

# How to add a push power button to your XBOX S-Type controller

- By Synapse

## Required Items -

- XBOX S-Type controller (Wireless ones won't work)
- Soldering iron
- Flux
- Solder wire
- Wire cutters
- Electrical tape
- Torx 10,15,20 screw drivers for opening your XBOX
- Small Pushbutton (One that is off normally and turns on after pushing)

## Foreword -

One problem I noticed about the XBOX is that every time you want to reset your XBOX or turn it on/off you have to leave your couch/whatever you are sitting on and walk to the console and press the power button. This may seem like a minor setback at first but over time it can get really irritating. Buying the dvd-remote kit might seem like the solution but guess what - the damm thing does not have a power button.

So what's the solution here you ask? Simple - We will be adding our own push power button to the controller which can be used to power on/off the XBOX remotely. So let's get started.

## The mod -

First we will be modifying our controller. I will be covering an S-type controller in this tutorial. Why you ask? Well, for starters I have an S-type controller and the other reason being most sites cover the other controller but none seem to talk about the S-type controller. Somebody had to do it. It might as well be me.

## Controller -

Disconnect the controller from the controller port. Flip it over to see the screw holes. There should be 3 screw holes on either side including one beneath the sticker. That makes a total of 7. The controller looks something like the following figure after it has been opened up -



Make a note of the above solder points that have been marked in yellow. There are 2 points. One of them is connected to a yellow wire (video sync) on the opposite side of the board and the other solder point is connected to a black wire (ground)

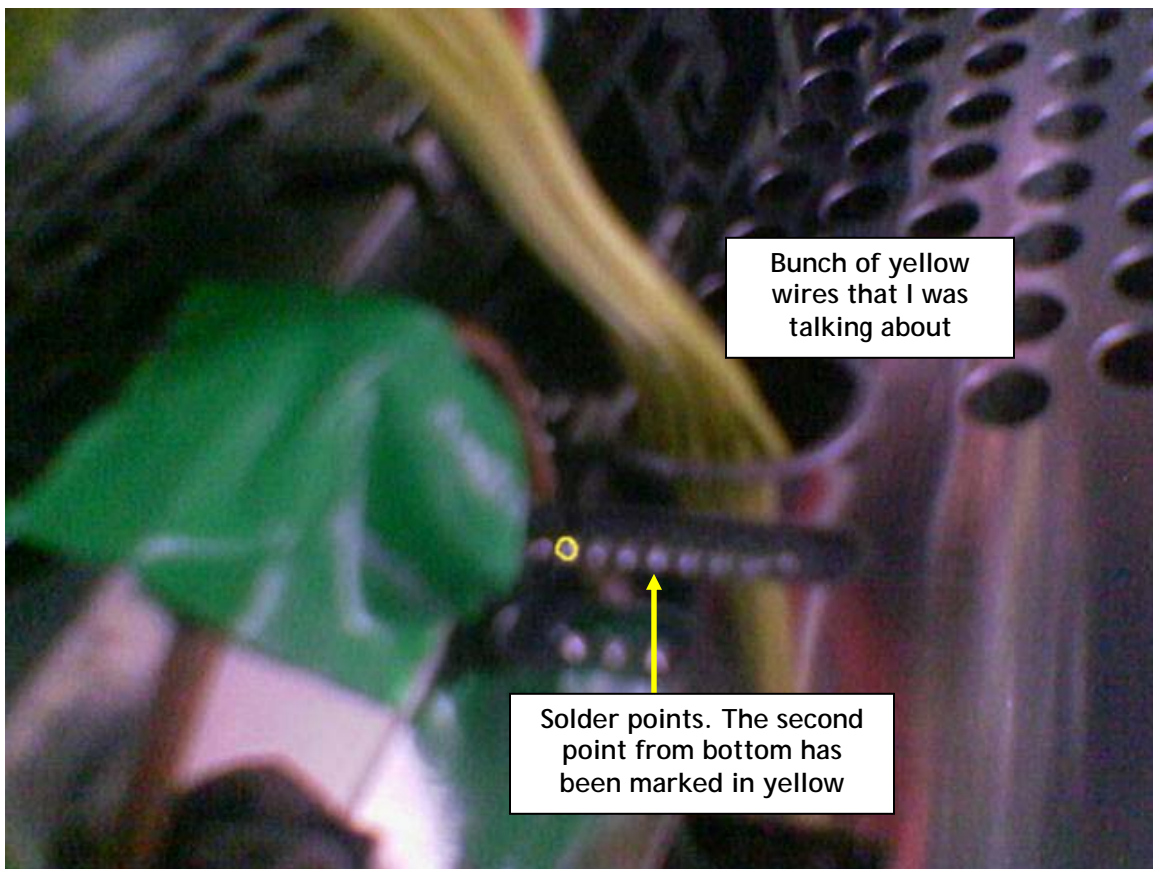
Our next step is to connect one of the legs of the push button switch to the one of the solder points and the other leg of the switch to the remaining point. Which point (marked in yellow) you connect to which leg does not matter. After the connections have been made mount the switch (using glue if you like) to some part of the controller. **I recommend using the empty memory slots as normally these aren't used.** After you have followed the above steps carefully close the controller properly without applying too much force. Your controller should now look like the following figure -



## Console -

Open up the console. There are many tutorials on the net as to how you can open up your console. As this has been covered before I won't go into details. After you have opened up your console, remove the hard disk from the way. As soon as you remove the hard disk you see a bunch of yellow wires coming out from a hole.

Just next to these wires you will see a vertical row of solder points. We have to now solder a wire to the 2<sup>nd</sup> point (start from bottom). Refer to the following figure so you don't mess up the order or point (Please excuse the blurry figure) -



The above image was clicked at an angle. A thin wire strand (brown wire) has been soldered to the point marked in yellow.

**Warning: Be very careful while soldering the wire to the point as the point is small and you could create a short. You have been warned!**

Take your time on this part it is the most difficult part of the mod. After you have soldered one end of the wire to the point marked in yellow in the above figure, solder the other end to the yellow wire coming from either of the ports. For example, if you want the push switch to work on controller port 1, then connect the other end of our wire (brown wire from figure) to the yellow wire of port 1. I chose port 1. It depends on you. Whichever port you choose, cut the yellow wire coming from it and connect it to the other end of the wire whose one end we soldered to the 2<sup>nd</sup> point (marked with the yellow circle). A thing that I forgot to mention earlier was that the yellow wire is used for video sync (steering wheels, light guns) so it doesn't make any difference cutting it. Of course you shouldn't cut it if you plan on using a steering wheel or light gun for your XBOX.

After you have followed the above steps you should have managed the following - Cut yellow wire coming from one of the controller ports. Attach this yellow wire to a strand of wire. Connect the other end of the wire strand to the solder point (marked with a yellow circle in figure above)

That's all! Tape up wires where you feel they might get pulled. Close the XBOX and press that button on the controller. No more getting up from that couch again!