

Compatible models	
FX-1600E, FX-400A, FX-0809AE	
Control Protocol and Commands	
LAN	
IP address: 192.168.1.80 (default IP)	
Protocol: UDP	
Port: 4000	
Command: send as hex	
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: 9600, N, 8, 1	
Use RS232 direct cable	
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
BeepOn.	Turn on the beep sound
BeepOff.	Turn off the beep sound
1All.	Switch input 1 to all outputs
2All.	Switch input 2 to all outputs
3All.	Switch input 3 to all outputs
4All.	Switch input 4 to all outputs