/2006), Ugreen Group Limited have reviewed our products for the presence of the two hundred and forty-two (242) SVHC substances on the EU SVHC Candidate List as of November 7, 2024. No SVHCs were present in product indicated above, in excess of 0.1% by weight.

This determination is based on engineering evaluation, testing, and supplier declarations and is correct to the best of Ugreen Group Limited's knowledge.

Authorized person for technical documentation:

Name: Chi yang

Position: Manager

Date of issue: December 13, 2024

Signature of authorized Person:

