----------------------------------------------------------------

Ei Whirlpools and Spas Ltd Unit 20A Moat Way Barwell LE9 8EY 01455 848500


## Specifications:

| | |
|---|---|
| Output power | 10W per channel max |
| Frequency response | 20Hz- 20 kHz |
| Operating voltage | 230 Vac 50Hz |
| Max input current | 85mA. Fuse at 3 Amp |
| Input power | 20VA max |
| Dimensions | 130 x 130 x 75 |
| Weight | 0.8kg |
| Ingress protection | IPX5 |


**BathSound®  Patent GB 2465039**



---

 **Patent GB 2465039**

-----------------------------------------------------------------

Ei Whirlpools and Spas Ltd Unit 20A Moat Way Barwell LE9 8EY 01455 848500


## Introduction:
BathSound® converts any plastic / GRP bath into an audible loud speaker. Designed for the bathroom environment enabling the amplification of sound Via Bluetooth. Streaming music from devices as MP3 players / Mobile Phones.

**Devices must support Bluetooth A2DP profile.**


## Uses:
- Stand alone audio system amplifier for
- Domestic baths, Small Hot tubs
- Shower panels, Saunas, Steam rooms
- Compliment Whirlpool Spa installations


Bluetooth® CODE Number 1234

------------------------------------------------------------------

Ei Whirlpools and Spas Ltd Unit 20A Moat Way Barwell LE9 8EY 01455 848500

## System Component Parts

1. Electronic control box
2. LED Volume control lead
3. Sound transmission pad x 2
4. Exciters x 2

5. RCCD (not supplied)

## Mounting the LED Volume control

1. Choose a mounting location with a flat surface to accommodate the LED volume control.
The bath rim or bath panel is an ideal place.
2. There must be at least 32mm of clearance behind the mounting area for the volume control
3. Drill 22mm hole. For the volume control
4. Fix LED volume control with back nut; Run the cable; make connections to the control box. And tighten the locking nut

------------------------------------------------------------------

Ei Whirlpools and Spas Ltd Unit 20A Moat Way Barwell LE9 8EY 01455 848500
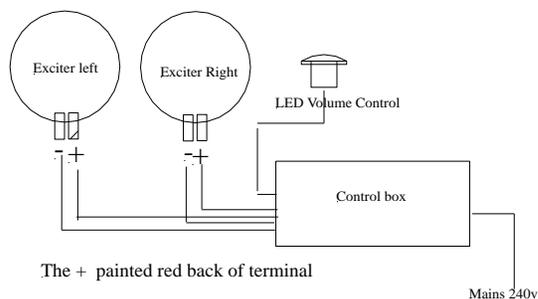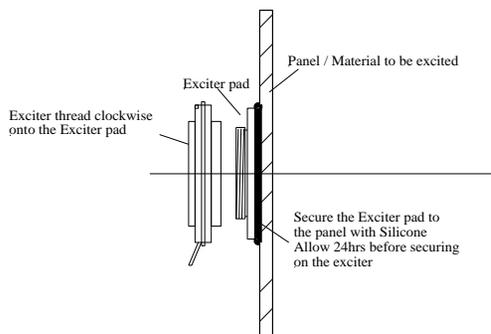
## Note:
In some circumstances the Bluetooth connection may fail due to interference from another source, excessive static or the device being out of range. If this should happen ensure the system is in Search Mode and re-connect to it.
It is recommended that the unit be turned off at the mains when not in use.

## Warranty

BathSound ® audio systems are warranted to free of defects in materials and workmanship for a period of 12 months. Warranty is subject to proper installation and operation within published specifications. Ei Whirlpools and Spas Ltd will repair or replace at its discretion, any unit returned pre-paid to its factory and determined to be defective. Ei Whirlpools and Spas Ltd are not liable for consequential damages.

--------------------------------------------------------------------

Ei Whirlpools and Spas Ltd Unit 20A Moat Way Barwell LE9 8EY 01

Ei Whirlpools and Spas Ltd
BathSound II Installation
01455 848500

Panel / Material to be excited

Exciter pad

Exciter thread clockwise
onto the Exciter pad

Secure the Exciter pad to
the panel with Silicone
Allow 24hrs before securing
on the exciter

Exciter left

Exciter Right

LED Volume Control

Control box

The + painted red back of terminal

Mains 240v

If the BatSound installation is in a bathroom / wet room
the mains supply to the control box must be via a RCCD
positioned outside the bathroom.
The control box in this instance must be located behind the
secured bath panel / vanity unit.

--------------------------------------------------------------------

Ei Whirlpools and Spas Ltd Unit 20A Moat Way Barwell LE9 8EY 01455 848500

## Installation Instructions

1. Choose flat surface on each side of the bath to fix the Sound transmission pads (Middle of the bath side ¾ up from the bottom of the bath.)
2. Apply silicone sealant to each pad and attach to the bath Leave for 24hours.
3. Screw thread  the two exciters securely onto the transmission pads
4. Choose a position for the Electronic control box under the bath, which can be assessable on removal of the bath panel.
5. Connect the leads from the control box to the exciters Pay close attention to polarity (+ to +  red   - to – white)
6. Cover the exciters with the dust caps supplied.
7. **This BathSound system must be installed with a residual current protection device (RCCB).In conjunction with a readily accessible disconnect device. Switched fused spur with 3Amp fuse. These should be positioned outside the bathroom where it is accessible for periodic testing, in accordance with I.E.E. wiring regulations. Connection of the mains supply must be carried out via a qualified electrician and in compliance with the current electrical directive /regulations.**

-------------------------------------------------------------------

## User Instructions

1.  On your music source or phone turn on Bluetooth and **adjust the volume to mid range**.
2.  Turn on the electricity supply to BathSound®.  The control knob LED will flash as it searches to pair with your device.  It is now in Search mode.
3.  Use your device to search for BathSound® and pair with it.  The code to pair is on page 1.  You will have about 90 seconds to do this before BathSound® goes to Standby mode.
4.  When paired successfully the control knob LED will stay permanently on and it is in paired mode.
5.  Use the control knob to adjust the volume through BathSound®.
6.  At the end of the session, un-pair BathSound® or switch off Bluetooth from your device.  BathSound® will search for another device for a short time, and then go to Standby mode.
7.  In Standby mode the LED only flashes briefly every few seconds.  If you want to connect to it from this mode, ensure the volume is turned to minimum, and then turn it up until the LED flashes with longer pulses.  BathSound® will now be in Search mode and you can pair with it as in para 2 above.

-------------------------------------------------------------------

8.  Summary of modes:
    Standby mode    LED flashes quickly every  three seconds
    Search mode      LED flashes regularly
      (About 1/2 second on  1/2 second off)
    Paired mode       LED is permanently on

9.  It is recommended that when not in use the system is switched off at the mains. 3Amp fused spur outside the bathroom. See installation instructions para 7.

10. If the volume is turned excessively high the volume will cut off. Turn the volume down to resume

## Trouble shooting

Unable to find BathSound®
*Make sure the BathSound® is also looking for devices (LED flashing quickly) as Para 7.  above.*
Unable to log on to the BathSound®
*It may take several attempts to log on.  Be sure you have Bluetooth turned on your device and it is looking for other devices.  Under extreme circumstances you may have to reset the system by switching off the mains, waiting for 20 seconds, then switching back on again.*
*For best quality sound set the volume mid way on your device and adjust the BathSound volume control.*