

## Spooky2 System Module aka Advanced Kit: a way of assembling to make it compact and... friendly

This article may be especially interesting for people who do not suffer from too much room at home;)

updated on July 21, 2016

About a year ago I wrote [an article](#) in which I elaborated on a necessity of using four Spooky2 generators as a reasonably combined unit / module, and a need of making such a module more compact.

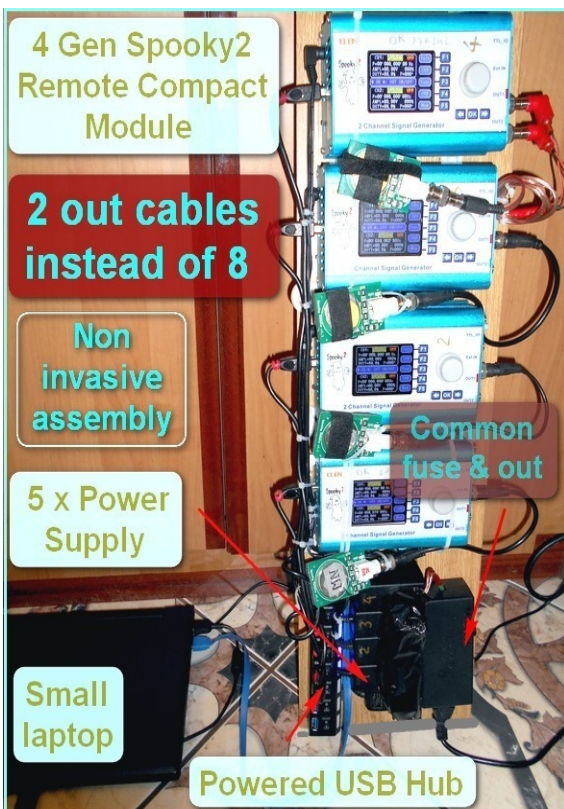
Over a year has passed and I am even more convinced it is necessary to use such a compact Spooky2 Module. Many of you may agree, that constant development of Spooky2 movement confirms high efficacy of using at least four Spooky2 generators as a module representing reasonable power to cope with serious health challenges of these days.

But using four generators as they come, is sometimes a cumbersome task. They occupy so much room. This is my case. Let's admit it, four generators do need much room. In my study, I suffer of a serious lack of room. All shelves are full of books. If I use the floor to put and connect the four generators and accompanying cables and power supply adaptors, the cleaning assistant is always disconnecting or breaks something. Then again, I cannot use the window-sill, since my wife - nobody knows why;) - hates it. So every time I want to use my Spooky2 generators – well, all over again, means getting them from the very bottom of the wardrobe, connecting everything, noticing one generator is „missing”, reconnecting, resetting, booting, well, I think you can see my point. And finally, after the „Spooky Procedure”, everything has to be disconnected, put in boxes and hidden on the bottom of the wardrobe – to regain some room. As a result, my Spooky2 generators started to spend more and more out of sight and... use.

Well, I've found a solution. I've decided to fasten all four generators and their power supply adaptors, as well as a powered USB hub, a common fuse, and main switch, on a plywood plank.

Only after finishing this job did I realize how important it was. No more numerous unsecure cable and power supply connections. And... it nearly does not need room! It can be leant against anything; a wall or a chest of drawers. It can be hang on a wall or a side of a piece of furniture. The picture beside: notice, the Module is standing, not lying.

My four generator module works hard, covered with sweat ;), hang on the side of the wardrobe, and it looks as if it was not there at all :). I've regained much room in my study, uff. I do not have to keep connecting and then disconnecting the equipment.



Ilustracja 1: Four workong Spooky2 gens fastened together.

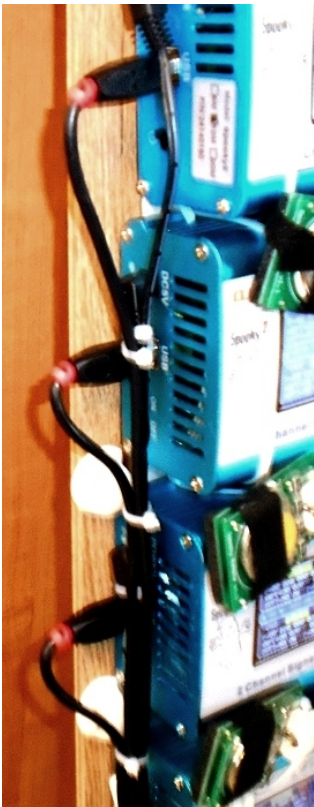
Well, nearly... since this laptop is still there, on the floor, nexto to the module. And the two cables leading to it: the USB as weel as power supply one. So I came to the

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conclusion I must stop using this laptop (being another component, which is still cumbersome) to control the module.

What to do? I decided to get a separate, small mini-computer and fasten it cleverly together with all the other components of my module. At the beginning I was thinking about a really very small microcomputer, one of these big pendrive-like looking ones. I wanted to use the HDMI socket to connect the module to the monitor to use the Spooky2. It didn't seem to be a good solution, so I finally decided to purchase a small 7 inch PIPO X8 mini PC with 7 inch screen. When I get and install it, I will update this article.

All connections are „fast and sure”. No more boots to make the System see all the generators. Below, you can see the way I connected the USB cables. These are the USB A- B ones. I bought 3 such 50 cm long ones and one 20 cm.



They fit here as if created to fit here. As it can be seen, they are secured with plastic self-gripping cable bands. Now the USB A-B cables as well as the 5V power supply ones are tightly gripped together: no more loose connections!

I used an active (powered) USB hub here, to avoid compatibility issues. Since the moment I started using this module, Spooky2 has always registered „all four”:

Spooky Remotes are kept at the desired positions with the use of pieces of velcro bands, which works just like a charm.

### Computer controlling the Module

The computer applied to control Spooky2 System should, basically, be based on Windows. The PIPO X8 Win 8.1 with 7 inch screen was chosen.

Why? Applying a desktop computer is somehow cumbersome. Generators cannot be moved around, as they are hooked up to the computer. Using a laptop does not introduce much change. How to move around a laptop together with a hub, a dozen or so cables, generators, their supply adaptors?

The idea presented here solves the matter. The Module is controlled by a minicomputer, which is fasten together with

everything else.

The whole construction does not need to be disassembled. All cables – USB as well as power supplying ones are connected the „fast and secure” way, plastic gripping bands are used to keep cables together and avoid loose connections.

The computer is used solely to run Spooky2. No Internet, no updates, no antivirus, no sudden „by itself” actions, no unnecessary processes. No nagging pop-ups. No solicitation;) to install Win10. If you use Spooky2 using your „all-tasks” computer, you may have experienced some problems, such as losing connections with generators, or generators stuck to one frequency. No such things here.

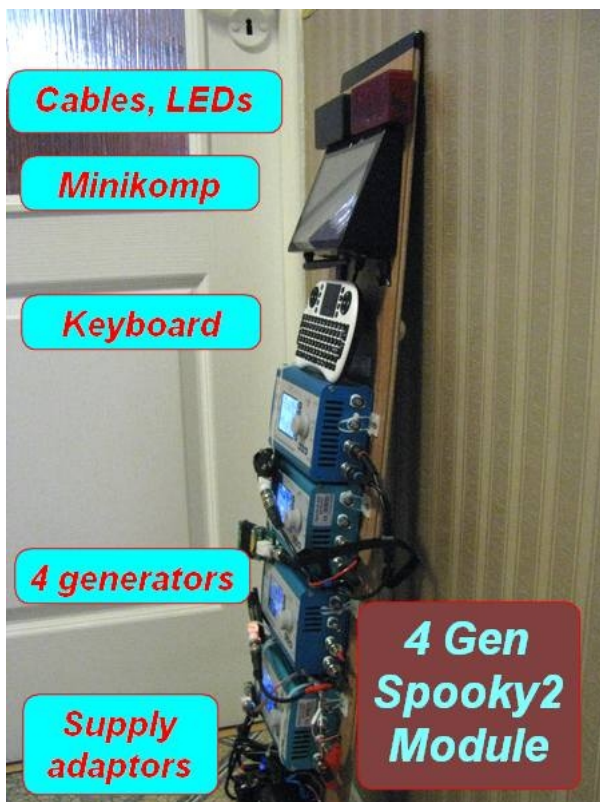
I've been using the Module for two weeks. I've experienced not a single problem. Everything is being done, as it should be done.

The picture below presents the computer.

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Ilustracja 3: PIPO X8 minicomputer with a keyboard/ touchpad I decided to use.



Ilustracja 4: Working Spooky2 4 Gen Module

### Conclusion

Such a solution makes a big change to me. I can finally use my kit on a daily basis and can see a lot of advantages to such a solution of my problem. I cannot see any

The PIPO X8 has got four USB ports and a micro SD slot. A monitor can be connected via HDMI, which is a bonus. There are no fans, the mini does not make noise. The average power consumed is just a dozen or so W; thus the mini keeps being cool.

The keyboard enables the System operator to do anything they want, just some more care needed. I like to assign tasks to generators and then make them work for several days, so rarely do I use the keyboard, which is safely fastened to the whole thing with some velcro stripe and it is easy to use it and „put it back”.

The Module can be easily moved around, so it can be – if needed – taken to a car and driven. The one and only (power supply) cable can be – in need - easily secured with a piece of two-sided velcro .

I'm thinking about a protecting shield for the computer screen in case of traveling with the Module.

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disadvantages. It's just a pleasure to work like this and I've got a feeling of working with new generation, really reliable equipment. I'm also glad about my decision to choose this minicomputer.

The Module occupies literally no place, my problems with generators and numerous cables all over the floor of my study are totally solved.

I'm sure there are more people out there, who have the problem I've just solved. I dream people will soon be able to purchase a Spooky2 four generators Module in a reduced size form. Let's admit, the main power behind this System boils down itself to the software. We use the software to control generators. Few of us uses the displays and controls of the generators, why not to get rid of them, designing something new, small and compact?

The *Spooky2 Team* has already said A, B, C, D, and, very recently, E, F, G, H of this *special new Alphabet*. So why not to go on with it? So many people keeps learning this *Alphabet* and benefiting from it.