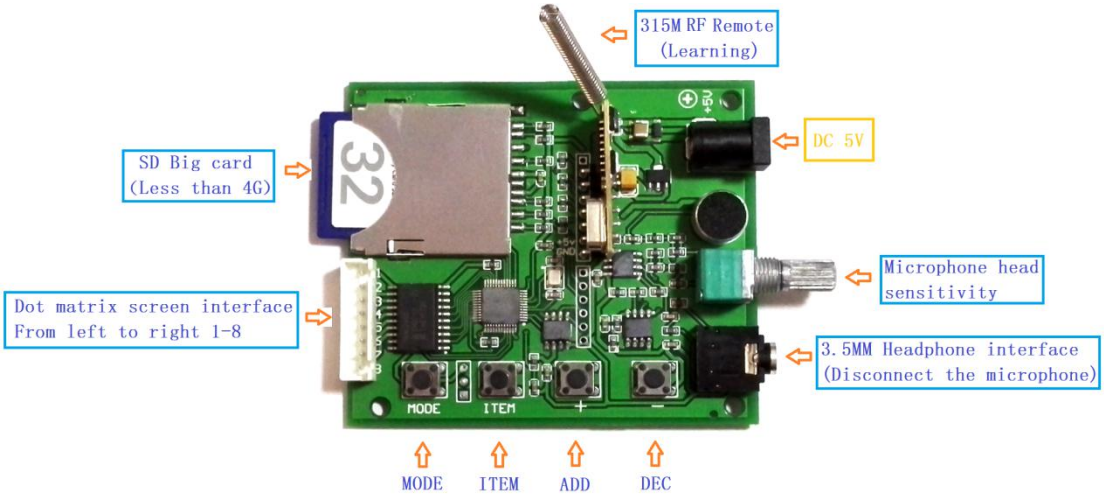
FM18　Spectrum dot matrix screen instructions

The controller is used for 128 * 16 dot matrix music spectrum display, and can be used in SD card input text and spectrum and internal animation combined display.

(一) Control board instructions



（一）、

MODE KEY :Set the following five modes

1、 Font mode；2、 Spectrum mode；3、 Spectrum + Font mode；

4、 Spectrum switching font mode　5、 Animation + Font mode；

（二）、

ITEM KEY， Adjust the value

1、 Fancy choice；　2、 Dimming；

3、 Select combined color；　4、 Select Single color；

5、 Combination of color value；　6、 Single color value；

7、 Speed adjustment；

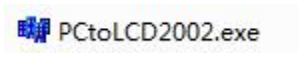
The first character indicates the pattern corresponding to the current setting， 为 For the font， For the Spectrum， For the Animation。

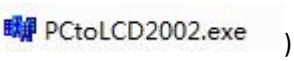
（三）、Press at the same time

+ (or) ,Adjust the number of displays

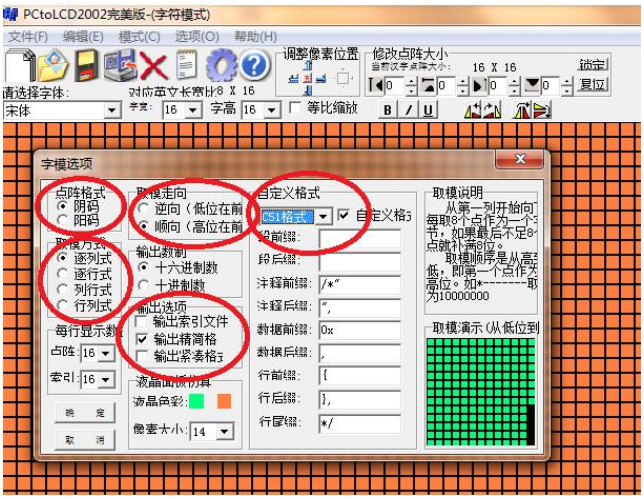
Can choose 3 to 8 16 * 16 dot matrix screen combination。

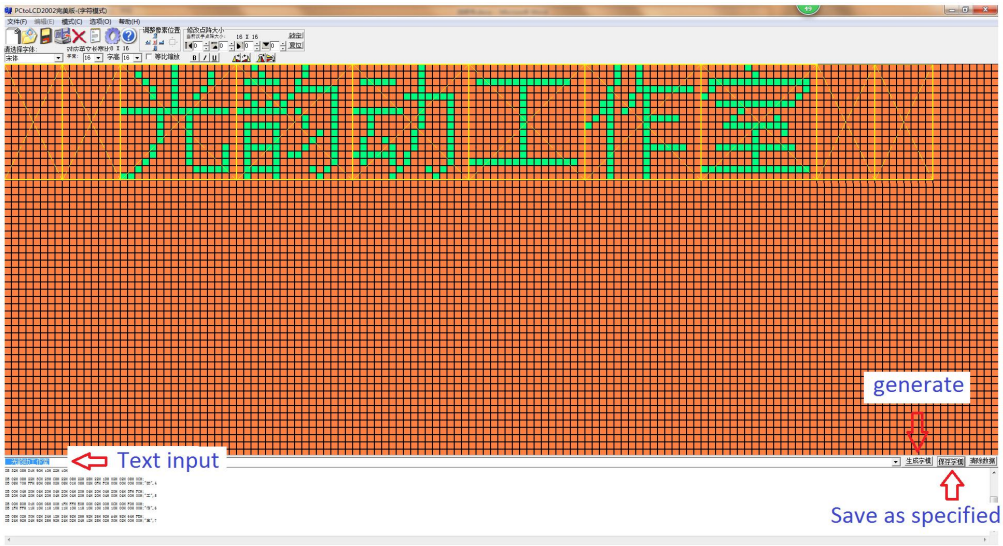
（四）、Text input

Generate text files by software(

) to M&D_led1.TXT 、M&D_led2.TXT; Save into SD card， Read the SD card file by the controller。Contains two files automatically when the switch is displayed， Only a single file is displayed when only one is displayed. Input up to 2000 columns, the number of text columns if the set of dot matrix screen than the number of columns, only the left shift mode. Please refer to the specific use of software(

) instructions. Where the necessary settings are as follows:





(If there are special characters, you can select the graphics mode, you can manually map (left click on the point, right touch point) or use drawing software to make a good import (need to

draw a good pixel size)

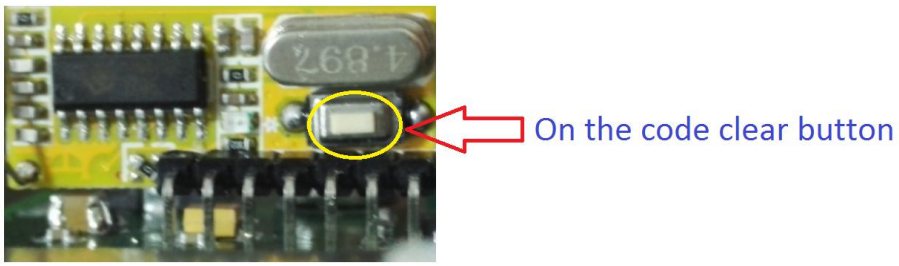
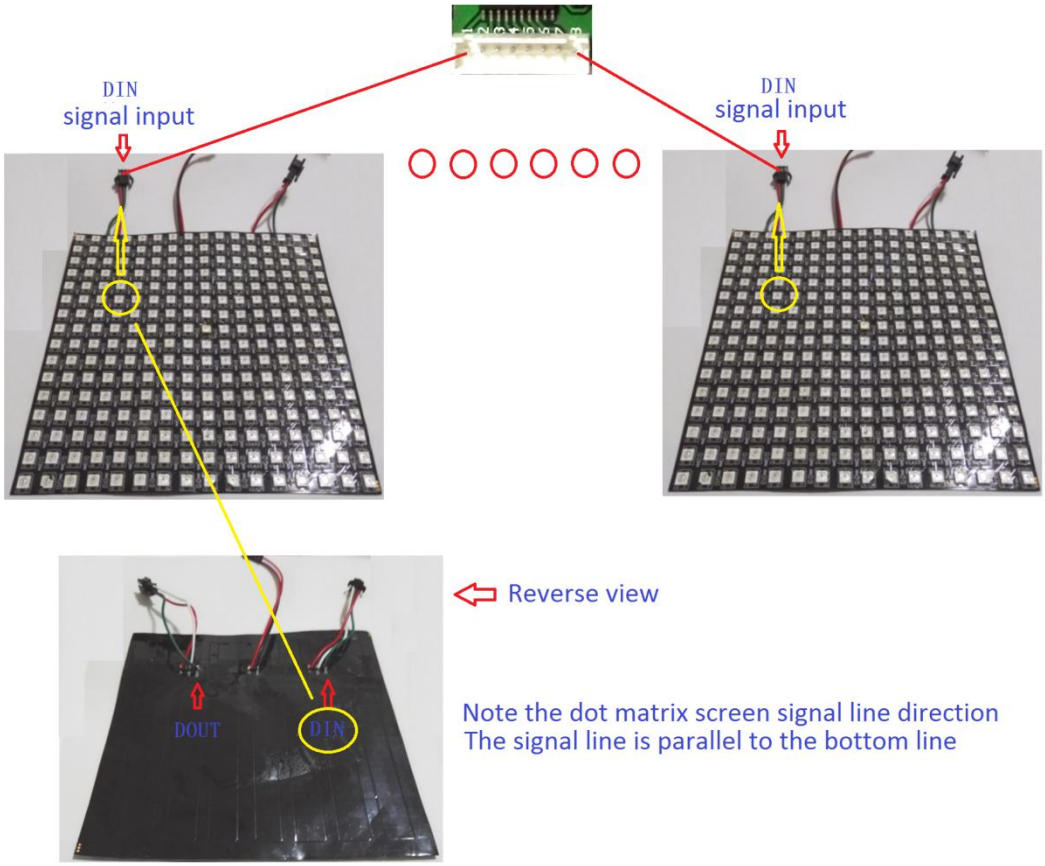
（五）315M remote control

（1）Receiving sensitivity is achieved -110dBm;

（2）working frequency: 315MHz;

（3）On the code method: short hold the learning button for 2 seconds, learning indicator light, then that has entered the learning state; release the learning key, press the remote control any - a key to flash 4 times that learning success, and exit the learning mode.

（4）Clear method: hold the learning button, the indicator light will always light, hold down for about 8 seconds after the light is off, that the code has been completely cleared successfully。



（六）Dot matrix screen signal wiring diagram