



## CPM1600 Continuous Play Sound Module

Thank you for purchasing one of our Modules. We hope it will give you many years of trouble free service. If you have any problems with your module, please either email or contact our technical support helpline first on the number provided on the last page. We are sorry that it is a mobile number, but we work between three sites and find that our mobiles are far more versatile for our non –electronic communication needs.

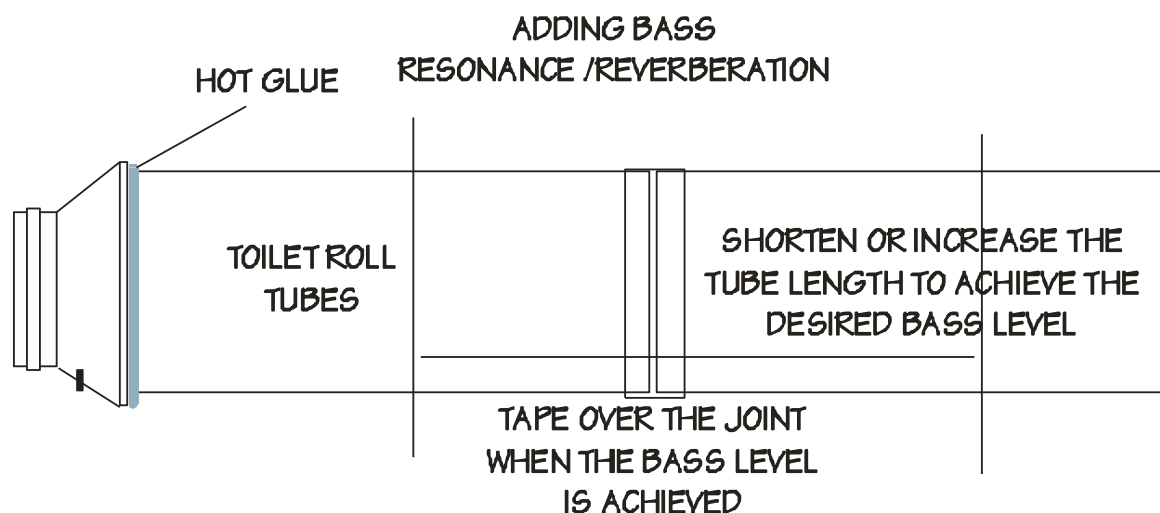
Before pressing your module into service, please carefully read through the installation drawings, notes and information below.

It may well be we are ‘showing Grandma how to suck an egg’ or as we find, information such as below is sometimes priceless knowledge, and something which we have gained of over 40 years of Avionic Electronic Engineering Design and Construction experience.

Your Module has been factory set and programmed to playback one Sound continuously with the only adjustment being an onboard Micro Preset which will allow you to change the Playback Pitch (speed) of the recorded sound. The Playback Sound is factory preset to what we consider to be accurate but by ‘Carefully’ rotating the preset with a 1.3mm Watchmaker’s Screwdriver in either direction you can change the output to sound more like what you think it should be.

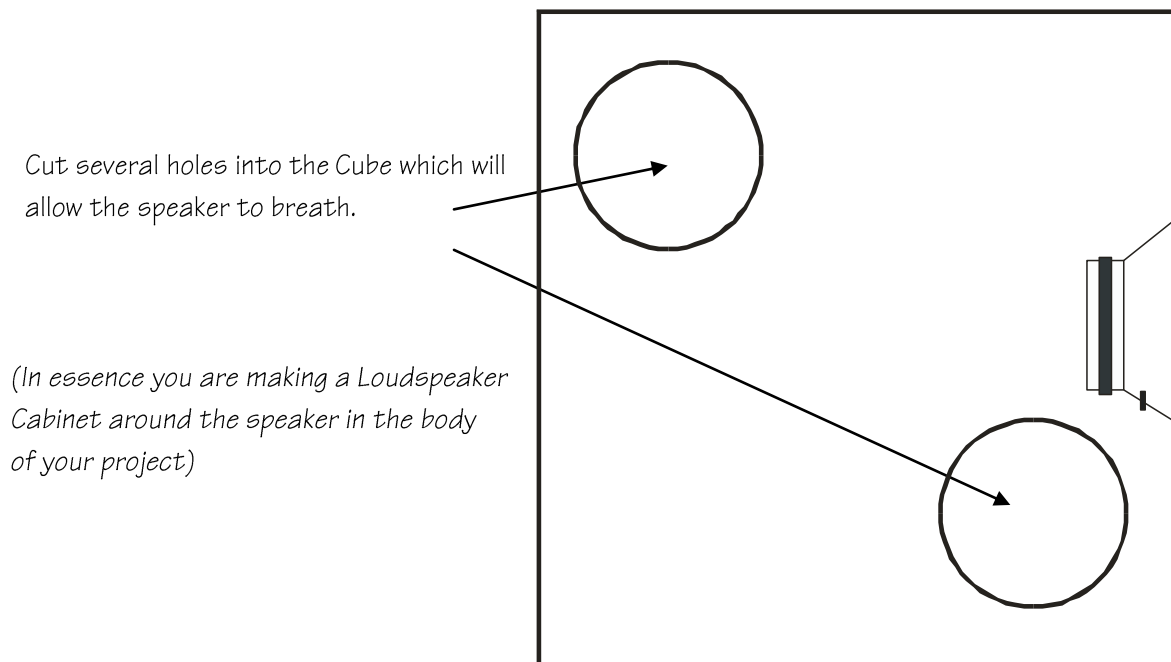
Although the module is designated as ‘continuous output’ several conditions from variations in supply current to thermal rise may cause the output to halt. If this should occur the output can be restored by an Off/On cycle.

The Output is uncompressed High Quality ‘Real-Time’ Audio and as such you may need to optimise the sound bass depth and quality. Several little tips, one of which is to carefully Soft Glue a Cardboard Tube to the Speaker, then cut the tube length to optimise the sound.



Generally, good quality sound reproduction on is more of an ‘Art than a Science’ as there are so many variables which can make phenomenal differences to the output quality, and again what works really well for a ‘Fog-Horn’ Module may be useless for a Heavy Ordinance Cannon. However with very simple and inexpensive experimentation the module will out-perform most of its competitors in both Sound Output Quality and expensive power consumption in the field.

Another more in depth method is construct a 100mm Cube (approx) in stiff cardboard or Balsa Wood around the back of the speaker creating a resonance chamber which will add further bass quality and resonance.



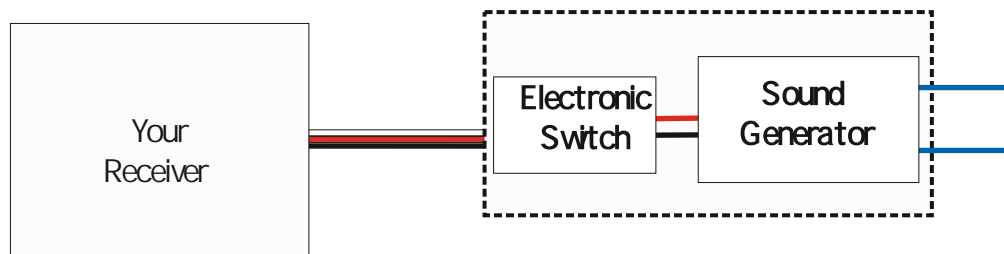
Should you need technical support for your purchase, please call + between 9:30am and 4:00pm Monday to Friday. Or, us the CALLBACK feature on the CONTACT US Page of our website

Email: [support@mr-rcworld.co.uk](mailto:support@mr-rcworld.co.uk)

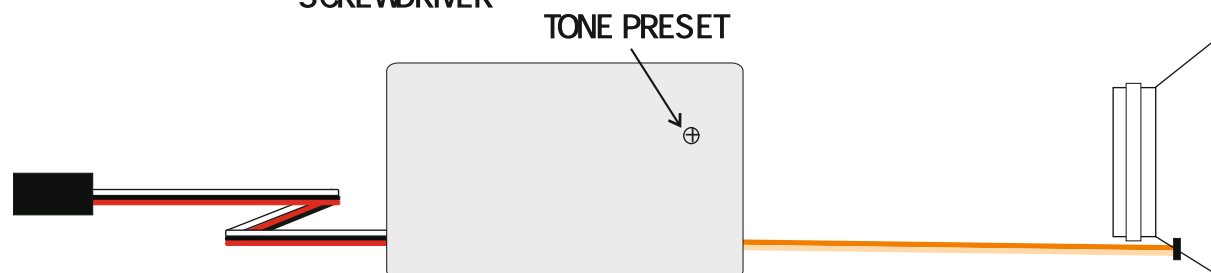
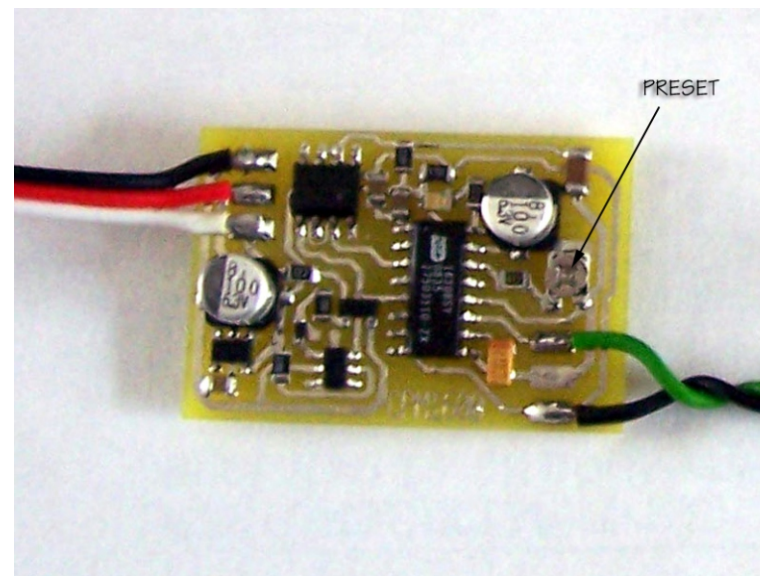
E.&O.E.

*Please Note...* (for purchases of more than one Module)

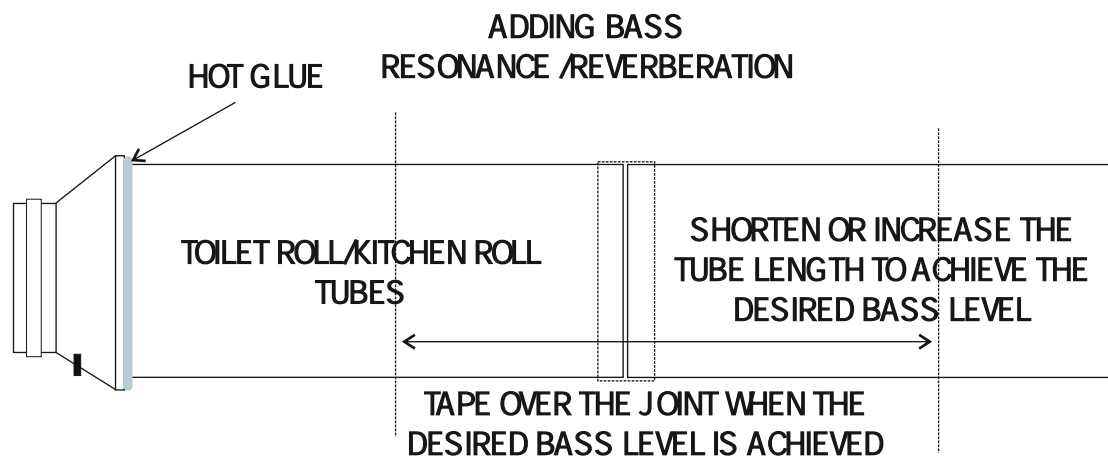
To maintain our multiple order carriage discounts to you, if your order was for more than one module of the same kind, we will only have sent you one set of documentation. If you need more copies, please contact us to where we will send you printable .pdf's or you can download a copy from our website, [www.mr-rcworld.co.uk](http://www.mr-rcworld.co.uk).



THE TONE AND PITCH OF THE RECORDER SOUND CAN BE CHANGED BY CAREFULLY ADJUSTING THE PRESET WITH EITHER A TRIMMING TOOL OR A 13mm JEWELLERS SCREWDRIVER



THE MODULE WILL PLAY THE PRE-RECORDED SOUND CONTINUOUSLY WHEN A VALID RC SIGNAL IS TRANSMITTED AND RECEIVED.



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|-----------------------------|-------------------|-------------|
| Rev No                      |                   | Mr RC WORLD |
| FEB 2011                    |                   |             |
| RC Switched Continuous Play |                   |             |
| Sound Module                |                   |             |
|                             |                   |             |
| Eng.                        |                   |             |
| Scale 1:1                   | Drawing No 1 of 1 |             |