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MAKING OF BLACK MAMBA

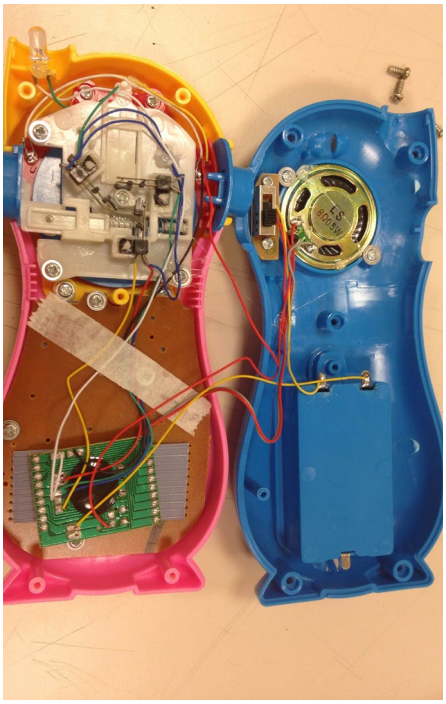
First we bought our toy. Our toy was a multi voice telephone that switches it sounds with every push on its tools. It works with two AA and to be honest it was not really have high quality of sound. It was very cheap. But thats the point. Doing something good with cheap stuff.

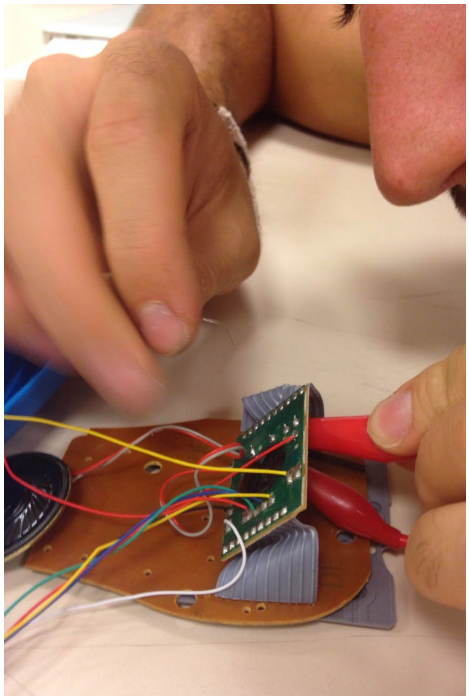
It has got lots of butons and sound modes but there weren't any severe differences between sounds. So that we deactivated most of them and focused on a single sound.

The duty of the project is change and deform the sound. Thats why we primarily focused sound system. Interfering with the speakers and sound output will come later. Changing the sound is mainly breaks through from the resistance. We deactivated systems default resistence and implemented a 1M adjustable resistnce.

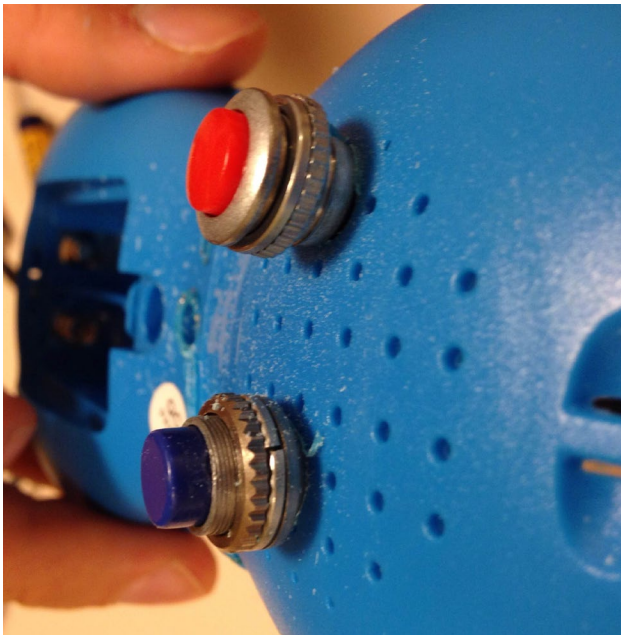
Second step was opening the telephone and analyze it. After that with the help of screwdriver, we opened up the telephone and start to look. It doesnt have got that much complicated system. But it takes time to know it. You have to understand what is going on and hows the cables are connected to each other. It takes time, yes, but the process after that is fun.

The resistance is the key point. First we found where is the main resistance and try voice combines. For example you can take note as “1,9 combination is ...” After that when you choose your final combination, go and stick your resistances to your new cables. First we work with crocodile cable heads to see the resistance and after decicions we change it for real cables.
It started to give noises that we choose. But we had a problem. It was so routinized. Then we thought about make a change. So we took a part out one of resistances cable.





For the first 2 voices, we made switch buttons to change it with the help of the devices. But later on when we change the noises, it becomes unnecessary.



There are really strange and funny sounds are going on now, we put our system in a box and called it ‘black mamba’.