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Bluetooth-Audio-Dongle Set "RXTX2"

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Introduction

The Bluetooth-Audio-dongle-Set "RXTX2" with transmitter and receiver (Tx+Rx) offers the latest innovation in Bluetooth technology. The Tx unit transfers stereo audio from music or audio players such as MP3 players or Apple iPod to the Rx Bluetooth stereo headset/receiver wirelessly and freely. Rx is also capable of simultaneous connection to a Bluetooth enabled mobile phone. You need never miss a call while enjoying your music wirelessly.

As a plug and play product, Tx and Rx will search, pair, and connect themselves automatically.

The Tx unit plugs into your MP3 player, iPod or other playback device and, using Bluetooth technology, wirelessly sends music to the Rx unit or to your Bluetooth Stereo headset. The lightweight Rx unit allows you to plug in a stereo headset or portable speakers. In the case of headset usage you can wear the Rx unit on your lapel or in a shirt or jacket pocket. Provided you and the Rx are within range of the Tx unit you will be able to listen to music from your music player – wirelessly.

Getting started

Remove all components from the package. Items in the pack include: Tx transmitter, Rx receiver, Stereo Earphones, USB Charging cable and this User Guide. Please check the contents carefully and contact your local dealer immediately if anything is missing or damaged.

Getting to know your Tx and Rx

TX Unit

Blue indicator LED under tinted cover

5-pin mini USB-B charging socket

ON/OFF switch

iPod Holder

3.5mm jack plug

TX Unit

blue LED

Microphone

3.5mm jack socket

ON/OFF Button
Talk Button
Pairing Button

5-pin mini USB-B charging socket

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Charging The Tx and Rx

Before using the Tx and Rx, you must charge them for approximately 2 hours. Fully charged, they provide up to 5 hours of playing time.

To Charge the units
1. Insert the mini USB-B plug of the charging cable into the mini USB-B socket on the Rx or Tx.
2. Insert the USB-A plug on the other end of the USB charging cable into a powered USB-A socket on a PC or laptop computer. During charging, the LED will be on constantly.
3. When charging is finished, the LED will turn off.
4. Unplug the USB charging cable.

Pairing your Tx and Rx

Pairing is the Bluetooth process of establishing the wireless link between the Tx and Rx units. Before you can use Tx+Rx you must pair both devices. Normally you only have to do this once. After pairing is complete the units will (provided they are within range) find each other and reconnect automatically at switch on. Additionally, Rx can be paired with a mobile phone – see later. Before you commence pairing them ensure that both units are fully charged.
1. Try to ensure that no other nearby Bluetooth devices are active or in pairing mode.
2. With the Tx turned off, turn on Tx by sliding the miniature ON/OFF switch to the ON position.
   The Blue LED will flash quickly. Now the Tx is in pairing mode.
3. To turn on the Rx press and hold the Talk button for about 2 seconds until the LED begins to flash.
   Rx is now turned on and in pairing mode; the LED will flash quickly.
4. Ensure the units are within 3 metres of each other.
5. The two units should find each other and pair.
   This is indicated by the LEDs which will begin to flash slowly (approx once per second).

Switching your TX and Rx On / Off

The Tx+Rx combination is easy to use. Once they have been paired switching them on is all that you normally have to do. All the other operations will be carried out automatically.
To turn on your Tx - Move the Power button to "On", the blue LED will flash to indicate Tx is turned on.
To turn off your Tx - Move the power button to "Off", the blue LED will stop flashing.

To turn on your Rx - Press and hold the Talk button for about 2 seconds, until the LED flashes. Release the Talk button. Rx is now turned on and ready to use; the blue LED will flash to indicate Rx is turned on.
To turn off your Rx - Press and hold the Talk button for about 3 seconds. The blue LED will change from flashing to being permanently on. Release the Talk button. Rx will turn off and the LED will stop flashing.

Playing Music

1. With the Tx turned on, plug it into the audio jack socket of your music player.
2. Ensure Rx switched on and is within 3 metres of Tx.
3. Plug your earphones or portable speakers into Rx.
4. The blue LEDs on both units will continue to flash once per second to indicate they are connected.
5. If the connection is lost try moving Rx closer to Tx and they will reconnect automatically.
6. If the audio becomes noisy or breaks up try moving Rx closer to Tx.

Using Rx with your Mobile Phone

Before you can use Rx with your Bluetooth-enabled mobile phone you must pair Rx with the phone. Pairing is the process of linking Rx with your phone. After pairing is complete, you can use Rx only with the paired mobile phone. If you wish to use Rx with a different mobile phone, you must redo the pairing process with the new mobile phone. In this case, Rx will no longer work with the previous mobile phone unless you pair them again. Before you commence pairing the headset, ensure that the battery is fully charged.

To pair Rx and your mobile phone
1. Ensure Tx is turned off.
2. Turn on the mobile phone and place it within 3 metres of Rx.
3. Turn on Rx by pressing and holding the Talk button for about 3 seconds until the LED will flashes once. Rx is now turned on and in pairing mode; the LED will flash quickly.
4. Initiate the mobile discovery feature on the mobile phone.
   (Refer to the mobile user guide to initiate this feature.)
5. The Rx's Bluetooth name is "AV_HSF"
6. Enter the default pin code "0000", when the mobile phone requests a PIN / password
   (sometimes known as passkey).
7. When RX is paired with your mobile phone, the Rx LED will change to flash slowly.

RECEIVING CALLS
You may need to configure your mobile phone to answer calls directly on your Bluetooth headset. Refer to the mobile phone user guide for instructions on initiating this feature. When your mobile phone rings, press the Talk button on Rx. The call is automatically connected to Rx and your headset.

ENDING CALLS
When you have finished your call, press the Talk button on Rx. The call will be disconnected.

REJECTING CALLS
You can reject calls by pressing the talk button for about 3 seconds. (Not all phones support this feature)

TRANSFERRING CALLS BETWEEN MOBILE & Rx
You can transfer calls connected to your headset back to your mobile phone. (Not all phones support this feature) To transfer calls from your headset to the phone press and hold the Talk button for more than 3 seconds until you hear the tone.

MAKING CALLS
You can make calls from your mobile phone or directly from Rx using voice dialing (if it's supported by the phone)
To make calls from your mobile phone - Dial the call from your mobile phone. The call is automatically connected to Rx and your headset. (You may need to configure your mobile phone to answer calls directly on your Bluetooth headset)
To make calls using voice dialing (Not all phones support this feature) – When phone and Rx are in standby mode, click the Talk button on Rx. After the prompt from the phone speak the name of the person you wish to call. The call is automatically connected to your mobile phone.

Notes:

1. If, for some unknown reason, music can't transfer out from Tx, you should restart Tx by turning it off and on again.
2. If the connection is lost auto-reconnection should occur within a few seconds of the devices being brought back into range. Otherwise, after about 60 seconds, Tx and Rx will go into Idle Mode to save power and the blue LED will flash slowly (once every 5 seconds).
3. If a new Bluetooth stereo headset/audio receiver is nearby and in pairing mode, Tx may try to pair with it instead of Rx.
4. In normal operation Tx+Rx will maintain their Bluetooth connection once they have been paired and switched on. If they disconnect or the link is lost, it maybe for the following reasons:
   i. The range is over 10 metres between them or there is an obstacle in the way.
   ii. Either device has been switched off or the battery needs recharged.

Visual Indicators

Status	Indication
Pairing or connecting to another device	High speed flash, several times per second
Connected	Medium speed normal flash, once per second
Connected and music transfer is active (Rx only)	Medium speed long flash, once per second
Idle mode	Low speed flash, once per 5 seconds

Troubleshooting

Unit	Symptom/Problem	Solution
Tx & Rx	With power switched ON no LED flashes	Check battery power. Consult authorized dealer
Tx & Rx	Unit powers on with blue LED indicating pairing mode but there is no connection to other unit	Ensure Rx and Tx are in range and in pairing mode
Tx & Rx	Connection is lost. Rx has been out of range of Tx for more than 60 seconds and gone into low power mode	Ensure Rx and Tx are in range switch them OFF and On again.

Declaration of Conformity in accordance with the Radio and Telecommunications Terminal Equipment Act (FTEG) and Directive 1999/5/EC (R&TTE Directive)

Hama GmbH & Co. KG

The manufacturer / responsible person

declares that the product   Bluetooth Audio Dongle Set „RXTX2"

Type (if applicable, configuration including the modules):   Hama Art.-Nr. 00014102/ 00014103

❑ Telecommunications terminal equipment   ☑ Radio equipment

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Intended purpose   Equipment class

complies with the essential requirements of § 3 and the other relevant provisions of the FTEG (Article 3 of the R&TTE Directive), when used for its intended purpose.

Health an safety requirements pursuant to § 3 (1) 1. (Article 3(1) a))

Harmonised standards applied ...   Other means of proving conformity with the essential requirements (standards/specifications used) ...

EN 60950-1
EN 50371

Protection requirements concerning electromagnetic compatibility § 3(1)(2). (Article 3(1)(b))

Hamonised standards applied ...   Other means of proving conformity with the essential requirements (standards/specifications used) ...

EN 301 489-1
EN 301 489-17

Measures for the efficient use of the radio frequency spectrum

☑ Air interface of the radio systems pursuant to § 3(2) (Article 3(2))

Harmonised standards applied ...

Other means of proving conformity with the essential requirements (standards/interface specifications used) ...

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