In-Wall
❖ Bluetooth®
Audio Receiver
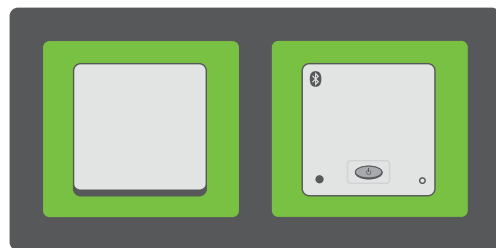
eisSOUND

It's Soundlife!

1. Installation

230Vac/15Vdc 0,53A

(1)

15Vdc

(2) 1,5W/8ohm 2,5w/4ohm

(2) 1,5W/8ohm 2,5w/4ohm

Front View

0521

(3)

Back View

KINGBT-XXXX
BLUETOOTH
AUDIO
RECEIVER
EISSOUND

Top View
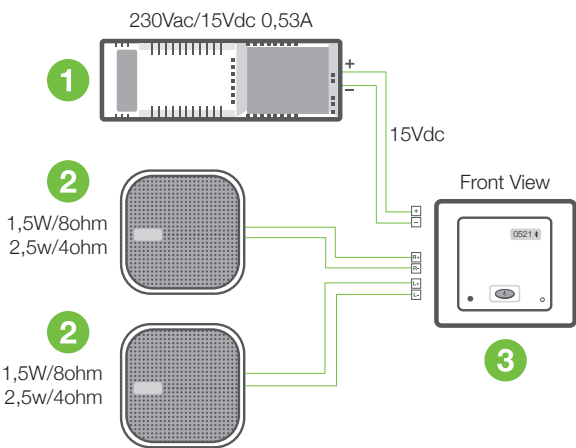
(1) Power Supply Unit (15Vdc, 0,53A)

(2) 4, 8 or 16 ohm Speakers (any brand of speaker permitted)

(3) Bluetooth Audio Receiver (The Module)

The Module is mounted in a wallbox 45 x 45 mm diameter.
Standard electrical light switch.

**Technical
Specifications**

| 52691	MIN	NORMAL	MAX		NOTES
Measurements		45x45x42		mm	exterior (width x height x depth)
		45x45x36		mm	cavity (width x height x depth)
		45x45		mm	face coverl (width x height)
Voltage		15	16	Vdc	terminal Vdc
Consumption demand	4,5		100	mA	bluetooth
	4,5		75	mA	jack 3,5mm
Input signal		100		mVrms	jack 3,5mm
Input impedance		62		Kohms	jack 3,5mm
Output signal power supply 15Vdc/0,53A			2,5	Wrms	output 4 ohm
			1,5	Wrms	output 8 ohm
			1	Wrms	output 16 ohm
Output signal power supply 15Vdc/0,8A			5	Wrms	output 4 ohm
			2,5	Wrms	output 8 ohm
			1,5	Wrms	output 16 ohm
Left/right channel separation		58		dB	
Passband	45		20.000	Hz	
Distortion		0,1		%	
SNR		84		dB	
Bluetooth identification number	0000		9.999		
Bluetooth spec.		Class2 BT2.1 + EDR A2DP 1.2 AVRCP 1.4			
Wireless transceiver		2,4		GHz	
RF Power transmitter		7		dBm	
Lenght			10	m	

2. Electrical and functional specification

Power: the Module is powered from an external power supply unit. Any 15Vdc power supply unit may be used.

Audio output: the Module provides a stereo audio output consisting in left and right channels. The audio power supplied is:

POWER SUPPLY	SPEAKER		
	4 ohm	8 ohm	16 ohm
15V/0,53A	2,5Wrms	1,5Wrms	1Wrms
15V/0,8A	5Wrms	2,5Wrms	1,5Wrms

Bluetooth ID

15Vdc

left speaker output

right speaker output

external audio input (jack 3,5 mm)

operating key

led for signaling

Bluetooth ID: each Module is identified as KINGBT-XXXX where XXXX is a serial number which permits the user to identify different Modules that can co-exist in the same installation. An adhesive label is provided with each Module to be fixed on the face cover. In this way, the user can choose from his Bluetooth device the Module with which he wishes to stream his music.
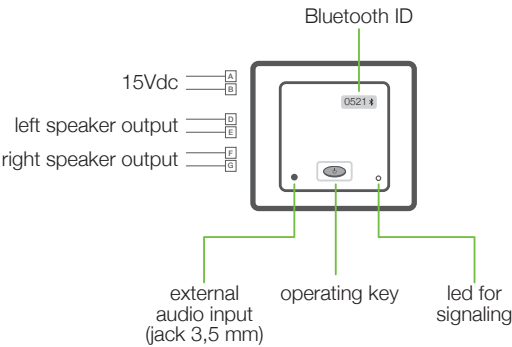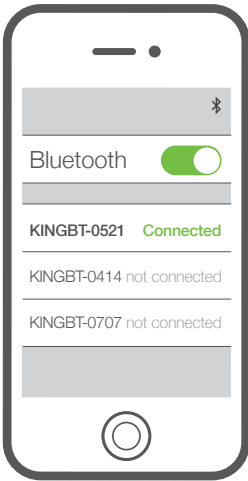
External audio input: the Module includes an external audio input (3,5mm jack). When the user inserts a jack the audio output switches to the signal from the external audio source (red led) and overrides the Bluetooth mode.

Operating Key: the Module is provided with a key for operating the Bluetooth mode.

Led for signaling: the led color for signaling the status of the Module is as follows:

> Blue flashing led = waiting for pairing and connecting with the Bluetooth device
>
> Blue led = Module is connected to the Bluetooth device
>
> Red led = An external audio input has been inserted

3. Operation

Before commencing any pairing we recommend that you check that your Bluetooth device has A2DP / AVRC profiles. In addition, the pairing process can vary between manufacturers. Please read carefully your Bluetooth device user manual beforehand. For a successful pairing make sure the Bluetooth device is close to the Module when performing this task.

3.1. To turn ON / OFF the Module press the operating key for 4".

Bluetooth Connect

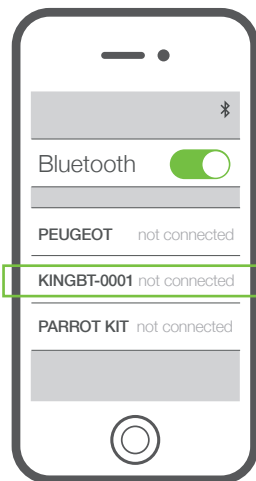Bluetooth Disconnect

4"

4"
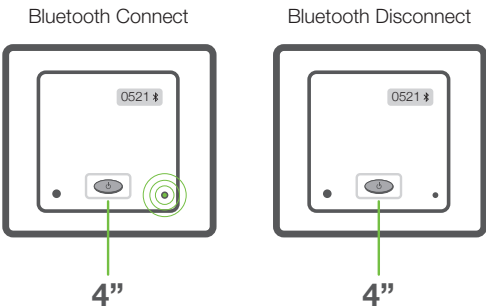
3.2. Once the blue led flashes you are ready to pair. The Module remains in pairing mode for one minute. If the Bluetooth device is not connected during this time, the Module will automatically turn off and you must repeat the process again.

To pair, go to the Bluetooth settings in your Bluetooth device (Smartphone, tablet, PC, etc.) and follow the respective search procedures. The Module will send its identification code (KINGBT-XXXX) to your Bluetooth device. This is the moment to pair. This step will only be necessary the first time for each Bluetooth device.
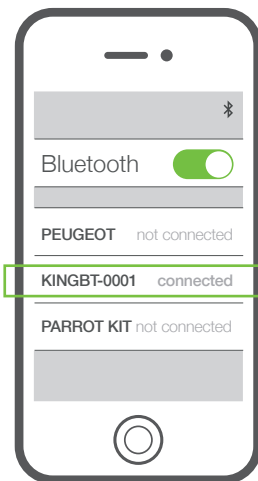
Now simple connect and play your music Your Bluetooth device will control all features such as choosing the song, play, pause, volume…

Once the connection is established the blue led will stop flashing and remain ON while the Bluetooth device is being used and within range of coverage (approx.10 meters).

Connect

Connected

3.3. The Module will automatically turn OFF 1 minute after you switch off the Bluetooth setting on your Bluetooth device or you distance yourself from the range of coverage.

3.4. To pair and connect a new Bluetooth device make sure there is no other device currently connected. Then repeat the steps 3.1 and 3.2 above.
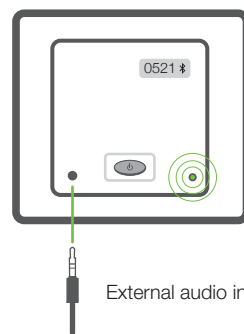
3.5. Whenever an external audio source is connected to the jack input, the Module automatically turns ON (red led). The external audio source overrides the Bluetooth mode.
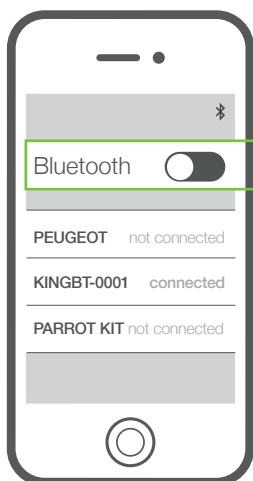
Turn Off
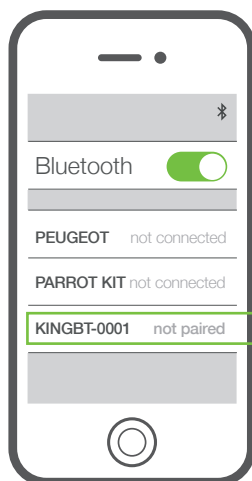
Pair

External audio input

FCC Compliance Statement

1. FCC ID: 2AB6X52691.

   The information about the Bluetooth audio receiver is on file with the FCC and can be found under the display grant section of http://www.fcc.gov/oet/ea/fccid after searching on FCC ID: 2AB6X52691

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

3. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Caution:

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 try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.