

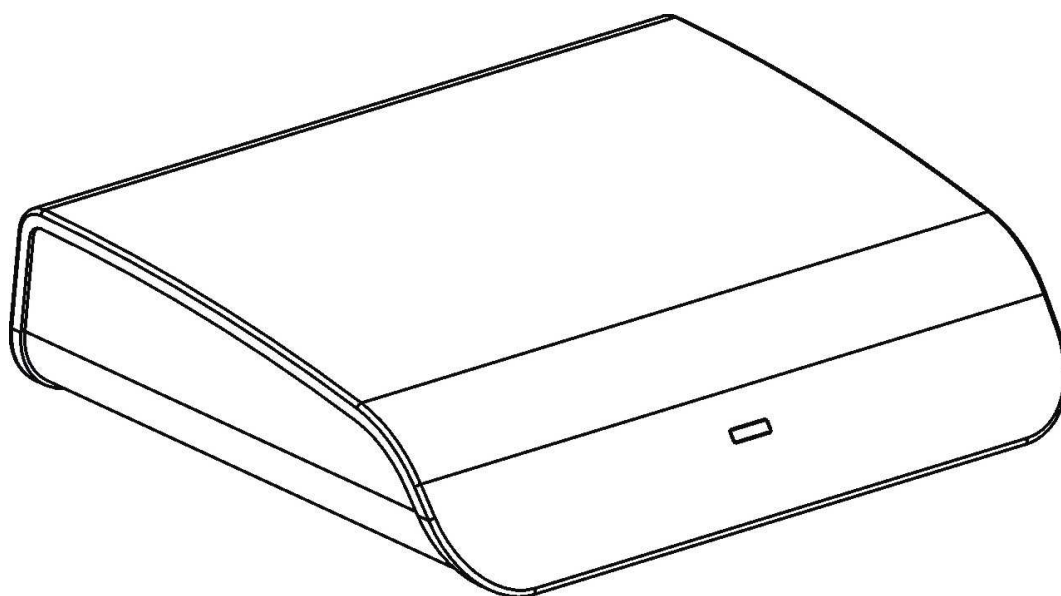
LINDY®

CONNECTION PERFECTION

Bluetooth 3.0 Audio Receiver Pro

User Manual

English



No. 20406

www.lindy.com

CE

FCC

Tested to Comply with
FCC Standards
For Home and Office Use!

Introduction

Thank you for purchasing the LINDY Bluetooth 3.0 Audio Receiver Pro. This device adds Bluetooth capabilities to any HiFi or speaker system with analogue or digital inputs and delivers high fidelity wireless audio directly to your audio system.

Compatible with modern Bluetooth enabled Smartphones, computers and devices, built in aptX® codec, Bluetooth 3.0 and TosLink / Optical Digital Audio output all help retain the full integrity of the source audio, ensuring the sound is optimised for instant real-time playback comparable to having a direct hardwired connection with your source device.

With a maximum range of up to 10m and a simple Bluetooth or NFC pairing setup, the Bluetooth 3.0 Audio Receiver Pro is ideal for anyone wanting to make the most of their digital audio experience.

Package Contents

- Bluetooth 3.0 Audio Receiver Pro
- 3.5 mm cable
- 3.5mm to 2x RCA Phono cable
- USB to DC power cable
- LINDY Manual

Features

- aptX® codec support
- NFC Quick link support
- SBC codec support
- A2DP Bluetooth profile support
- 10m effective range
- Optical audio output - Digital
- 3.5mm audio output - Analogue
- 8 source device ID memory

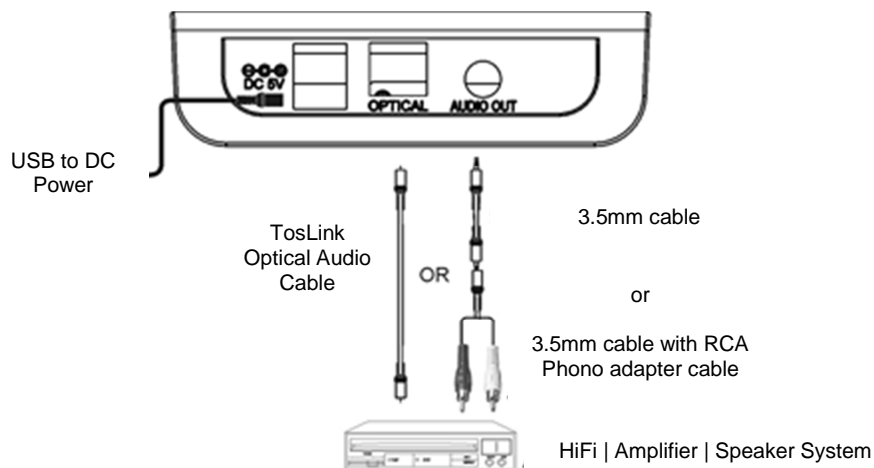
Specification

- Class 2 Bluetooth 3.0 +EDR with A2DP / IOPT
- Bluetooth Frequency: 2.402-2.480GHz
- Supported Codecs: aptX®, SBC
- Supports multiple pairing for up to 8 source devices
- Audio output: 1 x 3.5mm female, 1 x TosLink / Optical Digital audio
- Signal To Noise Ratio: ≥ 90dB
- aptX ® available for high quality stereo audio over Bluetooth
 - Compression ratio: 4:1
 - Max Data Rates: 352kbps
 - Frequency Response: 10Hz to 22kHz
 - Algorithmic Delay: <1.89ms @ Fs 48KHz.
 - Dynamic Range: 16-bit: >92dB
 - THD+N: -68.8dB
- Power Consumption: < 1.5W
- Chipset CSR: BC05MM (BlueCore5™ Multimedia)
- Weight: 60 grams
- Operation temperature: -10°C ~ +55°C, Storage temperature: -20°C ~ +60°C

Note - When aptX® is not available, the Bluetooth Audio Receiver Pro will pare down to SBC codec

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Installation



Digital connection (recommended)

1. Connect one end of a TosLink / Optical Digital Audio cable (sold separately) to the Optical Audio Out socket of the Bluetooth Audio Receiver Pro
2. Connect the other end of the TosLink / Optical Digital Audio cable to the Optical Input of your home stereo system

Analogue connection

1. Connect one end of the included 3.5mm audio cable to the Audio Out socket of the Bluetooth Audio Receiver Pro
2. Connect the other end of the cable to an analogue Audio Input on your home stereo system or speakers

Connect the USB to DC cable to the DC input socket of the Bluetooth Audio Receiver Pro and connect this to a USB power outlet or USB power adapter. The LED light will flash once to show the unit is powered and ready to be paired with your source devices.

Operation

Pairing the Bluetooth Audio Receiver Pro

1. Activate your source device's Bluetooth
2. Search for available devices
3. "Music Receiver" will appear in the list of available devices
4. Click to Pair & Connect to the "Music Receiver". If a PIN is required enter "0000" when asked
5. Your source device will be connected to the Bluetooth Audio Receiver Pro, the Receiver's indicator LED will remain illuminated and you can start playing audio from your device

Pairing via NFC – for devices with NFC capabilities only

1. Start the NFC function on your device
2. TAP your source device on the top of the LINDY Bluetooth Audio Receiver Pro
3. A connected message will appear on your source device, the Receiver's indicator LED will remain illuminated and you can now play audio

Reconnecting your device

The effective range of Bluetooth Audio Receiver Pro is 10m (line of sight). If you hold or wear the source device or cover the Bluetooth antenna, this distance will be shortened.

If you move out of range, or turn off the Bluetooth feature on your source device, the Bluetooth Audio Receiver Pro will be automatically disconnected. In this situation the LED indicator light will go OFF, showing the connection between the source device and the Bluetooth Audio Receiver Pro has been lost.

To reconnect, simply open the Bluetooth manager on your source device and tap on the "Music Receiver", the connection will be re-established automatically. You do not need to input a PIN when reconnecting.

Adding New & Additional devices

Although the Bluetooth Audio Receiver Pro can only play audio from one source device at a time, it is capable of being paired with up to 8 source devices at one time.

If you want to use and switch between multiple source devices, follow these steps

1. End the existing Bluetooth connection with the initial connected source device
2. Once clear the Bluetooth Audio Receiver Pro will be free to connect with another source device
3. Follow the section "Pairing the Bluetooth Audio Receiver Pro" to connect a new source device

Troubleshooting

If you plan for the Bluetooth Audio Receiver Pro to be unused for extended periods of time it is advised that you unplug its power supply and disconnect any external connections

- 1) To avoid a lost connection
 - Keep your source devices in range of the Bluetooth Audio Receiver Pro, - 10m
 - Make sure there is a clear line of sight between the Bluetooth Audio Receiver Pro and source device and that there no obstructions in the way
 - If the connection is lost for less than 15 seconds, it will automatically be re-established when your source device comes in range and the LED indicator will turn on
 - If the connection is lost for more than 15 seconds, you will need to reconnect the source device and Bluetooth Audio Receiver Pro again. Please follow the "Reconnecting your device" section
 - 2) If no audio plays from your connected speakers
 - Make sure the Bluetooth Audio Receiver Pro is powered on – the indicator light should flash intermittently
 - Make sure the audio cable or optical audio cable is correctly and firmly connected to Bluetooth Audio Receiver Pro
 - Make sure that the audio source selection of your amplifier matches your audio connection (analogue audio or optical audio)
 - Make sure the volume of the stereo is set to a comfortable listening level
 - Make sure you are within range – 10m
 - Make sure the Bluetooth function is active on your source device and you are not paired with other Bluetooth devices
 - Make sure you are playing the audio on your source device
-



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Declaration of Conformity

LINDY Part Number: 20406

Description: Bluetooth 3.0 Audio Receiver Pro

We, LINDY Electronics LTD, hereby declare that the above product is in conformity with the EU Directive 1999/5/EC R&TTE (Radio and Telecommunications Terminal Equipment) and 2011/65/EU (Restriction of the use of certain hazardous substances - RoHS).

The following standards were used to evaluate the product for electromagnetic compatibility:

EN 300 328 V1.7.1:2006

EN 301 489-1 V1.9.2:2011

EN 301 489-17 V2.2.1:2012

EN 62479:2010

EN 60950 – 1:2006+A11+A1+a12

Date: 25 March 2014

Signature:

A handwritten signature in black ink, appearing to read "Darren Casey", written over a white background.

Name: Darren N. Casey

Position: Managing Director, LINDY Electronics LTD

LINDY Supplier Office Reference: 720156 2402/070314

L/PF/103c/DOC/EMC-R&TTE-RoHS

Issue 2



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EG - Konformitätserklärung (EC - Declaration of Conformity)

Für das/die folgend bezeichnete/n Produkt/e

LINDY Bluetooth 3.0 Audio Receiver Pro
Art.-Nr.: 20406

wird hiermit bestätigt, dass es den Anforderungen entspricht, die in den
Richtlinien 1999/5/EG (R&TTE-Richtlinie),
2006/95/EC (Niederspannungsrichtlinie),
2009/125/EC (ErP-Direktive)
2011/65/EU, Article 13 (RoHS2 Direktive)
festgelegt sind.

Diese Erklärung gilt für alle Exemplare der o.g. Artikelnummer/n.
Zur Beurteilung des Produktes hinsichtlich elektromagnetischer Verträglichkeit
wurden folgende Normen herangezogen:

EN 300328 V1.7.1: 2006
EN 301489-1 V1.9.2: 2011
EN 301489-17 V2.2.1: 2012
EN 62479: 2010
EN 60950-1: 2006/A2:2013
EN 62075: 2012
EN 50581: 2012

Diese Erklärung wird verantwortlich für LINDY-Elektronik GmbH
abgegeben durch

Dr. Rainer Bachmann
Senior Product Manager

Mannheim, 26. Mrz. 2014

Ref. LINDY S-Office: 720156 2402/070314

CE/FCC Statement

FCC Certification

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.

You are cautioned that changes or modification not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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, and
2. This device must accept any interference received, including interference that may cause undesired operation.

LINDY Herstellergarantie – Hinweis für Kunden in Deutschland

LINDY gewährt für dieses Produkt über die gesetzliche Regelung in Deutschland hinaus eine zweijährige Herstellergarantie ab Kaufdatum. Die detaillierten Bedingungen dieser Garantie finden Sie auf der LINDY Website aufgelistet bei den AGBs.

Recycling Information



WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products

Europe, United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.

Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.

Germany / Deutschland

Die Europäische Union hat mit der WEEE Richtlinie Regelungen für die Verschrottung und das Recycling von Elektro- und Elektronikprodukten geschaffen. Diese wurden im Elektro- und Elektronikgerätegesetz – ElektroG in deutsches Recht umgesetzt. Dieses Gesetz verbietet das Entsorgen von entsprechenden, auch alten, Elektro- und Elektronikgeräten über die Hausmülltonne! Diese Geräte müssen den lokalen Sammelsystemen bzw. örtlichen Sammelstellen zugeführt werden! Dort werden sie kostenlos entgegen genommen. Die Kosten für den weiteren Recyclingprozess übernimmt die Gesamtheit der Gerätehersteller.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (DEEE) pour le recyclage de tout équipement électrique et électronique.

Chaque Etat membre de l' Union Européenne a mis en application la nouvelle réglementation DEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate. Ogni stato membro dell' EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico.

Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.



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1st Edition, March 2014

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