

exposure

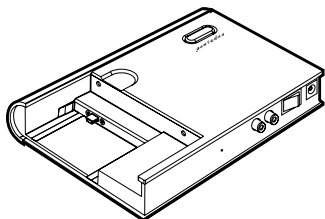
Owner's manual

EXP03

DOMESTIC Bluetooth®
TRANSCEIVER SYSTEM

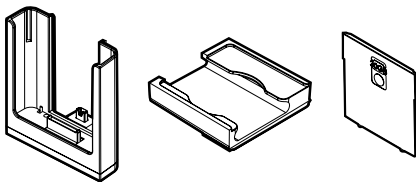
EXP03R

Bluetooth® AUDIO TRANSCEIVER



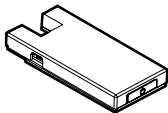
EXP03C

CRADLE/iPod nano ADAPTOR/GAP FILLER



EXP03D

Bluetooth® AUDIO TRANSMITTER



EXP03R

Bluetooth® AUDIO TRANSCEIVER

FCC Statement

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.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

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.

EXP03R

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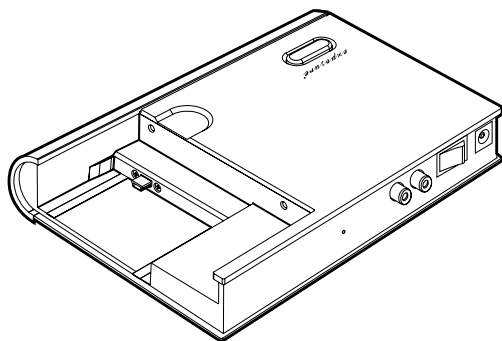
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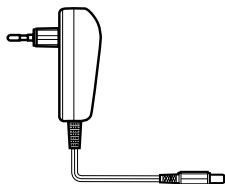
1. WHAT IS INCLUDED IN EXP03R?

EXP03R

A complete EXP03R package consists of the following items:



EXP03R - Bluetooth®
Audio Transceiver



AC/DC Converter

2. PRODUCT FEATURES OVERVIEW

Exposure Bluetooth® Audio Transceiver

The *Bluetooth*® Audio Transceiver (EXP03R) is a product featuring *Bluetooth*® wireless technology that allows you to stream high quality digital audio wirelessly from iPod or A2DP devices. It allows audio streaming to an amplifier and speakers.

Setting Up EXP03R

Bluetooth® Audio Transceiver

1. Plug in the DC12 volt jack from AC/DC Converter to the Transceiver. Please see Figure 1.
2. Connect the RCA-L & RCA-R between the Transceiver analogue output and the home amplifier input.
3. Plug the AC/DC Converter into the wall socket & turn on the power.
4. Power on the Transceiver using the Power ON/OFF Switch at the back of Transceiver.
5. Pair and connect EXP03D with EXP03R. For more information on pairing, please refer chapter “**Pairing Sequence**” on page R10.
6. Follow the directions as shown in Figure 2 to slide in the *Bluetooth®* Audio Transmitter to EXP03R.

Note:

- Please make sure that you have fully charged the EXP03D before performing pairing.

3. UNIT SETUP

EXP03R

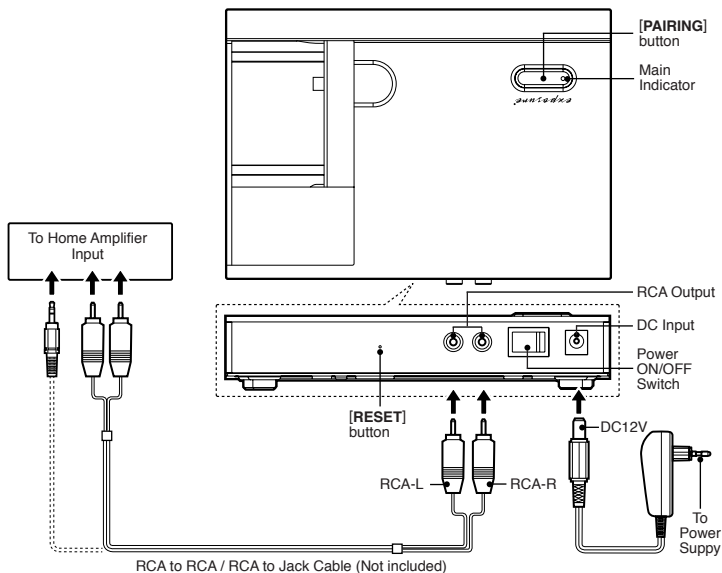


Figure 1

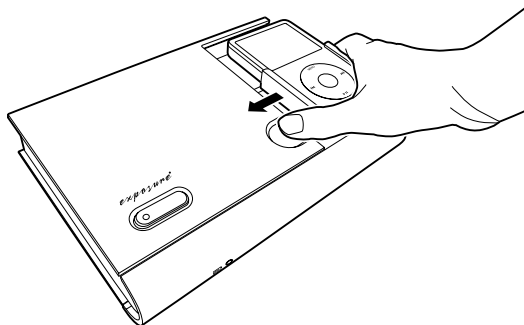


Figure 2

3. UNIT SETUP

EXP03R

Attaching Bluetooth® Audio Transmitter to the EXP03R

You may charge your iPod and *Bluetooth*® Audio Transmitter with EXP03R. It is recommended to setup EXP03D, EXP03C and iPod before attaching to EXP03R. Please refer to EXP03D owner's manual for more information.

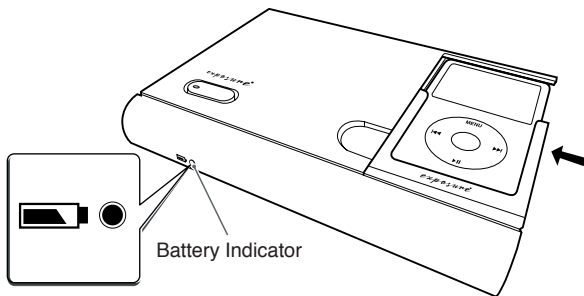


Figure 3

Instructions

1. Connect the EXP03R to the DC 12V convertor which should be plugged into the main power socket. Make sure EXP03R is in power on status.
2. Follow the directions as shown in Figure 3 to slide in the *Bluetooth*® Audio Transmitter to EXP03R.
3. Make sure the *Bluetooth*® Audio Transmitter is fully fitted into the EXP03R. The battery indicator will light up.

Event	Battery Indicator (Red)
No charging/ Charging complete	OFF
Charging	ON

Note:

- Audio streaming is not affected while EXP03D and iPod are charging.

Detaching Bluetooth® Audio Transmitter from the EXP03R

You may remove the *Bluetooth*® Audio Transmitter when it is fully charged and enjoy full wireless audio streaming experience.

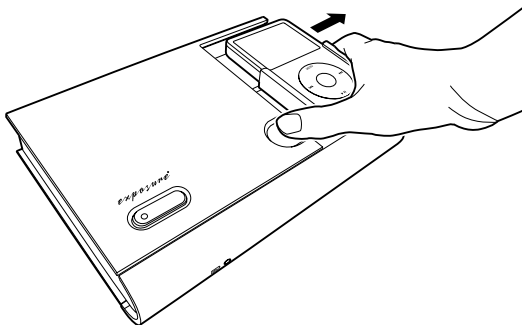


Figure 4

Instructions

1. Place and hold your fingers on the location as shown in Figure 4.
2. Slide out the *Bluetooth*® Audio Transmitter to remove from the EXP03R.

5. OPERATIONS FOR Bluetooth® AUDIO TRANSCIVER

EXP03R

What is Bluetooth® Wireless Technology

Bluetooth® wireless technology is a radio technology that connects devices, such as *Bluetooth*® Audio Transmitter, without wires or cords over a short distance of approximately 7 metres (approx. 23 feet). Get more information at www.bluetooth.com.

What is Pairing

You must “**pair**” the Transceiver unit with the phone/*Bluetooth*® Audio Transmitter before you use it for the first time.

“**Pairing**” creates a unique wireless link between the *Bluetooth*® Audio Transmitter and your *Bluetooth*® Audio Transceiver unit eliminating the need to repeat the pairing process during future use. *Bluetooth*® devices will not work if the devices have not been paired.

What is A2DP?

A2DP (Advanced Audio Distribution Profile) is a *Bluetooth*® profile that allows you to send high quality stereo music from one device to another without wires. A2DP is able to provide crystal clear music without the hassle of plugging cables. *Bluetooth*® wireless technology with A2DP makes mobile phones, PDA's and computers capable of streaming music.

Music streaming is a technique for transferring audio data such that it can be processed as a steady and continuous stream.

Users can stream music from their iPod or other external audio player to their home system and listen to the tracks through the home system's speakers.

Understanding The Main Indicators For EXP03R

Event	Main Indicator	
	Red	Blue
During power on	Blink once	-
Powered/ready	Blink once every 5 sec	-
<i>Bluetooth</i> ® Pairing mode	Blink once every 5 sec	
A2DP streaming	Blink once every 5 sec	Blink rapidly
Reset	Blink once	Lights up for 1-2 sec

Basic Operations

Pairing Sequence

- **Between *Bluetooth*® Audio Transceiver and *Bluetooth*® Audio Transmitter**

1. Press and hold the **[PAIRING]** button for 1 second or longer on the *Bluetooth*® Audio Transceiver during power on to activate pairing mode. The Blue and Red indicators will toggle.
2. Activate Pairing mode on the Transmitter (EXP03D). Both devices will get paired and connected automatically. Music will stream automatically once connected.

* Please refer to the “**EXP03D Owner’s manual**” for more information about *Bluetooth*® Audio Transmitter.

5. OPERATIONS FOR *Bluetooth*® AUDIO TRANSCEIVER

EXP03R

● **Between Bluetooth® Audio Transceiver and Mobile Phone**

1. Press and hold the **[PAIRING]** button for 1 second on the *Bluetooth*® Audio Transceiver during power on to activate Pairing mode. The main Blue and Red indicators will toggle.
2. Activate *Bluetooth*® on your mobile phone. Please check your mobile phone owner's manual for further details.
3. Search for new *Bluetooth*® device on the mobile phone. The Transceiver unit's name is "**EXPOSURE_AS**".
4. When attempting to connect to the Transceiver unit, the mobile phone will prompt for a passkey, enter the PIN: "**0000**".
5. Open your phone's music player and play the songs. Audio will be streamed automatically through the speakers connected to *Bluetooth*® Audio Transceiver.

Notes:

- Compatibility with other devices is not guaranteed.
- You are only allowed to connect one device at one time.
- The previously-connected device(s) may still hold the Transceiver information. Thus if the device initiates a *Bluetooth*® connection when the Transceiver is in pairing mode, the connection may be successful.

● **Reset The Transceiver Unit**

This function is used to restore to factory default setting and clear all the pairing information.

1. During power on mode, use a thin rod and press the **[RESET]** hole at the back of the unit to perform reset function.

5. OPERATIONS FOR *Bluetooth*® AUDIO TRANSCEIVER

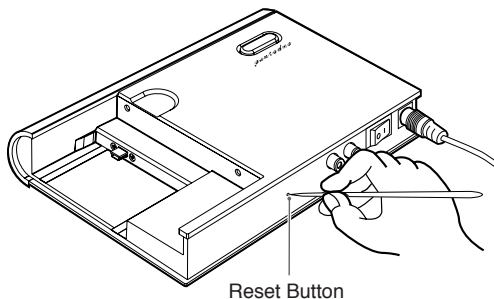


Figure 6

Note:

- Transceiver will remain as power on state after reset.

6. COMPATIBLE DEVICE

Supported Audio Device with Bluetooth® wireless technology

Bluetooth® Audio Transceiver (EXP03R) is especially designed for and works best with Exposure *Bluetooth*® Audio Transmitter (EXP03D) and Cradle for iPod (EXP03C).

Alternately, Phone with A2DP (stereo music streaming) profile is also supported. However, compatibility with these phones is not guaranteed. Please check your phone's specification for supported profiles.

7. TROUBLESHOOTING

EXP03R

	Problem	Cause	Description
Transceiver	The red or blue LED lights up all the time.	Power-up failure The Transceiver may not have started upon power up.	1. Power off and on the device until the blue LED blinks correctly. 2. Press the reset button.
	Blue LED lights up all the time. Transceiver is not responding.	The Transceiver has malfunctioned due to some conflicts such as multiple pairing at the same time.	Power off and on the device until the blue LED blinks correctly.
	There is no sound output when iPod is playing.	Speakers, power supply, iPod and <i>Bluetooth</i> ® Audio Transmitter (EXP03D) are not connected properly.	Please check that the speakers and components are connected correctly and securely.
		Speakers volume is set to minimum.	Please adjust the volume accordingly.
		<i>Bluetooth</i> ® connection is not established. Pairing information might be deleted at the Transceiver (EXP03R)	Please make sure both EXP03R and EXP03D are in power on mode. If problem persists, please reset both devices and perform pairing again.
		The Transceiver (EXP03R) might be connected to other audio device.	Please disconnect other audio device. The Transmitter (EXP03D) will automatically connect once power on.

7. TROUBLESHOOTING

	Problem	Cause	Description
Transceiver	When trying to connect to Transceiver using phone/iPod , connection failed.	There may be other devices currently connected to the Transceiver. Only one device can be connected at one time.	Disconnect other device and re-connect phone/ iPod.
		Phone or iPod (with EXP03D) has never been connected before.	Pair and connect the device to the Transceiver.

EXP03R

8. SPECIFICATIONS

EXP03R

Compliance	Bluetooth® 1.2
Profiles	A2DP (stereo music streaming)
Wireless range	Class 2: Up to 7m (line of sight)
Sensitivity	- 80dBm
Data rate	Forward: 723kbps Reverse: 57kbps
Antenna	2.45 GHz chip type
Compression/decompression algorithm	SBC (sub-band coding)
Bit rate	Variable (<350kbps typical)
Stereo audio	16kHz-48kHz, 16bit (for music)
Operating temperature	- 20°C ~ 60°C
Storage temperature	- 20°C ~ 60°C
Dimensions	Approx. 140mm (Width) x 32.7mm (Height) x 200 (Depth)
Weight	Approx. 635g
Audio bandwidth	30Hz - 20kHz
Signal-to-Noise Ratio	> 75dB
Analog output	Line level (1 Vrms)
Voltage source	12V DC

Safe and efficient use of product

- Read this information before using this product.
- Changes or modifications to this product not expressly approved by **Exposure** may void the user's authority to operate the equipment.
- Please check for any exceptions, due to national requirements or limitations, in usage of equipment with *Bluetooth®* wireless technology before using this product.
- Before operating the receiver, check that the operating voltage is identical with your local power supply.
- If you are not going to use the receiver for a long time, be sure to disconnect the receiver from the wall outlet. To disconnect the AC power cord, grasp the plug itself; never pull the cord.

Product care

- Do not expose your product to liquid or moisture or to humidity.
- Do not expose your product to extreme high or low temperatures.
- Do not expose your product to lit candles, cigarettes, or cigars, or to open flames etc.
- Do not drop, throw or try to bend the product as rough treatment could damage it.
- Do not use any other accessories than **Exposure** originals intended for use with this product. Use of non-original accessories may result in loss of performance, damage to the product, fire, electric shock or injury. The warranty does not cover product failures which have been caused by use of non-original accessories.
- Do not attempt to disassemble your product. The product does not contain consumer serviceable or replaceable components. Only **Exposure** service partners should perform service.
- Do not keep the product in an area prone to dust and dirt. Only use a soft damp cloth to clean your product.

9. PRECAUTIONS

- If you will not be using the product for a while, store it in a place that is dry, free from damp, dust and extreme temperatures.
- To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it.

Radio frequency exposure

This product is a radio transceiver. When in operation, it communicates with a mobile device featuring *Bluetooth*[®] wireless technology by receiving and transmitting radio frequency (RF) electromagnetic fields (microwaves) in the frequency range 2400 to 2500 MHz. The output power of the radio transmitter is low, 0.001 watt.

This product is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when used with any compatible mobile phone with *Bluetooth*[®] wireless technology.

Electronic equipment

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment is not, therefore:

Do not use this product near medical equipment without requesting permission. If you are using any personal medical devices, e.g. a pacemaker or a hearing aid, please read in your mobile phone's User's Guide for further information.





Potentially explosive atmospheres

Turn off your electronic device when in any area with a potentially explosive atmosphere. It is rare, but your electronic device could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked.

**CAUTION!**

If you want to dispose of this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
<p>CAUTION TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		
		
		
<p>This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p>		

10. EXPOSURE WARRANTY POLICY

EXP03R

1. The Exposure warranty entitles you to FREE repair of this unit for 1 year from the date of purchase.
2. The agent accepts no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorised adjustment and/or repair or replacement of any components, nor will they accept responsibility for damage or loss occurring during transit to or from the person making a claim under warranty.
3. The Exposure warranty covers:
 - Parts and labour costs for 1 year from the date of purchase. Please retain your original receipt as proof of purchase and purchase date. The guarantee is extended only to the original purchaser and is not transferable.

When making claims under this warranty:

1. The equipment should be suitably packed and returned to the dealer from whom it was purchased, or directly to the local distributor, together with proof of purchase or a copy of the dated sales receipt.
2. If necessary the unit should be sent carriage pre-paid by a reputable carrier - NOT by post.
3. No responsibility is accepted for the unit whilst in transit to the dealer or agent, and customers are advised to insure the unit against loss or damage whilst in transit.
4. The dealer or the agent shall notify the customer when the repairs have been completed. The customer must claim the goods within fourteen days from the date of notice, failing which; the Company reserves the right to impose storage charges.
5. The Company reserves the right to dispose of the equipment after 90 days from the date of notice in a manner that it sees fit without compensation to the customer.

EXP03C

CRADLE/iPod nano ADAPTOR/GAP FILLER

EXP03D

Bluetooth® AUDIO TRANSMITTER

FCC Statement

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.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to consult the dealer or an experienced radio/TV technician for help.

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.

RF exposure warning

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.

The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

EXP03C and EXP03D

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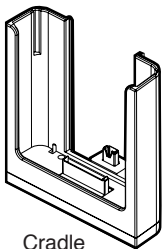


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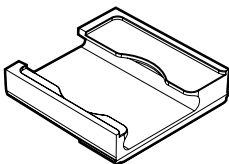
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1. WHAT IS INCLUDED IN EXP03C AND EXP03D?

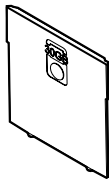
A complete EXP03C package consists of the following items:



Cradle



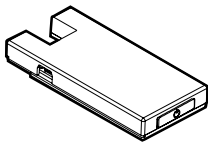
iPod nano 2nd Gen Adaptor



Gap Filler

EXP03C/EXP03D

A complete EXP03D package consists of the following item:



Bluetooth® Audio Transmitter

2. PRODUCT FEATURES OVERVIEW

Exposure Bluetooth® Audio Transmitter (EXP03D) with iPod Cradle Support

The EXP03D is an Audio Transmitter featuring *Bluetooth®* wireless technology that supports EXP03C to allow you to stream your favourite music from your iPod or alternative music source to your home system.

- **Auto features:**
 - Auto-power off after 3 minutes of no activity state.
 - iPod will auto-power off when *Bluetooth®* Audio Transmitter (used with iPod Cradle) is powered off.
 - Auto-connect with last paired device.
- **Music streaming features:**
 - Music streaming from any music source (e.g. MP3 player, laptop) using audio stereo cable.
 - Music streaming with iPod when used with iPod Cradle.
- **Charging features:**
 - Dual charging (Transmitter and iPod) when used with iPod Cradle.
 - Uninterrupted streaming when charging.

The EXP03D can be used as:

- **iPod Transmitter with Bluetooth® wireless technology**
You can dock your iPod onto the Transmitter unit (used with iPod Cradle) and stream music directly from your iPod to ***Bluetooth® Audio Transceiver (EXP03R)***.
- **General purpose transmitter with Bluetooth® wireless technology**
You can connect any external audio player to the Transmitter unit via an audio stereo cable. Music can be streamed through the ***Bluetooth® Audio Transceiver (EXP03R)***.

3. UNIT SETUP

Setting Up EXP03C and EXP03D

Bluetooth® Audio Transmitter

The EXP03D is designed to work with iPod Cradle (EXP03C) for ultimate wireless iPod playback support.

The Transmitter unit can be latched with the iPod Cradle to form an iPod Bluetooth® Audio Transmitter unit.

1. Slide in the Transmitter unit to the Cradle unit. Make sure the 14-pin outlet socket is connected properly.
2. Optional step for iPod Video model: Slide in the Gap filler for using 30GB iPod Video with Cradle (shown in Fig. 1). 60/80GB iPod Video is used without the adaptor Gap filler.
3. Optional step for iPod nano 2nd generation model: Slide in the iPod nano 2nd generation adaptor (shown in Fig. 2).
4. Dock the iPod to the Cradle.

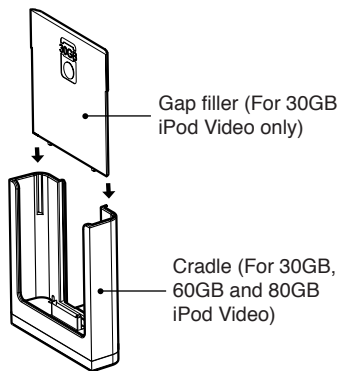


Figure 1: Use the iPod Cradle with Cradle Gap filler (For 30GB iPod Video only)

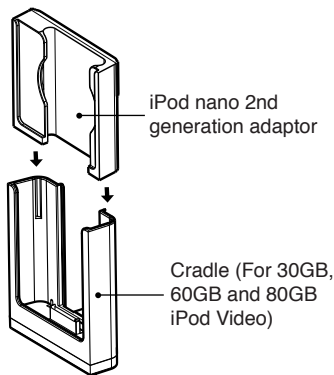


Figure 2: The adaptor used is only compatible with 2nd generation of iPod nano.

3. UNIT SETUP

EXP03C/EXP03D

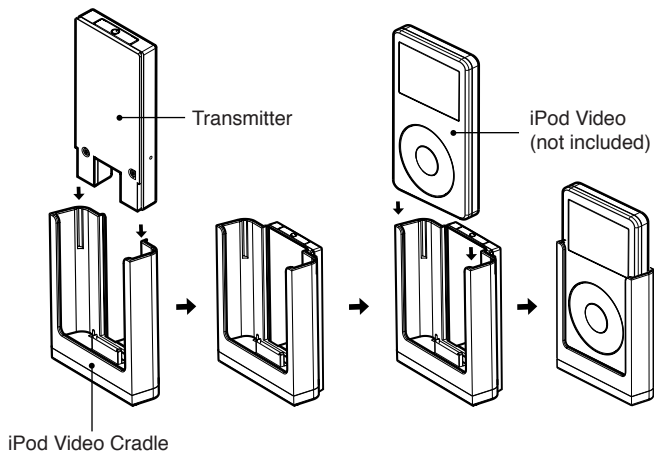


Figure 3: Use the EXP03D with iPod and iPod Cradle EXP03C

3. UNIT SETUP

General purpose Bluetooth® wireless transmitter

1. Select an external audio source (e.g. line-out of a laptop, PC or any MP3 player). The audio jack output for external source may vary depends on the device.
2. Use an audio stereo cable to connect the output of external audio source to the input (2.5mm stereo jack) of the Transmitter.

EXP03C/EXP03D

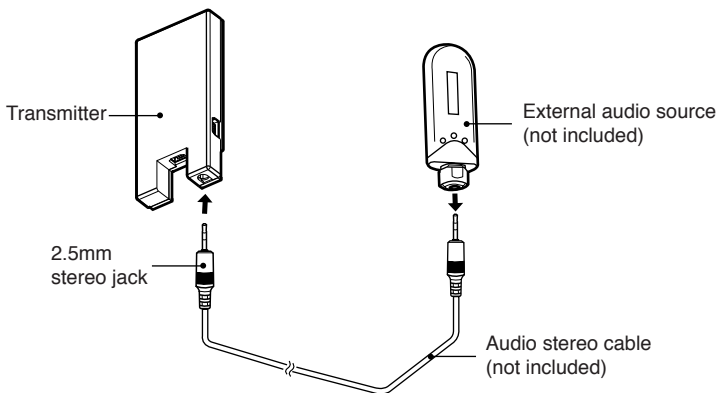


Figure 3: Use the EXP03D with alternative audio source

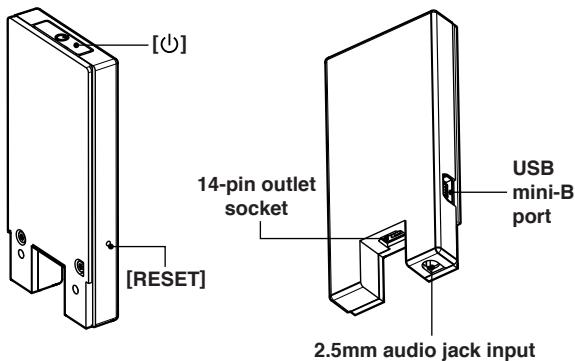
Note:

- The *Bluetooth*® Audio Transmitter will not be able to fit into the EXP03R if connected to an external audio device through the 2.5mm stereo jack.

4. OPERATIONS FOR Bluetooth® AUDIO TRANSMITTER

Buttons Terminology

The Transmitter unit with Power/pairing button (with LEDs) and a reset switch.



[⏻] button

- Use the button to power on/off.
- During power on, use the button to perform *Bluetooth®* pairing.

[RESET] switch

- Use the switch to reset the unit.

USB mini-B port

- Charge the Transmitter with EXP03R through this port.

2.5mm audio jack input

- Connect to external audio player.

14-pin outlet socket

- Connect to iPod Cradle.

4. OPERATIONS FOR *Bluetooth*® AUDIO TRANSMITTER

Understanding The Transmitter Unit Indicators

EXP03C/EXP03D

Event	LEDs	
	Red	Blue
During power on	Blink 3 times	Lights up for 1-2 seconds
During power off	Blink 3 times, Blink 1 more time after iPod is off	Blink dimly until iPod is switched off (~ 2 sec)
Powered (No activity)	Blink once every 5 sec	Blink dimly quickly
<i>Bluetooth</i> ® pairing mode	Blink alternately	
Receiver connected, Music streaming	-	Blink once every 5 sec Blink dimly quickly
Battery Low	Blink twice every 4 sec	-
Charging	On	-
Charging completed	-	On

Notes:

- “**Blink**” refers to the LED is blinking brightly.
- “**Blink dimly**” refers to the LED is blinking not brightly.

Basic Operations

Please make sure you have read through the chapter “**Setting Up EXP03C and EXP03D**” on page D6 before proceeding to the following operations. For iPod/external audio player operations, please refer to your corresponding product owner’s manual.

Turning on/off the Transmitter power

1. Press the [⏻] button once to power on.
2. Press and hold the [⏻] button for 3 seconds or longer to power off.

Note:

- When the Transmitter is powered off, iPod will be turned off as well when used with iPod Cradle.

Automatic power off

Transmitter will be automatically powered off in the following situations:

- Three minutes of inactivity or without any connected device to conserve energy. iPod will be turned off as well if it is connected to the Cradle.
- Battery is very low or exhausted.

Note:

- If the Transmitter is automatically shut down due to battery exhaustion, all pairing information will be erased. Thus, it is recommended to recharge the Transmitter when battery is low.

Activating Bluetooth® Audio Transmitter pairing mode

1. Make sure the Transmitter is connected to an audio source. Please refer “**Setting Up EXP03C and EXP03D**” on page D6.
2. Set EXP03R in pairing mode. Please refer to *Bluetooth*® Audio Transceiver (EXP03R) owner’s manual for more details.
3. Press the [⏻] button once to power on.
4. Press the [⏻] button again to activate *Bluetooth*® pairing mode.
5. Music starts streaming automatically upon successful pairing.

4. OPERATIONS FOR *Bluetooth®* AUDIO TRANSMITTER

Notes:

- If no device is paired after 3 minutes, pairing mode will be cancelled and Transmitter unit will be shut down.
- You cannot pair the Transmitter with your mobile phone.
- During pairing mode, the Transmitter unit should show a quick alternate red/blue LED. Make sure that the Transmitter and Transceiver are not paired to any other Transceiver or Transmitter respectively.
- Please refer “**Understanding the Transmitter Unit Indicators**” on page D10 for further information.

Music Streaming playback

You can operate and control the iPod as normal. However, there is no volume control support from the analog output of 30-pin iPod connector interface. Changing the volume on the iPod through the wheel control will have no effect on the music streaming.

Resetting the Transmitter unit

This function is used to restore to factory default setting and clear all pairing information.

1. Press the **[RESET]** switch once to perform reset function. Device will be automatically powered off.

Notes:

- iPod will not be turned off in this case and iPod will not be reset.
- User needs to press the **[⏻]** button again to restart the device.

4. OPERATIONS FOR *Bluetooth*® AUDIO TRANSMITTER

Charging the Transmitter

The Transmitter can be charged by attaching it to the *Bluetooth*® Audio Transceiver (EXP03R). Please refer EXP03R owner's manual for more information. The charging time may require up to 2 hours for 8 hours of continuous music playing.

Note:

- Please charge the Transmitter for first time usage.

CAUTION

When charging the transmitter, please use with EXP03R only. Do not charge nearby fire or under burning sun. Failure to follow these instructions may present risk of explosion, fire, high temperature or injury.

EXP03C/EXP03D

Automatic Connection

When the Transmitter is switched on, it will automatically try to re-connect with the last paired device (Transceiver unit). It may take several seconds for the re-connection. If there is no connection detected after 3 minutes, Transmitter will be automatically powered off.

If the device (Transceiver unit) already has connection with another device, automatic connection will fail.

Notes:

- If the Transceiver is switched off and on, it may require 20-30 seconds for the Transmitter to detect disconnection before re-connection.
- Music streaming may be discontinued if the Transmitter and Transceiver are moved out of range of each other.
- The wireless range may be affected when the battery is weak. Please recharge the Transmitter for better experience.

5. COMPATIBLE DEVICE

Supported device with Bluetooth® wireless technology

Bluetooth® Audio Transmitter (EXP03D) is especially designed for and works best with Exposure *Bluetooth®* Audio Transceiver (EXP03R) and Cradle for iPod (EXP03C).

Supported iPod models

This Cradle (EXP03C) is especially designed for iPod Video and iPod nano 2nd generation.

Supported other external audio player

The audio player must be able to output audio to the 2.5mm audio jack input of this Transmitter unit.

6. TROUBLESHOOTING

Problem	Cause	Description
During power off, the LED blinks whenever the on/off button is pressed.	Power on illusion	It can be powered up after the button is pressed once. However, this sequence may fail sometimes. If it happens, release the button and retry again.
The device does not start up properly upon power up.	Power on failure	User may execute following steps to recover the situation. a) Press the [RESET] switch if the red LED is on. b) Try to switch on the Transmitter again.

7. SPECIFICATIONS

EXP03C/EXP03D

Compliance	Bluetooth® 1.2
Profiles	A2DP (stereo music streaming)
Wireless range	Class 2: Up to 7m (line of sight)
Tx/Rx radio sensitivity	-80dBm
Data rate	Forward: 723kbps Reverse: 57kbps
Antenna	2.45 GHz chip type
Compression	SBC (sub-band coding)
Compression ratio	4:1-6:1 typical
Bit rate	Programmable (<350kbps typical)
Stereo audio	16kHz-48kHz, 16bit (for music)
Operating temperature	-20°C~60°C (Discharging) 10°C~60°C (Charge)
Storage temperature	-20°C~50°C (Within 30 days)
Dimensions	Approx. 35mm (Width) x 74mm (Height) x 10mm (Depth)
Weight	Approx. 26g
Audio bandwidth	30Hz-20kHz
Signal-to-Noise Ratio	~84dB
Analog in	Line level (1 Vrms)
Voltage	3.7V
Max current	60mA
Battery life (full running)	~8hr on 3.7v 500mAh polymer lithium ion battery
Charging time	~2hr on 3.7v 500mAh polymer lithium ion battery
Power source	4.5-6.5V DC

CAUTION

Please strictly follow temperature range as above. Product might not work correctly during extremely hot or cold condition. Product will work correctly after back to normal temperature.

8. PRECAUTIONS

Safe and efficient use

- Read this information before using this product.
- Changes or modifications to this product not expressly approved by **Exposure** may void the user's authority to operate the equipment.
- Please check for any exceptions, due to national requirements or limitations, in usage of equipment with *Bluetooth*® wireless technology before using this product.

Product care

- Do not expose your product to liquid or moisture or to humidity.
- Do not expose your product to extreme high or low temperatures.
- Do not expose your product to lit candles, cigarettes, or cigars, or to open flames etc.
- Do not drop, throw or try to bend the product as rough treatment could damage it.
- Do not use any other accessories than **Exposure** originals intended for use with this product. Use of non-original accessories may result in loss of performance, damage to the product, fire, electric shock or injury. The warranty does not cover product failures which have been caused by use of non-original accessories.
- Do not attempt to disassemble your product. The product does not contain consumer serviceable or replaceable components. Only **Exposure** service partners should perform service.
- Do not keep the product in an area prone to dust and dirt. Only use a soft damp cloth to clean your product.
- If you will not be using the product for a while, store it in a place that is dry, free from damp, dust and extreme temperatures.
- To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it.

8. PRECAUTIONS

EXP03C/EXP03D

This Product uses the lithium ion battery

⚠ CAUTION

- Do not use or store this product near sources of heat such as a fire or heater.
- Do not use or store this product where is exposed to extremely hot, such as under direct sunlight in a hot day. Otherwise, this product may be overheated. This can also reduce product performance and/or shorten service life.
- Do not use any chargers other than those recommended by **Exposure**.
- Do not attempt to disassemble or modify this product in any way.
- Do not recharge this product near a fire or in extremely hot conditions.
- In case there are chemical leaking from product, please prevent any contact with skin or eyes. If contact happen, don't rub, wash with clean water and get medical treatment.
- Do not drive a nail, hammered and trample. It will cause leak on the lithium ion battery inside this product.
- Do not use this product in case there are any deformation of shape on the product. Please contact your **Exposure** local dealer.
- Do not put inside the heating machine (Ex. Microwave) or high pressure machine/washing machine.

Failure to follow above instructions will present risk of internal battery leaking, generation of heat, damage, fire, injury or soiled to surround.



⚠ CAUTION

If you want to dispose of this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

9. EXPOSURE WARRANTY POLICY

1. The Exposure warranty entitles you to FREE repair of this unit for 1 year from the date of purchase.
2. The agent accepts no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorised adjustment and/or repair or replacement of any components, nor will they accept responsibility for damage or loss occurring during transit to or from the person making a claim under warranty.
3. The Exposure warranty covers:
 - Parts and labour costs for 1 year from the date of purchase (excluding battery: 6 months warranty for battery). Please retain your original receipt as proof of purchase and purchase date. The guarantee is extended only to the original purchaser and is not transferable.

When making claims under this warranty:

1. The equipment should be suitably packed and returned to the dealer from whom it was purchased, or directly to the local distributor, together with proof of purchase or a copy of the dated sales receipt.
2. If necessary the unit should be sent carriage pre-paid by a reputable carrier - NOT by post.
3. No responsibility is accepted for the unit whilst in transit to the dealer or agent, and customers are advised to insure the unit against loss or damage whilst in transit.
4. The dealer or the agent shall notify the customer when the repairs have been completed. The customer must claim the goods within fourteen days from the date of notice, failing which; the Company reserves the right to impose storage charges.
5. The Company reserves the right to dispose of the equipment after 90 days from the date of notice in a manner that it sees fit without compensation to the customer.

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