

i-Star

12302R

Wireless Bluetooth Ceiling Speaker Kit

User Guide



For further information or any queries please contact:

Customer careline: 08457 573479 (Local Rate - UK Only)

Technical Support: www.philex.com/support



Warnings

1. All mains electrical wiring should be carried out by a fully qualified electrician and tested regularly during installation.
2. All electrical work carried out in England and Wales must comply with Part P of the Building Regulations. If you are located elsewhere check local Building Regulations.
3. Always ensure electricity is switched off at the consumer unit before any wiring work is started.
4. If the Bluetooth module is installed in a bathroom ceiling space you must use a suitable ceiling mounted pull cord switch or a wall mounted ON/OFF power switch positioned outside the bathroom.
5. The Bluetooth module is designed to be mounted in the ceiling space, always make sure there is sufficient space surrounding the unit (a minimum of 15cm) to allow sufficient ventilation.
6. Before drilling or cutting into ceiling or walls it is recommended you use a suitable detector to check for hidden cables and pipes.
7. If the speakers are to be mounted in a ceiling with a room(s) above, in most instances, each speaker will need to be fitted with a fire hood (not supplied). Please check local Building Regulations.
8. Do not disassemble or modify the speaker or Bluetooth module there are no user serviceable parts.
9. Do not mount the speakers or module close to any heat source.
10. Do not mount the speakers in the ceiling of a shower cubicle or above baths or wash basins.

Features and box contents

2 x 6W Ceiling speakers

1 x Bluetooth prewired receiver module - with 2 x 3m speaker cables and 25cm power lead

1 x User guide

Introduction

You can install this kit into your ceiling for easy and safe music listening in any room you choose. It is simple to pair with any Bluetooth enabled device such as a smartphone or tablet, and minimises the risk of water damage to your expensive electronics. Perfect for kitchens, bedrooms and bathrooms. The prewired compact Bluetooth module is fitted in the ceiling space and can be connected to an existing lighting circuit.

The speakers are very low profile and when mounted sit almost flush with the ceiling. They are fitted in the ceiling in much the same way as downlights and fit into cut outs the same size as most downlights for a simple and discrete solution.

Positioning and planning the wiring of the Bluetooth module

There are three methods for connecting the Bluetooth module to an existing 6A lighting circuit. Bear in mind you need to position the module within 3m of both speakers if you want to use the prewired speaker cable to reach the speakers in their mounted position.

1. Wiring to an existing lighting rose if there is sufficient terminal space. Please note this method should only be used if you want the Bluetooth module powered **only** when the lighting is switched on.
2. Wiring a new junction box into the lighting circuit. This method requires running a new cable to an on/off light switch.
3. Wiring to an existing Wago type junction box in the lighting circuit. This method requires running a new cable to an on/off light switch.

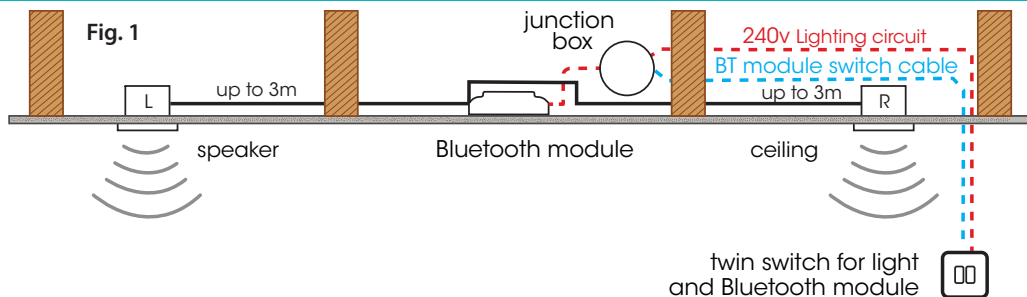
Positioning and wiring an ON/OFF power switch for the Bluetooth module

There are a number of options for positioning an ON/OFF switch.

1. Running a cable from a ceiling junction box to a new wall mounted switch or ceiling pull cord switch.
2. Running a cable from a ceiling junction box to an existing switch position and replacing a single light switch with a twin lighting switch (or replacing a twin switch with a triple switch).

N.B. We have supplied a transparent label with a speaker symbol to mark the switch used for the speaker.

Typical speaker kit installation



Power connection for Bluetooth module

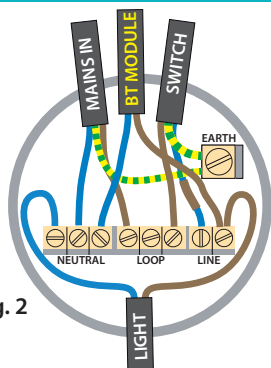


Fig. 2

Fig. 2 shows the Bluetooth module connected to a ceiling rose, the light and module share the same switch.

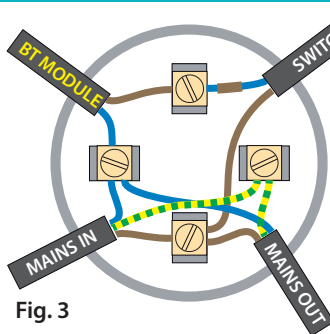


Fig. 3

In Fig. 3 the Bluetooth module and a new switch are wired to an existing lighting circuit via a new junction box interrupting an existing lighting mains cable.

A new cable needs to be run to a new switch for powering on and off the Bluetooth module

Connections to an existing Wago box are similar to those shown in Fig. 3. Consult a qualified electrician if you are not sure how to make the right connections.

Mounting the Speakers

Once you have wired your module to the mains and switch you can mount the speakers. Make sure the 3m prewired speaker cables will reach the speakers in the mounting position chosen. Check that there are no hidden cables or pipework in the chosen locations.

1. Using a 74mm hole saw and drill to make holes in the ceiling (if 74mm holesaw is not available 72-76mm saws can be used). There is a cutout template overleaf.
2. Pull the speaker cable through the hole and attach to the speaker terminals.
3. Point the spring clips upwards and fit the two arms into the ceiling hole (See Fig 4 & 5).
4. Push the speaker upward until firmly in position, ensuring that the cable is not trapped (See Fig 5 & 6).

Fig. 4

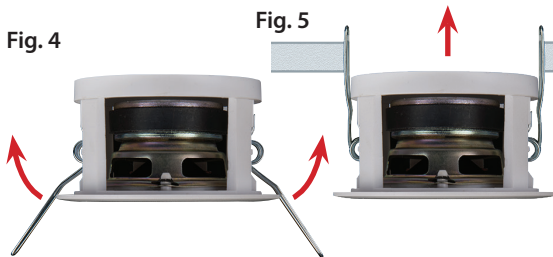


Fig. 5

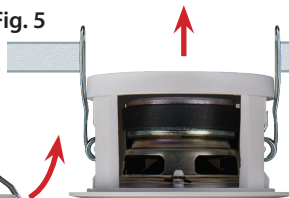


Fig. 6



Pairing your speakers with Bluetooth enabled mobiles and tablets

Once wiring is completed switch on the module and you will hear a triple tone to indicate the module is ready to pair. Select the Bluetooth function on your mobile/device and search for Bluetooth devices. The speaker will appear as "iStar BTCSK" in the Bluetooth device list, select and pair. Enter the following Pin Code 1122 to pair. After successful pairing you will hear a double beep. You can now play audio from your mobile/device.

Please Note: If the pairing is not successful, switch off for 10 seconds, switch back on and try again. Each time the module is switched off and the device is disconnected it will not reconnect automatically when the module is switched back on. This allows other devices to connect to the module.

Re-connecting to a previously paired device or pairing a new device

Once switched off leave the module switched off for 60 seconds before switching on again to pair to a new device or to connect to a previously paired device. If when you switch on you don't hear the triple tone indicating the module is ready to connect/pair switch off and wait a further 60 seconds before switching on again. It may be necessary to unpair the previously connected device before a new device can be connected.

Troubleshooting

Q1 The sound is low or completely silent.

A1 Make sure both your mobile/device is charged.

A2 Make sure you have a Bluetooth connection is fully functioning.

A3 Check mobile/device volume and that an audible music track is playing.

Q2 My device cannot find the module.

A1 If when you switch on the module you don't hear the triple tone indicating that the module is ready to connect/pair, switch off and wait a further 60 seconds. Switch back on and you should hear the triple tone and "iStar BTCSK" should appear in your Bluetooth device list.

A2 Another device may still be connected to the module. To disconnect the other device switch off the module for 60 seconds as above and then pair your device.

Declaration of Conformity

Hereby, Philex Electronic Ltd. declares that the radio equipment: model 12302R Bluetooth Speaker Kit for radio broadcast reception in domestic premises is in compliance with the Radio Equipment Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.philex.com/doc

Technical Support

If you experience problems using your speakers please visit our technical website at www.istarproduct.co.uk/support to send us a message or live chat during office hours.



Waste electrical and electronic products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority for recycling advice.



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**Recommended Speaker Cutout
Diameter 74mm (± 2mm)**

