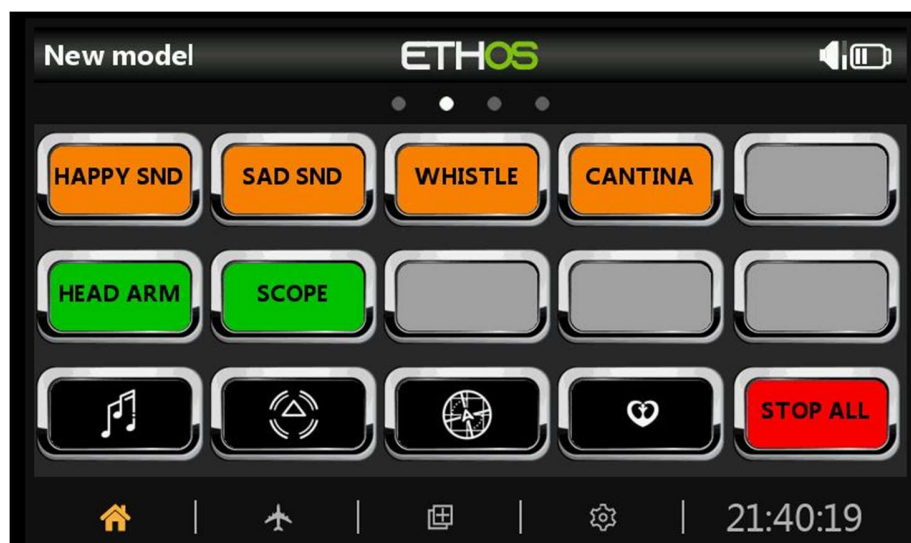




Kyberpad User Manual For Frsky Tandem Transmitters



Description:

The Kyberpad is designed to work with the Kyber Control System for droids. It replace the physical 15 buttons board and remove the need to modify your remote.

It is a LUA script you install on your Tandem family remote that display the 15 buttons pad on screen and let you setup the name and color for each buttons. It interact with the Kyber controller via the remote touch screen. It support a toggle switch to enable a second screen that give you access to another 15 buttons.

Requirements:

FrSky X18, X18S, X20, X20S, X20HD, XE and Twin X remote are supported. More in the near future.

Your remote need to be at the latest firmware version. You can find the latest firmware her:

<https://github.com/FrSkyRC/ETHOS-Feedback-Community/releases>

Kyber Controller board is required. You can buy one directly from Matt Hobbs.

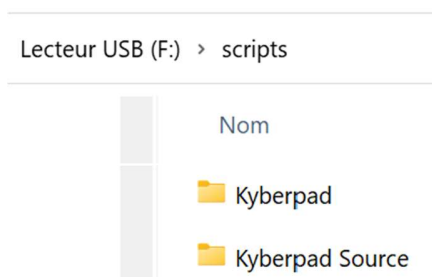
<https://www.facebook.com/groups/1341505756182087>

Change to Version 04

- Add support to : X18, X18S, XE and Twin X remotes
- Change the default name of Btn18.png to btn01.png

Installation:

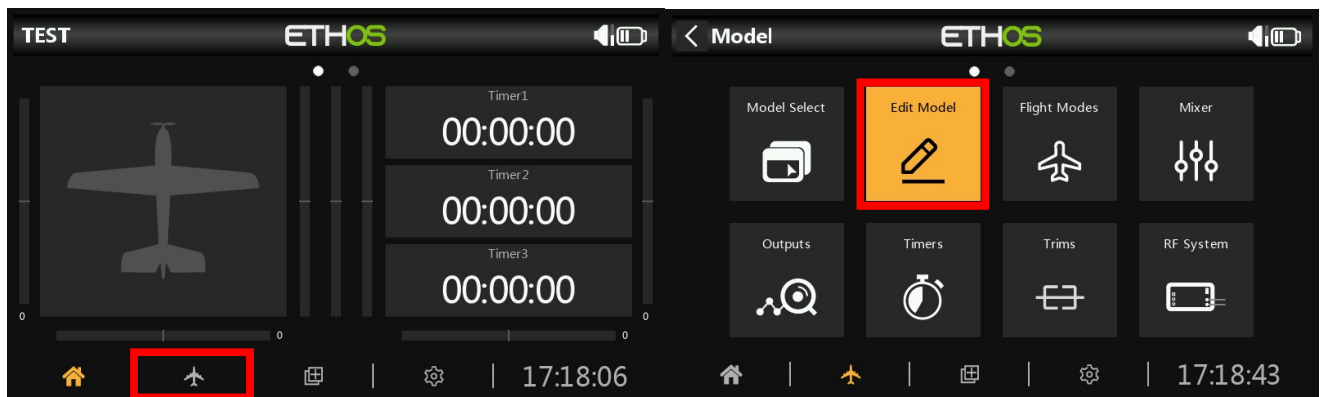
- Turn on the remote.
- Plug the USB cable to your computer.
- Chose Ethos Suite on the remote screen, press the right round button on the remote (Enter).
- Extract the files from the Kyberpad.zip file, to your remote SD card under scripts. You should now have Kyberpad and Kyberpad Source on the SD card.



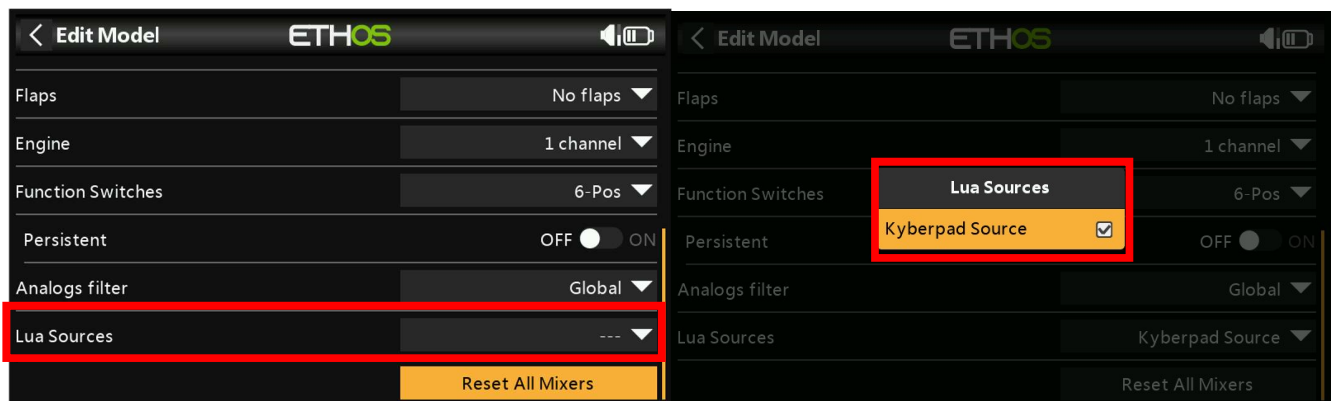
- Unplug the USB cable, turn off the remote and finally turn it back on.

Kyberpad Source Configuration:

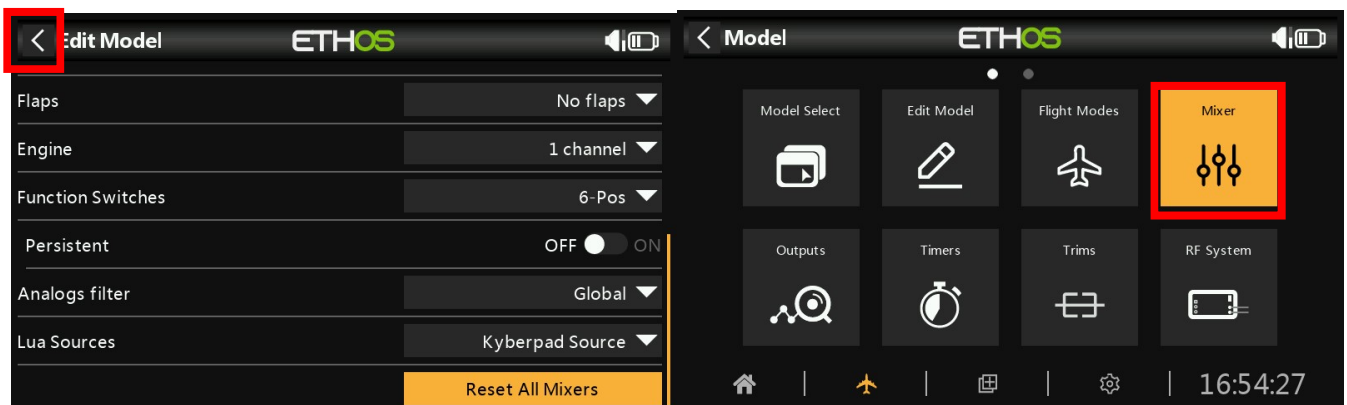
From the main screen, click on model setup then Edit Model.



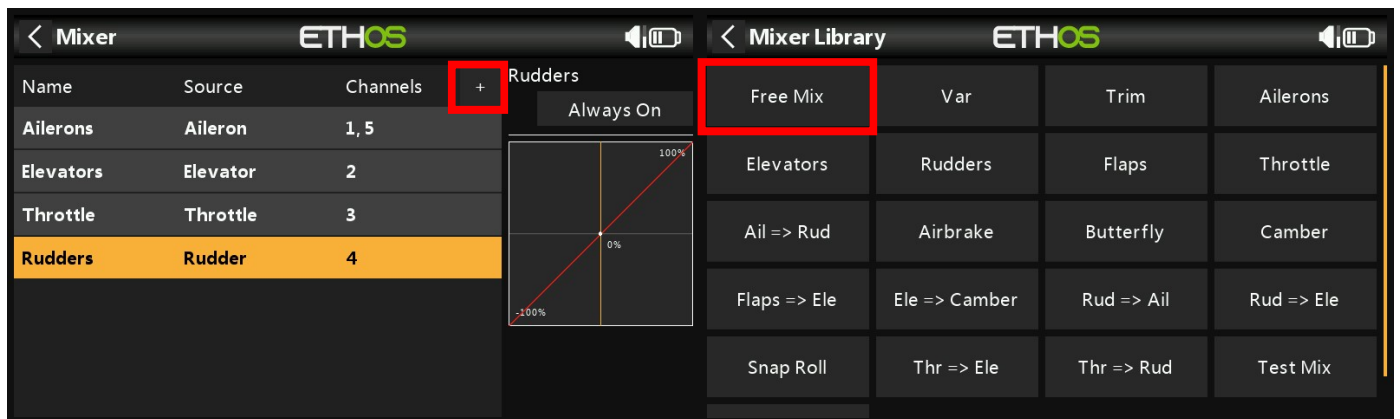
Click on Lua Sources then select Kyberpad Source.



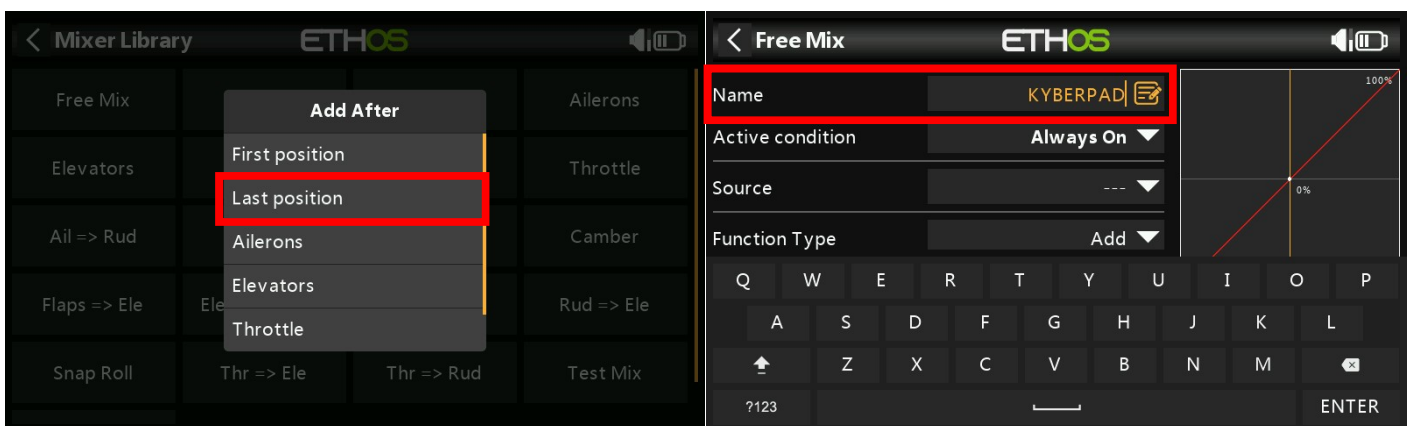
Go back to Model page then click on Mixer.



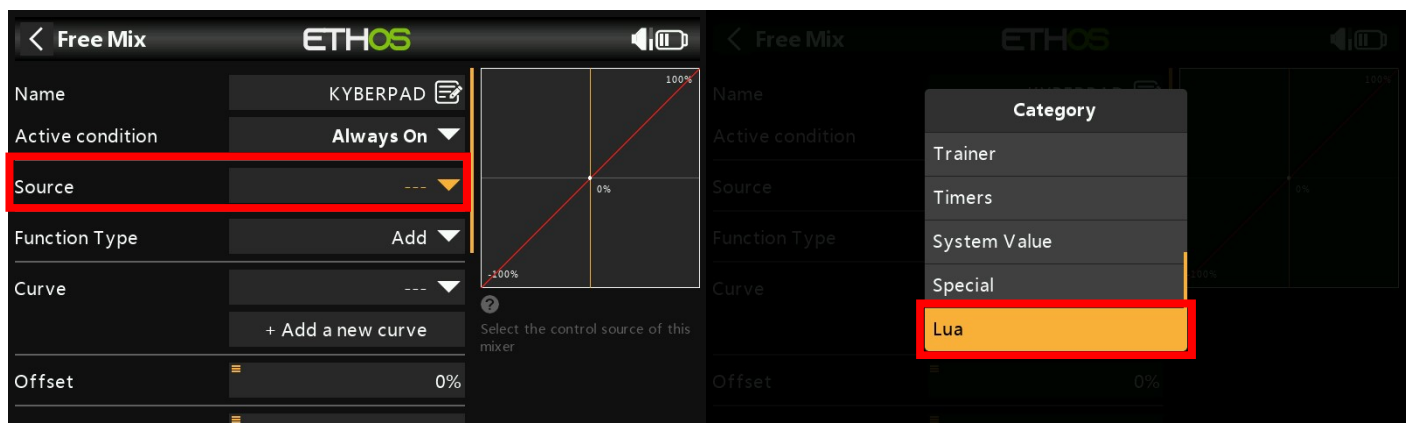
From the Mixer Setup Page, click on + sign and chose Free Mix.



Select Last Position. Enter the Name KYBERPAD for the mix.



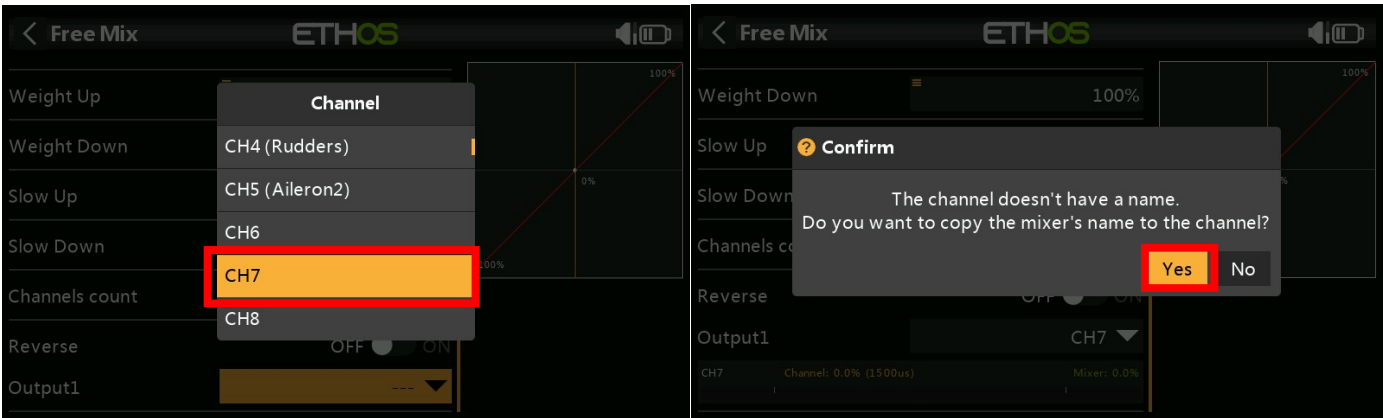
Click on source and then select LUA



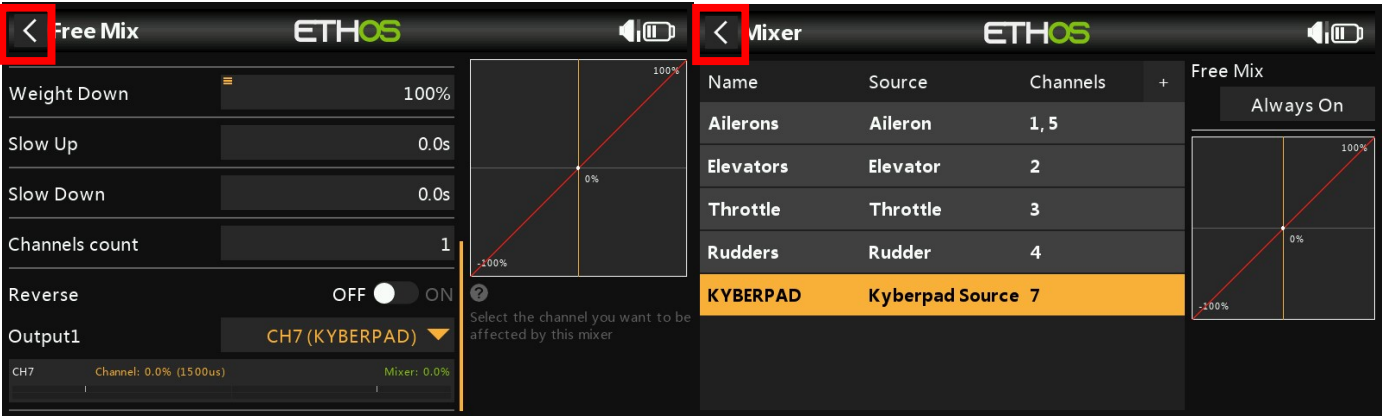
Kyberpad Source is selected by default. Go down and click Output1.



Select a free channel to output the signal to the Kyber Controller. Select Yes to copy the Mix name to the channel.

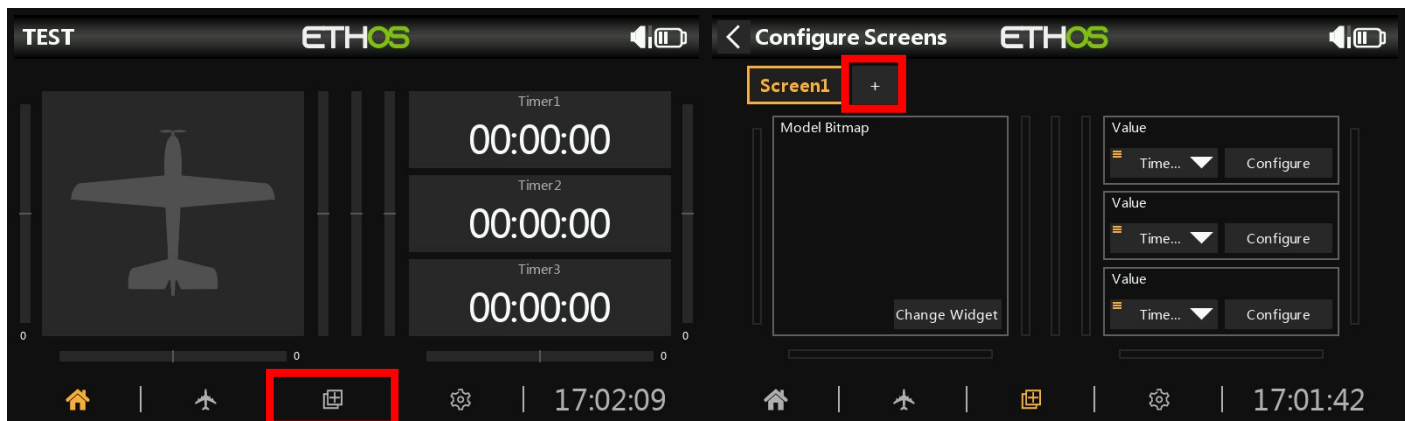


Click to go back to Mixer page and again to go back to main screen.

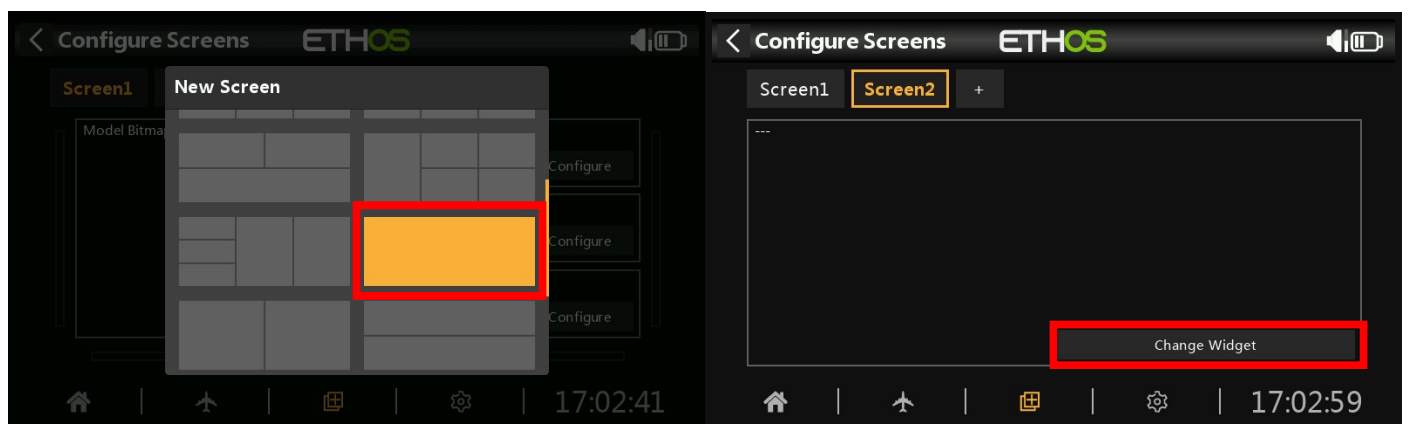


Kyberpad Screen and Buttons Configuration:

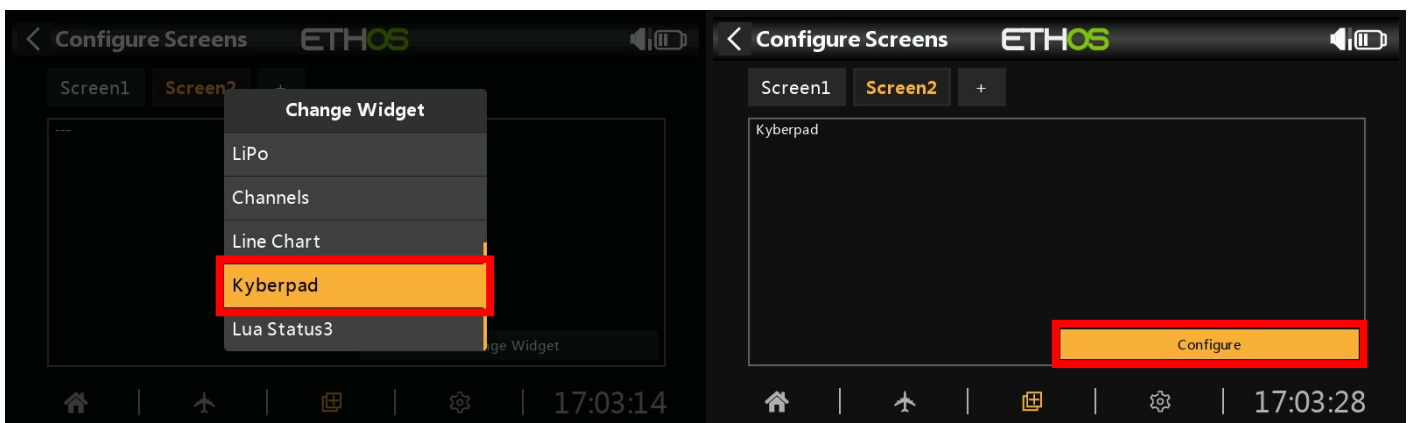
From the Main Screen click on Display Edit. Click on the + sign to setup a new display.



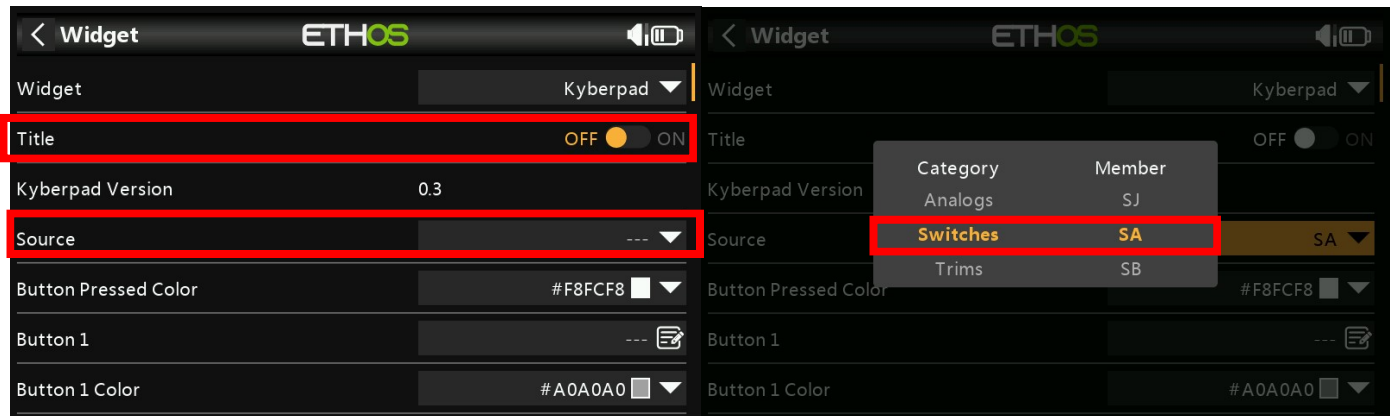
In New Screen, chose the full screen window. Then click on Change Widget.



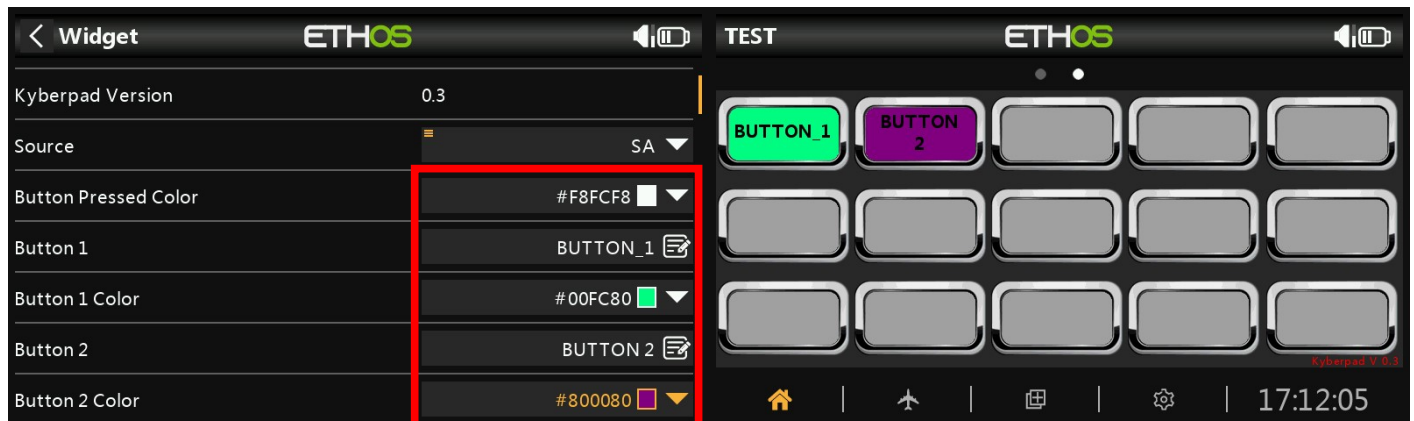
In the list, chose Kyberpad, then click Configure.



Turn OFF Title and Click on Source. Select a Toggle Switch for the second screen button pad. If you plan on using only 15 buttons let the Source value to ---

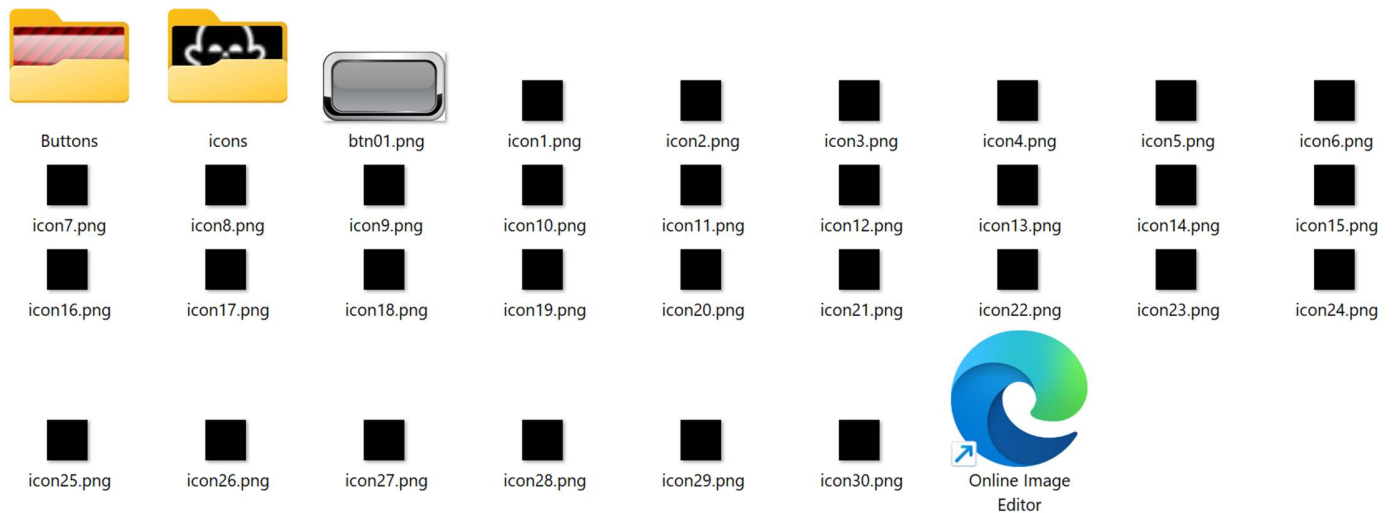


Start Editing the name and color for each buttons. By design, if you place a space between 2 words the name will be displayed on 2 rows. For one row, the maximum name length is set to 10. For 2 rows you have up to 20 characters. Sadly, I have no way to stop it at 10 or 20. Keep this in mind when setting the name.



Kyberpad Buttons Icon Configuration:

Under the Kyberpad “Images” directory structure you will find Icons and Buttons .png file.



The main Button Image “btn01.png” can be set to another image but it must respect the size of 150 x 80 pixels. To do so, replace “btn01.png” file with your own design.

Same for the icons you can set on each buttons. In the same folder as “btn01.png” you will find “icon1.png” to “icon30.png”. These icons can be replaced by your own icons.

- They can be set to any picture you want.
- They need to be 50 x 50 pixels.
- For a better effect, you want a transparent background.

To change them, replace the default icon file with the new one, using the same names in the folder.

Kyberpad User Licence:

I hope you will enjoy this LUA script as much as I did learning to program it. It was a steep learning curve since there is not much info yet on this language.

Please do not distribute. This script is for one Single person use only and intended to be used with the Kyber Controller only. It is not to be shared or re-sold without permission.

Thanks !

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Version 0.4