MSPG-6100 MAIN BOARD & UP BOARD(HDMI 1.4)

"USB type" Pattern & Timing Data(NvRAM) Upload



1.Connet to MSPG-6100

Turn off the MSPG-6100 and connect to the PC via USB cable.



When you connected cable then turn on the MSPG-6100 then follow page 4.

1-2.Connetion(Up Board_HDMI 1.4)



✤ Turn off the MSPG-6100 and connect to PC as below.



When you connected cable then turn on the MSPG-6100 then follow page 4.

1-3.Program



File Name:	Open File	Send File	DATA SEND		CLEAR MSG HELP
Information:		Pattern No, 💌		C ASCIL @ HEX	Dytes Sena
			Receive Data	C ASCIL @ HEX	Bytes Received
Send All F No File Namu [01]	les Send Selecter [Width + Hight] enedl enedl enedl enedl enedl enedl enedl enedl enedl	1			
[11]	ened! ened! ened! ened! ened! ened! ened! ened! ened!	_			
			L		

Push the "com setup" button and set the I/O device as "USB"

I/O device	Not Selected	COM SETUP	EXIT



1-3.Connection



Press yes button

UART RS232 OF	enned 🛛 🔀
UART RS232 Port	Opend Already!!
Close Current U	ART?
<u>()</u>	아니오(N)

Asking below, then press yes button

USB OPENNED	\mathbf{X}
USB Port Connected!!	USB Port Set Default?
<u>(প(Y)</u>	아니오(<u>N</u>)

Success to USB connection.





Press NvRAM file tap.

Tir	ne List(MSPG-2033)	TIME DA	TA EDIT	De	fault & PC Time LIS	T I
	Confirm Time List	Time Call No 1			Heload	
No F 001 1	Name			No F 001 1	Name TIN 15, 001	
[002]	TIME 002	Mode :	Interlace	[002]	TIME 001	=
[003]	TIME 003	Name :	1	[003]	TIME 003	
[005]	TIME 005	1. Dot_Frequency	(MHz) 1	[005]	TIME 005	
[006]	TIME 006 TIME 007	2, HS_Frequency	(KHz) 1	[006]	TIME 006 TIME 007	
[800]	TIME 008	3, VS_Frequency	(Hz) 1	1 800 1	TIME 008	
	TIME 009	4. H_Total	(Dots) 1	[010]	TIME 009	
[011]	TIME 011	5. H_Display	(Dots) 1	[011]	TIME 011	
[013]	TIME 012	7 HS Width	(Dots) 1	[013]	TIME 013	
[014]	TIME 014 TIME 015	8 V Total	(Lines) 1	[014]	TIME 014 TIME 015	
[016]	TIME 016	9, V_Display	(Lines) 1	[016]	TIME 016	
1 017 1	TIME UI / TIME 018	10, Vfront_Porch	(Lines) 1	1 017 1	TIME 017	
[019]	TIME 019	11, VS_Width	(Lines) 1	[019]	TIME 019	
[021]	TIME 020	12, HS_Polarity (P=0,N=1) P=0 -	[021]	TIME 020	
[022]	TIME 022 TIME 023	13, VS_Polarity (P=0,N=1) P=0 -	[022]	TIME 022 TIME 023	
[024]	TIME 024	Bead //	rite Data	[024]	TIME 024	
1 025 1	TIME 025 TIME 026	field in	nto Data	[025] [026]	TIME 025	
[027]	TIME 027	C Write	Read	[027]	TIME 027	
[029]	TIME 029	Select	Data Length	[029]	TIME 020	
[030]	TIME 030 TIME 031	Current Time 👻	1	[030]	TIME 030 TIME 031	
[032]	TIME 032	2033 Select	PC Select	[032]	TIME 032	
[033] [034]	TIME 033 TIME 034		>> 1	034 1	TIME 033 TIME 034	
1 775 1	TIME 035	R	ead	1 035 1	TIME 035	
14						

Press open file and upload(Master Co.,Ltd given) it.



www.Ltdmaster.com

MASTER CO



Press yes.(Saved time data will be erase/overwrite)

Timing Scan Function Pattern A	udio System General	
Time List(MSPG-2033)	TIME DATA EDIT	Default & PC Time LIST
Confirm Time List		Reload
No Name 001 TIME 001 002 TIME 002 003 TIME 003 004 TIME 004 006 TIME 005 007 TIME 006 008 TIME 007 009 TIME 008 009 TIME 001 011 TIME 008 009 TIME 001 0101 TIME 001 0113 TIME 011 0133 TIME 013 014 TIME 015 015 TIME 015 016 TIME 016 017 TIME 018 019 TIME 018 019 TIME 020 020 TIME 021 021 TIME 022 023 TIME 023 024 TO25 025 TIME 026 026 TIME 027 026 TIME 028 026 TIME 028 027 TIME 028 028 TIME 028	Time Call No : EDIT Mode : Interlace Name : Interlace 1, Dot_Frequency (MHz) 1 2, HS_Frequency (KHz) 1 3, VS_Frequency (Hz) 1 4, H_Total (Dots) Varining! Varining! You will loss current editing data!! Continue OPEN ? It S_Polarity (P=0,N=1) Personany Control Read/Write Data C C Write G Read Select Data Length I T PC Select 1 Read Save File	No Name [001] TIME 001 002] TIME 002 003] TIME 003 004] TIME 004 005] TIME 004 006] TIME 004 006] TIME 004 006] TIME 004 006] TIME 004 007 TIME 004 008] TIME 004 009] TIME 004 009] TIME 004 001] TIME 004 001] TIME 014 014] TIME 014 015] TIME 015 016] TIME 014 018] TIME 015 016] TIME 014 018] TIME 015 016] TIME 024 022] TIME 023 022] TIME 023 022] TIME 023 023] TIME 023 024] TIME 023 025] TIME 023 026] TIME 023 023]



Press "Write NvRAM" button to begin over write.





Over write processing.

				I/O device UART	COM SETUP	EXIT
vIP File	System ROM	1 File NvRAM File				
Timing	Scan	Function Audio Sys	tem General)			
177			• F			
	arug					
					þ	
	Data	Transfering				
					EXIT	
	1 010 1	VESA	า <u>14. ก</u> _างเลก (บบเ	s7 1000 1 1001	VESA	
	[011]	VESA 23	5. H_Display (Dots		VESA 23	
	[013]	VESA 23	5, Htront_Porch (Dote	5) 64 [092] 128 [093]	ESA 23	
	[014]	SMPTE-296M (FLA-861B)	8 V Total (Line	7 [094] (095]	VESA 23	
	1 016 1	SMPTE-296M	9, V_Display (Lines) 864 [096]	VESA	
	[017]	VESA 23 ESA	10, Vfront_Porch (Lines		VESA 23	
	1 019 1	SMPTE-296M	11, VS_Width (Lines	3 [099]	VESA 23	
	[020]	(EIA-861B)	12, HS_Polarity (P=0,N=1)		VESA VESA 23	
	1 022 1	VESA	13, VS_Polarity (P=0,N=1)) P=0 • [102]	VESA	
	[023] [024]	VES 23	-		VESAZ	
	[025]	VESA 23	Head/Write Data	[105]	VESA 23	
	[027]	VESA VESA 23	C Write G Re	ad [106]	VESA 23	
	[028]	VESA	Select Dat	a Length [108]	VESA	
	[030]	VESA	Current Time V		VESA	
	[031]	VESA 23	2022 Soloot PC	[111]	VESA 23	
	[033]	VESA 23		1 [113]	VESA	
	[034]	VE A		[114]	VESA 23	
	[036]	VESA _	Head	[116 j	VESA 23 🗾	

When you finish update, please turn off the MSPG-6100 and take off the connections.