## 2) Firmware Update

MSPG-7800S can be easy update to main program using the USB memory stick.

- ① Please get Firmware data from Master Co.,Ltd and save to USB memory stick.
  - A. XXXXXX\_all\_in\_one.mspg7800S: Firmware, FPGA, Hardware, Kernel, Safety.
  - B. XXXXXX\_fpga\_firmware.mspg7800S: Firmware, FPGA, Hardware.
  - C. XXXXXX\_firmware\_only.mspg-7800S: Firmware
    - \*XXXXXX is Year XX, Month XX and Date XX.
- ② Connect to the USB memory stick with MSPG-7800Srear panel as below.



③ Push the key to activate edit list.

④ Push the PROGRAM COPY key to activate program copy window.

Video Name		Patter	m Name		-
3840x2160 @60Hz		8 Co	lor Bar	TIME EDIT	
No. 482		No. 33			
Resolution	3840x2160	Signal Type	HDMI		
Dot Frequency	594.000 MHz	Color Format	RGB		FONCTIONCALL
H Frequency	67.500 KHz	Color Depth	8 bit		
V Frequency	60.000 Hz	Output Range	Output Range Limit		PROGRAM COPY
Func. Group	1 No.	1 Scan 1	Audio 1		SYSTEM OPTION
	User Setting	HOME	K/B		
Master				HWyer	SW 140613

(5) Make sure "USB0\_1" is created or not on the list.

(Press 🖉 key if you can't find "USB0\_1" on the list after connection.)

- 6 Select "USB0\_1" then press enter key.
- Select program file and press enter key for programupdate. (Password is set up to "8880")
- ⑧ Update will begin to "File System Erase Start" on the LCD screen.
- (9) Finally, "Please Power turn OFF and then ON!!" will be showing on the LCD screen. Please turn off MSPG-7800S and re-start MSPG-7800S
- <sup>(10)</sup> Please check HW and SW(Soft Ware) version as below.

Video Name			Pattern Name			Num	ABC	#?&
3840x2160 @60Hz			8 Color Bar					
182			22			R	G	В
No. 402			No. 55			HDCP	HDCP INFO	B/S
Resolution	3840x2160		Signal Type	HDMI		CEC	•	SPACE
Dot Frequency	594.000 MHz	1	Color Format	RGB			T	
H Frequency	67.500 KHz	1	Color Depth	8 bit		7	8	9
		1				4	5	6
V Frequency	60.000 Hz		Output Range	Limit		1	2	3
Eunc, Group	1 No.	1	Scan 1	Audio 1		•	0	ENT
	User Setting		Moving Contro	•		HOME		K/B
Master						HWyer 1.0	SW	140613
							$\checkmark$	

If you having trouble with update, then please follow below step for into the **SAFETY MODE**.

- A. Connect to USB memory stick to MSPG-7800S
- B. Keep pushing the SUB button at MSPG-7800S' rear panel, then turn on the power button.
- C. LCD screen will be showing "SAFETY", and now is working to safety mode.
- D. Please re-try above step 2)Firmware Update at  $(3 \sim 0)$ .