

## MKF-MJS-40 vMix Switchboard controller

Mate Controller, Video Switcher Device



A0 Keyboard



A1 Keyboard



## DESCRIPTION

Support vMix software, No drive, Plug and Play

Video editing, virtual studio, Multi video stunt function.

Support vMix Full HD and 4K Real-timemix of Video, switch, recording, and streaming media etc.

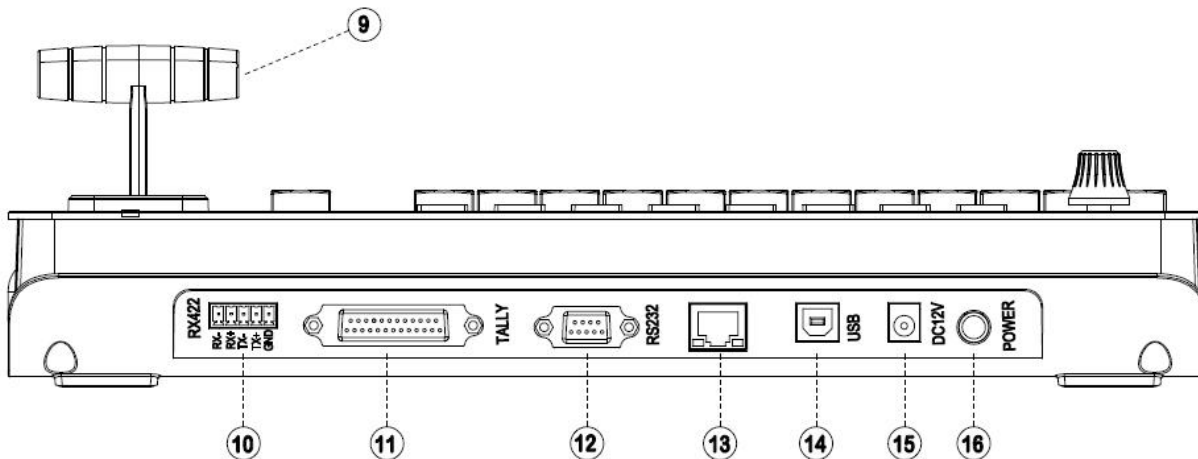
Live music, Sport events, Church services or live-stream.

Hardware parameters:

- Hall effect single axis T-Bar(Level 15 indicator)
- 42 keyboards, every single key with RGB backlight (color modification)
- 2 knobs(coder, switch), level 15 LED indicator
- Peripheral interface: RS232 (DB9pin) commucation interface 1pcs, RS422 1pcs. USB 1pcs, RJ45(reserve)
- TALLY interface: TALLY(DB25 pin)
- Supply voltage: DC12V
- Power switch
- Material: Engineering plastic + aluminum alloy
- Dimension: 164X354X51 (size not include rocker & knobs)



## Switcher reverses instruction



⑨ Joystick: (T-BAR)

⑩ RS422:

Pin1	Pin2	Pin3	Pin4	Pin5
RX-	RX+	TX-	TX+	GND
receive-	receive+	send-	send+	shield

⑪ TALLY: TALLY indicator port, DB25 pin

⑫ RS232:

DB9 Terminal male

Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8	Pin9
	RXD	TXD		GND				
	receive	send						

⑬ RJ45: Inside has RS232 connect with PC

Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
GND				232-TX	232-RX		12V IN
0V				send	receive		12V IN

⑭ USB: USB2.0B, Support DirecetX HID, plug and play, no drive

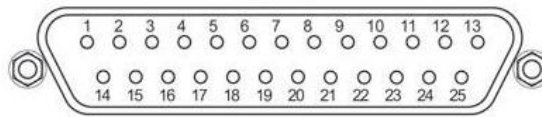
⑮ Power input Port: DC12V input, power adapter (optional)

⑯ Switch power: Press on and Pop off

### Adjust brightness of backlight:

Press and hold "AUTO" and "CUT" button, turn "knob1" (above one)

## TALLY indicator port:



### DB25 Terminal Male

1	PGM-No01		14	PVW-No01
2	PGM-No02		15	PVW-No02
3	PGM-No03		16	PVW-No03
4	PGM-No04		17	PVW-No04
5	PGM-No05		18	PVW-No05
6	PGM-No06		19	PVW-No06
7	PGM-No07		20	PVW-No07
8	PGM-No08		21	PVW-No08
9	PGM-No09		22	PVW-No09
10	PGM-No10		23	PVW-No10
11	PGM-No11		24	PVW-No11
12	PGM-No12		25	PVW-No12
13	GND common GND		-	-----

### TALLY Output parameter:

- ✧ Open-collector output, loop 100Ω resistance
- ✧ Maximum Current: 100MA
- ✧ Loop resistance(Customized or modified by users)

