

Vortex 3 Real-Time Voice Changing Module

PROJECT BOX MOUNTING 4AA/9V VERSION

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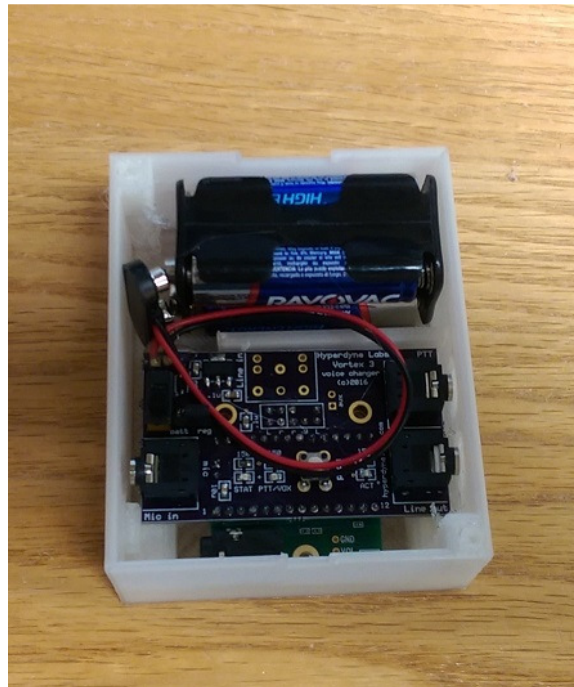
<http://www.hyperdynelabs.com>

If you are mounting the unit inside your helmet, **you want to make sure you do not get it wet.** *That includes condensation, sweat, etc.* These things can short out the board and render it inoperable. A good way to protect the board is to use epoxy, hot glue, or even heat shrink wrap. If your board gets wet or stops operating, turn it off and let it air dry completely before turning it back on. You can also mount the boards inside a plastic project box to protect them.

3D printed project box (new 6V 4AA / 9V version)

Our newer 3D printed Vortex project box, has room for a 4AA battery holder (6V) or a 9V battery.

***** Please read the Vortex 3 instructions on properly using
*** a 6V battery source versus a 9V battery *****



The board will fit inside and secured with the lid. The board is a friction fit and only goes in one way. Holes for 3.5mm cables are on the side of the box.

The lid is keyed with 2 rectangular catch blocks. If you also want to use the button plunger, you can install that under the lid and close the box up so the plunger sits atop the programming button. There are areas to see the LEDs and a cutout for the power on/off switch.

There is also a column printed on the backside of the lid that will press down on the mounted Vortex unit to secure it when the lid is secured.

NOTE: Handle your board as you would any piece of delicate electronics! Do not get it wet and do not handle it without grounding yourself first! Even a static shock can destroy the delicate components on the board. I suggest when installing the board, insulate it with non-static foam, hot glue, or other material. Handle the board around its edges when moving it. We are not responsible for boards that are rendered useless by improper handling.

If you are not familiar with static electricity handling procedures, please refer to ESD procedures. Basic information on ESD can be found here: http://en.wikipedia.org/wiki/Electrostatic_discharge



If you want to further seal the box from outside wetness, you can use a rubber block to place in the on/off lid cutout so condensation does not get inside the box. You can also place a small bag of dessicant inside the box to soak up any water condensation.

There are also 2 screw holes in the lid that allows you to further secure the lid to the box body.

Here is a pic of the button plunger installed:



NOTICE: There is no warranty on kits. It is your responsibility to install the board. Opened kits cannot be returned. Be careful if you plan to use a battery source that is capable of delivering alot of current. Contact a professional if you need assistance. Hyperdyne Labs assumes no responsibility for the misuse of this kit.