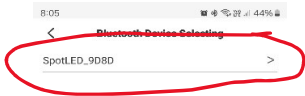
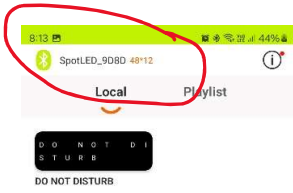


Make sure Bluetooth is on.  
Connect to Hat here.

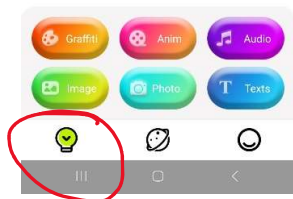


The number that was on hat when powered on will show up here.  
Select the hat.  
Allow App to pair with hat.

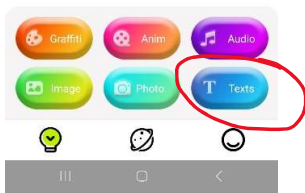
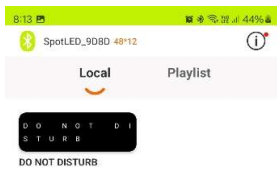




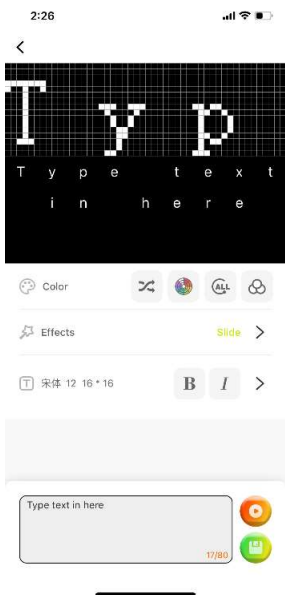
Once connected it will show up here.



This is the home screen button



To program text use this button

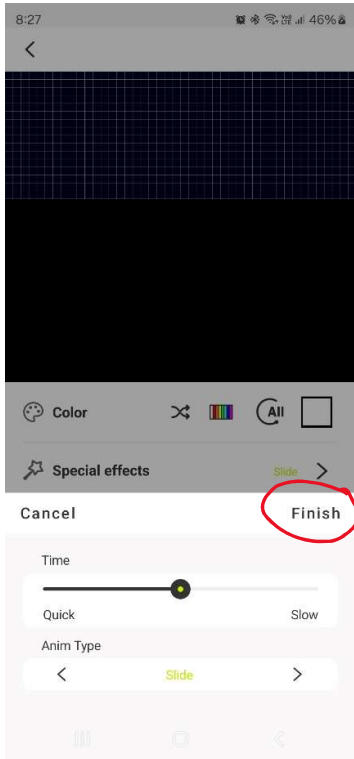


Colours not used

This is used for the text effect

Do not adjust Font Size. This is default for the hat

Red button sends text to hat  
Green button saves the text and effect for quick recall

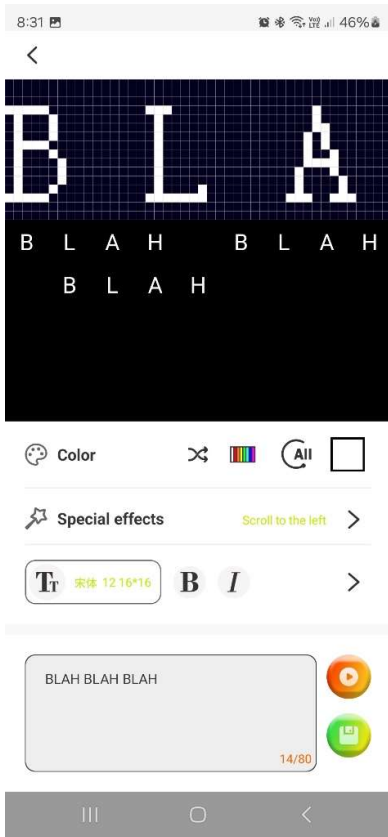


This box will come up to choose the effect.

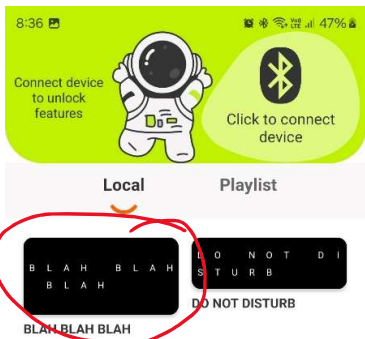
Speed is changed by the slider.

Type of effect is changed by the arrows.

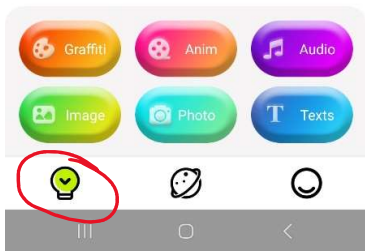
Be sure to press FINISH when done

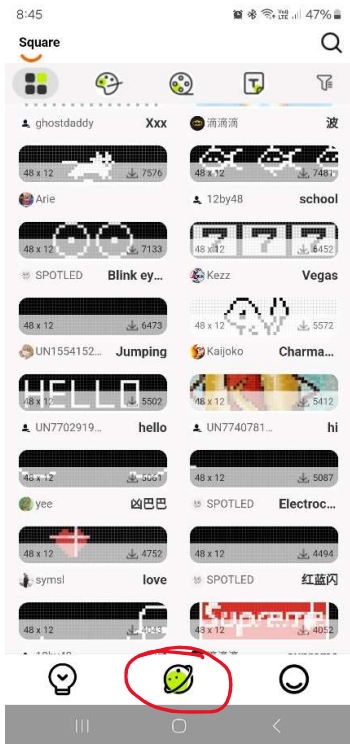


When you are happy  
Press **RED** button to send to the hat.  
Press the **Green** Button to save effect.



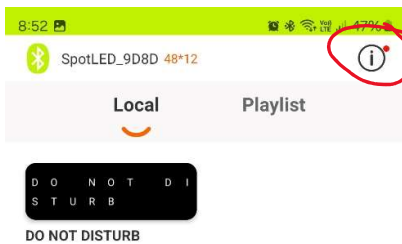
Saved Text / Effects will show up on **Home** page





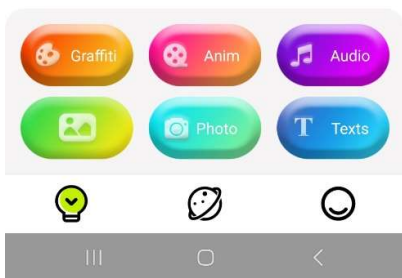
Selecting the **PLANET** button will take you to some pre-designed effects.

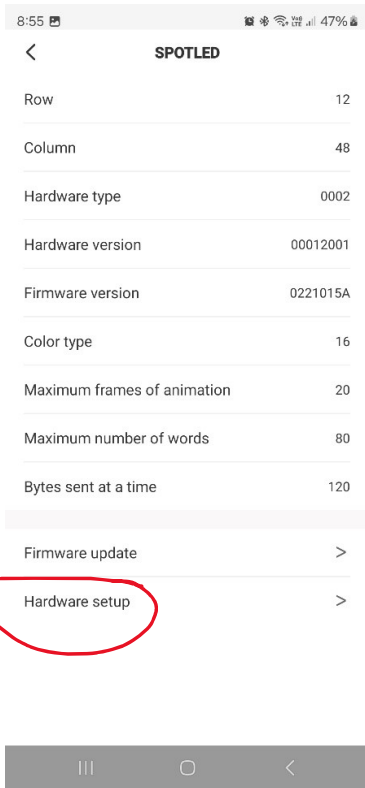
Any of the 48 x 12 black and white ones will usually work



If for some reason the text begins running upside down or the wrong way.

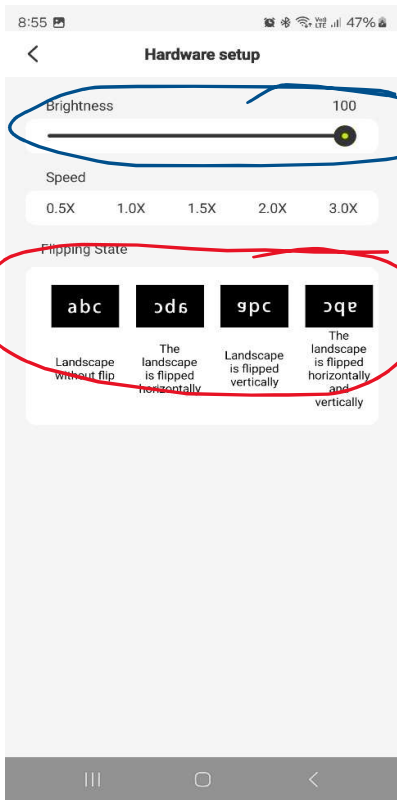
It can be corrected here.





This is default settings for the hat.  
Changing it will affect the output

Choose Hardware Setup



Brightness can be adjusted here

The way the text is displayed can be changed here.  
This sometimes requires turning off / on again.