iMatrix

Central Control Commands

V1.0

Central control command

RS232 via communication protocol and the control instruction code description :
Using direct connection (if via USB-RS232 converter cable may be directly inserted into the serial port)
Communication protocol: Baud rate 9600, bit 8 , stop bit 1 , no parity)

Commands	Description
[x1]All.	The [X1] input is switched to all outputs
[x0]All.	All outputs shut down
[x0]X[x1].	The [X1] output shut down
All[1].	Set to one-to-one correspondence for all channels, such as: 1->1 , 2->2 , 3->3 ……
[x1]X[x2].	The [X1] input is switched to the [x2] output
[x1]X[x2]&[x3]&[x4].	The [X1] input is switched to [X2] , [X3] , and [X4] outputs
Save[Y].	Save the current state to the [Y] storage unit, [Y] is 1-9 number keys
Recall[Y].	Recall the input and output switching state of the [Y] storage unit, [Y] is the number key 1-9
BeepON.	Turn on the buzzer
BeepOFF.	Turn off the buzzer

Note:

[X1] , [X2] , [X3] , [X4] is the input/ output, according to the matrix may be controlled. For example as the 8x8 Matrix, the effective range is 1 to 8 , if out of range, it will be an erro, instruction " [" and "] " is not transmitted characters;

The ending character of each command must not be omitted. There is a " . " at the end of each command . The punctuation marks are in English;

The letter does not case sensitive.

Examples of command codes:

The [X1] input is switched to all outputs: [x1]All.
Example: To switch the 3rd input to all output channels, input '3All.'

Set one to one for all channels: All[.1].
Example: a 8x8 matrix, after running, the status is: 1->1 , 2->2 ,... 8->8 .

Video switching : [x1]X[x2].
Example: To make the 3rd input switched to the 5th output, enter " 3X5. "; If you want to switch the 3rd input to 5 , 6 , 7 , 8 outputs, enter " 3X5&6&7&8.".

Save the current preset: Save[Y].
Example: To save the current state to the 7th storage unit, enter "Save7.".

Recall the saved presets: Recall[Y].

Example: To recall the state of the 7th storage unit and configure it as the input and output state of the matrix, input "Recall7.".

Buzzer on and off:
Example: BeepON . , Turn on the buzzer, you can hear the buzzer sound when switching
BeepOFF . , Turn off the buzzer, no buzzer sound will be heard when switching