

Product preview : 27/10/16

Peersonic solutions are all based around the same electronic board (the RPA family). So the user can start with a minimum cost recorder and upgrade or change enclosures and solutions, without having to re-invest.

At the very minimum Peersonic are happy to supply the electronics board alone with or without a microphone, hobbyists or system integrators can implement in their own bespoke way.

Here are the standard solutions.



RPA2 on tripod RPA3 with USB pack power cable and pulsed load

The RPA2 and RPA3 are functionally the same, the RPA3 takes a little less power and comes with a USB power cable.

Both RPA2 and RPA3 can be powered from the USB data socket, however the RPA3 external USB cable disconnects the internal batteries, gives a display of battery voltage and allows external power use with Sleep Mode.

The RPA family can be converted to use a remote microphone on up to 10 metres of standard audio stereo cable.



The remote microphone is also part of the IP66/67 solution. This has a battery management board which ensures 3 rechargeable "D" cells are not overstressed. The main unit is submersible to some extent and more than weatherproof.



Remote Microphone and IP67 enclosure : A crude submersion test.

Weatherproof and good for 1-2 nights static survey in variable weather conditions is the COG enclosure. Available as an alternative enclosure for an existing RPA recorder, or as a fully installed unit. This is a low cost upgrade to static survey with rain proofing for peace of mind.



The COG consists of an enclosure with an aperture for the installed mic to receive sound. The RPA fits on a plinth inside, and a tripod mount is also supplied.

Other items are available individually, or as required.

The pulsed load to keep a 3rd party USB battery pack awake:



The pulsed load is not enclosed, it is a low cost gizmo solution at this stage.

Also -

Alternative microphones or microphone replacements.

Replacement electronics for the remote microphone if required.

The RPA3 power cable.

And all other components please enquire in case of loss or damage.



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