

CM872-45812

UGREEN Bluetooth Audio Receiver/Transmitter

Features

2-in-1 Receiver & Transmitter

Supports both receiving and transmitting modes, making it suitable for various scenarios like home audio, in-car systems, and flights.



Bluetooth 5.4 Chipset

Equipped with the latest Bluetooth 5.4 for faster pairing, low latency, and more stable connections.

Long Battery Life

Offers up to 18 hours of use in RX mode and 16 hours in TX mode—perfect for extended listening or travel.

Dual-Device Pairing

Both receiver and transmitter modes support simultaneous connection with two Bluetooth devices.

Hands-Free Calling Supported

Receiver mode allows phone call functionality, providing a seamless hands-free experience.

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): $\leq 650\text{mVrms}$ RL=100k Ω

*Input Level (Transmitting): $\leq 0.75\text{Vrms}$

*SNR: $\geq 93\text{dB}$ A-wt.

*THD+N: $\leq 0.1\%$ (no load)

*Mic Sensitivity: $-42\pm 2\text{dB}$ (0dB=1V/Pa)

*Audio Port: 3.5mm

*Charging Port: USB-C

*Battery Type: Polymer lithium-ion battery

*Battery Capacity: 300mAh 3.7V(1.11Wh)

*Limited Charging Voltage: 5.25V==

*Charging Time: About 2 hours

*Operating Time: TX: About 16 hours; RX: About 18 hours"

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	CM872
SKU	45812 45812EU 45812UK 45812US 45812JP 45812CN 45812KC 45812A 45812B 45812C 45812P 45812X 45812U

Is in conformity with the following EU directives requirements:

Directive 2014/53/EU RED(Radio Equipment Directive)

Certificate number : BL-SZ2531198D01

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 :BCTC2504873905-1R

Issued by: Shenzhen BCTC Testing Co., Ltd.

Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, 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:BCTC2504903324-1R

Issued by:Shenzhen BCTC Testing Co., Ltd.

Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong China

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

Test Report number : BCTC2504873905-4R

Issued by:Shenzhen BCTC Testing Co., Ltd.

Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road,

Zhancheng, Fuhai Subdistrict, 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 Two hundred and forty-seven (247) SVHC substances on the EU SVHC Candidate List as of January 21, 2025. One SVHC 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: April 23, 2025

Signature of authorized Person:

