

# Underwater Sound Systems

The speaker guts SL600UC contains a 20-watt loud speaker of 8 ohms, to be installed under water in our standard niche (pu9). The main working part is completely encased in rubber, which eliminates corrosion and electrolysis damage.

Because water is denser than air, sound travels well but does require a little more power to move the water. Care must be taken not to overpower the unit as damage may occur.

As most amplifier systems require two speakers for stereo reproduction, two speakers must be connected to prevent amplifier damage.

Each underwater speaker must be isolated from the amplifier unit by means of the isolation transformer (SL600TC). Each speaker unit comes with a length of waterproof double insulated cable embedded into the rubber housing, this can be extended if required. A pools side junction deck box (PU10N) is recommended for ease of future access.

The Speakers should be installed to a depth of at least 1 metre, to avoid sound disruption by surface currents. Two loudspeakers will be sufficient for a quiet swimming pool of 20 meters x 10 meters.

These Speakers are not designed for out of water use, if used out of water over heating may occur.

Excessive bass frequencies will damage this unit therefore do not apply bass boost also over-driving these speakers will void any warranty.

Please ensure these speakers are connected to the correct power source – LOW IMPEDANCE AMPLIFIER ONLY via the isolation transformer.

**DO NOT CONNECT TO MAINS POWER.**

20 watts  
8 Ohms  
Frequency 250Hz - 14KHz

For connections to mains operated equipment please refer to the IEE wiring regulations; section 602 for swimming pools



SL600UC

PU10N



SL600TC

