

WADER SENSITIVITY MOD

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Anyone who has used a Wader knows sensitivity drops off along with depth below 8 on the indicator marks on the ear cup. Basically, I found the sensitivity control rather useless below the setting of 9 if you want to keep depth. There's a whole range of control from 0-7 that is wasted and never used. This mod is going to help fix that.

I have been running my Wader tuned to run a bit noisey (chatter) at 10 and to start to fade when the sensitivity pot is turned slightly from just before it click to 9. For my hunting this is perfect. If you notice as mentioned above, a very narrow range of usable sensitivity. If you clicked down to 9 you start to go into a silent hunting mode.

The mod, that I thought up with early 2013 was to expand the usable sensitivity without having to make any circuit change. This mod changes the range and works wonderfully. Original usable range from 8-10 is now spread further apart to 5-10 on the earcup markings. The range 1-7 falls into the range of 1-5.

How was this done?

By switching out the control pot in the earcup to a REVERSE LOG (Anti-Log) TAPER pot. Cost 50 cents.

Since this was originally just going to be an experiment, I did not attempt to find a direct replacement pot. I went with a similar inexpensive Alpha Brand pot. So the shaft length is a bit short. Since the shaft was short I could not reuse the waterproof nut that holds the pot secure to the earcup. In place of the waterproof nut a o-ring was fitted with just a slight dab of the same silicone grease used to lube the earcup o-ring. A new knob was pressed on.

Before inserting the new pot back into place in the earcup, a dab of Marine waterproof goop was place on the base of the pot.

Pot is an Alpha C100K with the dust cover removed



