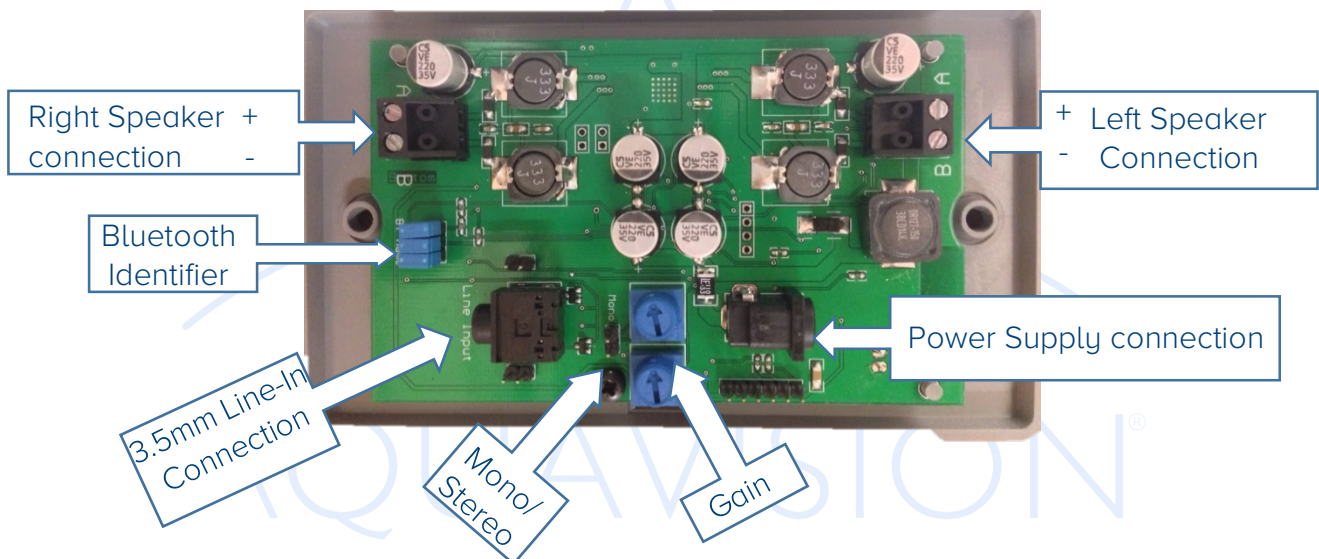


# Echo Installation and Operating Instructions

*Installation should only be carried out by a competent installer or electrician, as a certain amount of electrical knowledge is required. Aquavision recommend you use a qualified electrician operating to current regulations.*

Do not install near any heat sources such as radiators, stoves, or other apparatus that produce heat. The mains connection should be via a fused and switched mains outlet. Aquavision Echo is not IP rated, however if care is taken when installing the amplifier and power supply it may be used in zone 3 installations.

## Connection Details



1. When connecting the loudspeakers, make sure you observe the polarity. This amplifier is fully bridged so there is NOT a common ground or return connection. We recommend that only one speaker is connected to each side of this amplifier.

**Failure to do so could damage the amplifier and this will not be covered under your guarantee.**

2. Check all connections and then fasten the panel into the mounting box.
3. Switch on the power source and observe the LED's. The blue "Bluetooth" LED should be flashing slowly. The RED LED indicates that the unit is in standby. Flashing blue LED indicates that no Bluetooth device is connected. Static blue LED shows device is paired and ready to amplify. (If your device requests a pairing code, please enter 1234)
4. The default Bluetooth ID is "Aquavision". If you have more than one Bluetooth amplifier or you wish to change the ID to make each amplifier unique, see "Link 1" table on next page.
5. When the amplifier is fully installed, apply the membrane overlay. Once stuck down this cannot be removed without damaging it. Replacement front panels are available.

Power output	20W RMS per channel into 4ohms
THD + Noise	0.15% (4ohm load, 1KHz, 8W power)
Bandwidth	20Hz to 22KHz
Fuse	self-resetting 3A built in – to reset, remove power for at least 20 seconds, clear fault and reconnect.
Amplifier topology	full bridge mode all speaker connections are live ( no common ground connection)
SNR	98dB
Voltage gain	33dB Input required to produce full output: approx. 775mV

## Technical Specification

### Setting up the Zone Names:

Your Aquavision Echo can have 8 different Bluetooth identifier names that will make choosing the correct zone to pair to much easier. The Default name will be “Aquavision” but by changing the internal link pins, this can be changed to one of the following

#### Zone name:

- Aquavision [Default]
- Zone 1
- Bathroom
- Zone 2
- Kitchen
- Zone 3
- Bedroom
- Zone 4

#### Jumper configuration:

Link Position	Bluetooth Identifier	Link Position	Bluetooth Identifier
	Aquavision (Default)		Kitchen
	Bathroom		Bedroom
	Zone 1		Zone 3
	Zone 2		Zone 4

	Denotes link pin in place
	Denotes link pin removed

## Installation details

Flush metal box:



72 x 131 x 35 mm

Plastic surface mount:



86 x 146 x 29 mm

AVF4- Speakers



Cutout 170mm, Overall 190mm  
(Other speakers sizes may vary.)



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