**HDMI Matrix command by LAN&RS232**

IP address: 192.168.1.80 (default IP)

Protocol: UDP

Port: 4000

Command: send as hex

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| **control instruction** | **Functional description** |
| EB 90 0C 00 00 80 0B 02 (x-1) (y+7) 00 00 | Switch [x] input to [y] output |
| EB 90 0C 00 00 80 09 02 (0X) 00 00 00 | Save current scene to [X], [X] means number keys from 1 to 9 |
| EB 90 0C 00 00 80 08 02 00 (0Y) 00 00 | Load the input/output switching saved in [Y], [Y] means number keys from 1 to 9 |

For example, input 1 Switch output 6, send: EB 90 0C 00 00 80 0B 02 00 0D 00 00

(1-1)=0, Hex is 00, (6+7) =13, Hex is 0D.

If input 1 Switch output 6, 7, 8, send EB 90 0C 00 00 80 0B 04 00 0D 0E 0F 00 00

04 00 0D 0E 0F means: 04 there are 4 port for switching (1 input and 3 outputs), the first one 00 is the input port, the remaining 0D 0E 0F are the output ports.

EB 90 0C 00 00 80 09 02 02 00 00 00, save the previous scene to the 02;

EB 90 0C 00 00 80 08 02 00 02 00 00, load 02 scene;

EB 90 0C 00 00 80 0B 02 01 0A 00 00

RS232:

Baud rate: 115200, N, 8, 1

Use RS232 direct cable

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| **control instruction** | **Functional description** |
| [x] X [y]. | Switch [x] input to [y] output |
| Save [X]. | Save current scene to [X], [X] means number keys from 1 to 9 |
| Recall [Y]. | Load the input/output switching saved in [Y], [Y] means number keys from 1 to 9 |