



PA System setup instructions

Other than the Radios, the PA allows communications to all on site (if set up correctly).

The PA System lives in the caravan and is usually set up by the Club assigned the task.

The Amplifier will stay in the caravan and be connected to 240VAC with cables coming out the window for speakers and mic (although in bad weather our announcer stays in the caravan).

The speakers can be set up left and right or in series in one line, which is usual at Aquatic, with one pointing left and one right. Ensure that the speakers that are pointing to the right are NOT FACING TOWARDS TO NEIGHBOUR UNITS.

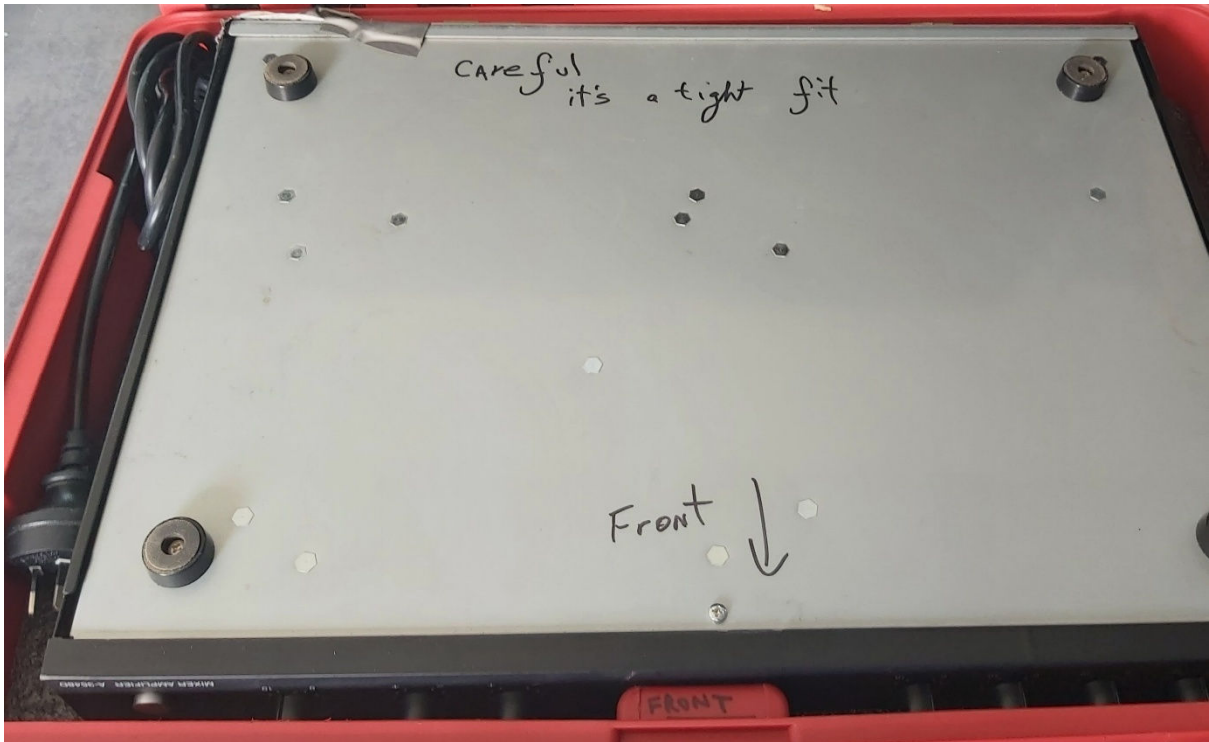


This is the Amp Box on the shelf.

Be careful when removing or replacing the Amp in its box, it's a tight fit and its upside down.

Do not apply power 240vac until everything is connected.

And please **Do not apply power 240vac until everything is connected.**

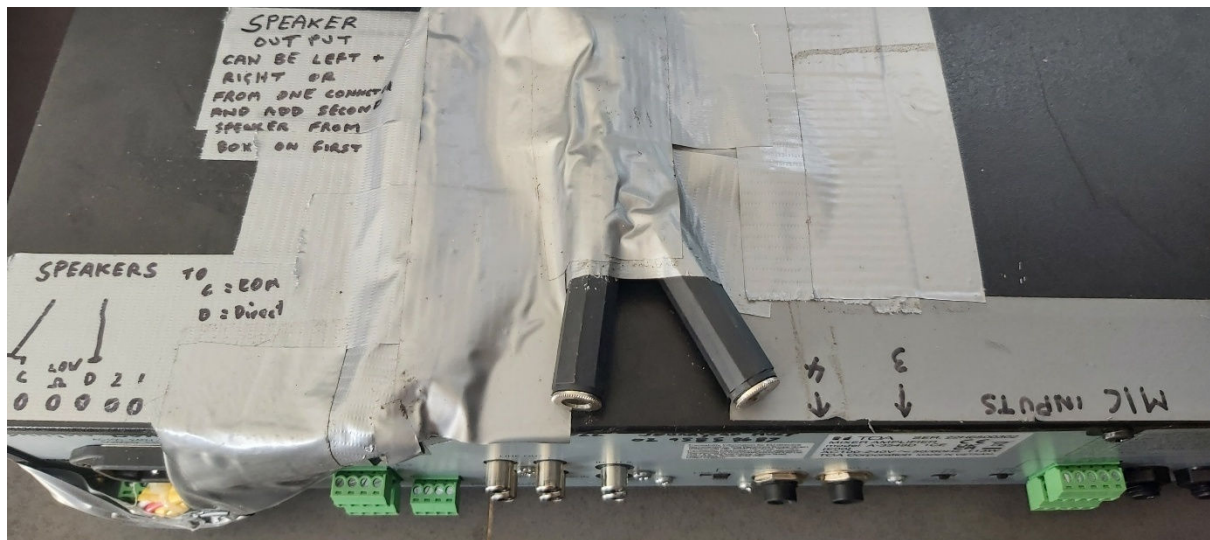


Place the Amp on the right hand side of the bench. Put the box back on the shelf.

Find the box with the Microphones and remove one or two mics as needed. Put the box Back on the shelf.



At the top of the Amp there are instructions.



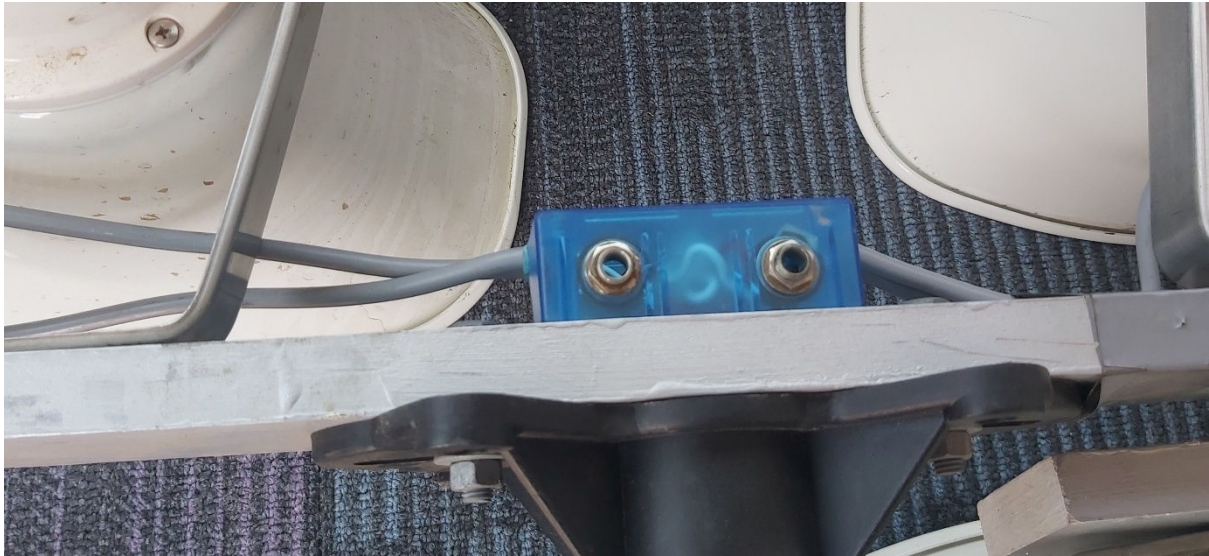
We will need to find the speaker cables and as can be seen they will be connected to one or both of the plugs on top depending on position of the speakers.

The microphones will be connected to inputs 1,2,3 or 4 – note which ones, it becomes important later.



This is what the cable reels look like, usually stored under the bench.

If we choose to run both speakers on the same side of the caravan only one cable needs be connected as the other will 'daisy chain' from the top of the first speaker.



The connection on top of the speaker bar looks like this and it doesn't matter which is in or out. There are 4 speakers on each bar and the speakers can be rotated slightly to direct sound.



The speaker stands/ poles are under the long seat where the speakers are usually stored.



Note how the stand looks folded up.

The erected stand has yet to be fully extended both in height and leg spread for better stability.



Spread the legs and tighten the knob. Sandbags to be placed onto the legs to prevent the stands from falling over in strong winds.



The box on the speaker bar connects back to the Amp and the next speaker pole if you wish.



Note the top shaft can be extended, supported by a pin to the required height and the knob tightened to prevent spinning, same at the top where the speaker bar fits.

The next important part,



It will not work unless connected to a live power point.

The power cable is stored with the amplifier.

The on/off switch needs to be in the on position – a light comes on.

The master volume needs to be set.

AND the volume control for the microphone (note INPUT number from earlier step).

Turn all unused inputs to 0.

Treble and Bass I usually set to TDC (top dead center).

Maybe turn the treble down for some announcers and the bass up.

When testing, be careful about too much (almost any) noise before 9am.