

Panasonic

2ME Live Switcher

AV-HS6000

Preliminary as of Oct 2013



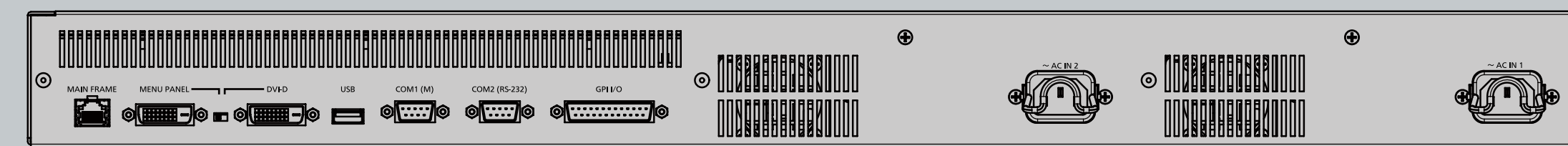
Specifications

- Video format**
1080/50i, 1080/59.94i, 1080/24PsF, 1080/23.98PsF, 720/50p, 720/59.94p, 576/50i, 480/59.94i
- In/Out**
IN: SDI 32 (FS:32 ch, CC:8ch, U/C:4ch)
OUT: SDI 16 (D/C 2ch, CC:4ch)
- Key**
4Key/ME (TTL 8Key/2ME) + 4 DSK + 4 USK
Chroma Key, Primatte® algorithm
*Key1 is standard, Key2-4 are optional
- Built-In DVE**
DVE 2ch + DVE(2D) 4ch / 2ME total
[For KEY] DVE 2ch + DVE(2D) 2ch / ME
[4ch of PinP can be displayed per ME]
[For BKGD] DVE 2ch / ME
- Video Memory**
STILL: (V+K)x4ch, CLIP: (V+K)x4ch
Standard (volatile) 4 Stills, 4 Clips (20sec / clip)
Optional (non-volatile) max.48 Stills max.48 Clips (20sec / clip)
- Multi-Viewer**
4ch (max.16 splits / ch)
*Available to menu operation by external device
- Built-in Web Server**
Yes
- Operation Panel**
Control Panel; 24 XPT button, Multi-Selection Panel / ME
*Control panel can be operated by PC Monitor and USB mouse
Menu Panel; 10.1" Touch Panel LCD
*Video image, WFM, Vectorscope can be displayed on Menu Panel
- Other**
*Max. 3pcs (including one for back up) of control panel can be connected via IP
3G ready
*Development in the future, optional

Control Panel Layout

- ME1 BUS Delegation**
BUS selection and XPT switching
• ME1 KEY Fill / Source 1-4
• KEY Fill / Source can be linked to XPT
• AUX 1-16
• AUX1-4 support Mix transition
• AUX1/2, 3/4, 5/6, 7/8, 9/10, 11/12, 13/14, 15/16 can be linked to XPT
• VMEM (Clip/Still) for Video/Key
• Video to display to Menu panel
• Macro BUS (Assignment of stored Macro)
• Utility BUS 1-2
- Source Display Panel**
• XPT no.+ input source name*1
• Macro name + input source name (When Macro is displayed)
*1: Graphics such as bmp file can be displayed
- XPT**
• XPT can be grouped up to 8 groups
• XPTswitching (24 x 4 pages)
• On/Off of image effect on BKGD/KEY (Mosaic, de-focus, paint, monochrome)
- Background / Key Transition**
• ME Status Display (OLED) : Displays ME no, Background transition mode, transition time
• Key Status Display (OLED) : Displays Key type, transition mode, transition time
• Background transition type/ execution : MIX, NAM, WIPE / Fader, CUT, AUTO
• Key transition type/ execution : MIX, WIPE / Fader, CUT, AUTO
• Other function : EVENT MEM Link using Fader, Limit setting of WIPE ME swap function
- ME2 BUS Delegation**
BUS Selection and XPT switching
• ME2 Key Fill / Source 1-4
• KEY Fill / Source can be linked to XPT
• DSK Fill / Source 1-4
• Macro BUS (Assignment of stored Macro)
• Utility BUS 1-2
- Multi-Selection Panel**
Graphical display on full color LCD display
• WIPE pattern recall
• VMEM/Clip/Still store / recall / delete
• SHOT MEM store / recall / delete
• EVENT MEM recall
- Key/DSK transition**
• Source Display (OLED)
• Transition execution
• Key/DSK preset 1-4 recall
- Positioner / SD card slot**
• Setting data store / recall

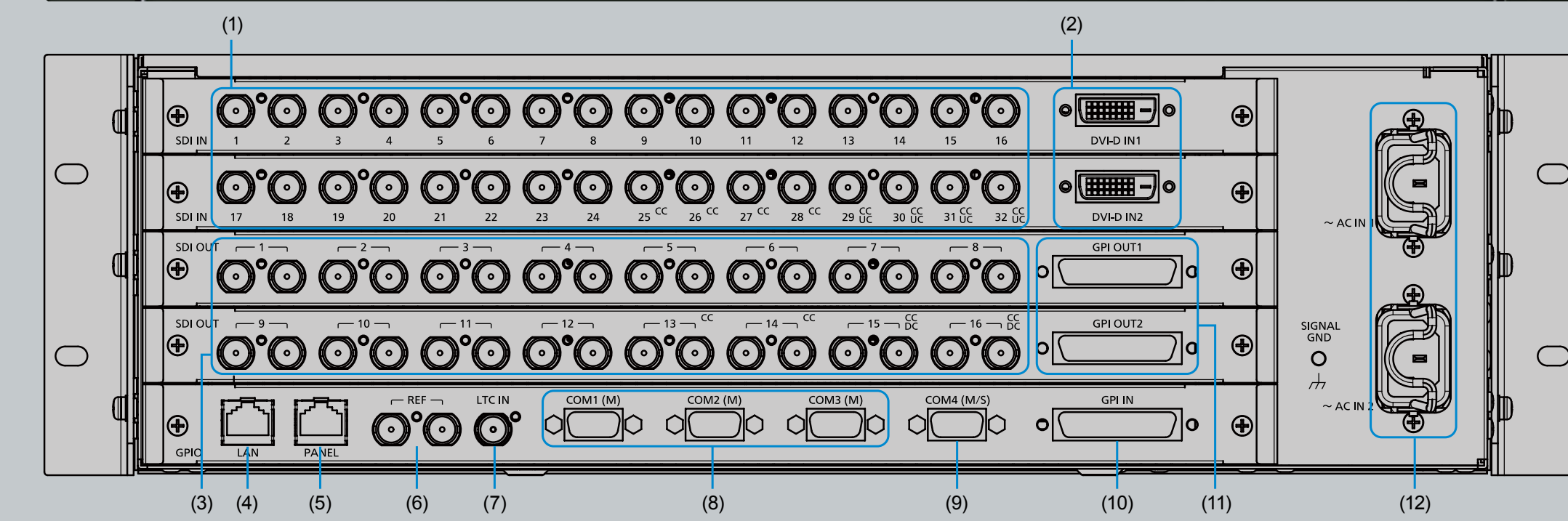
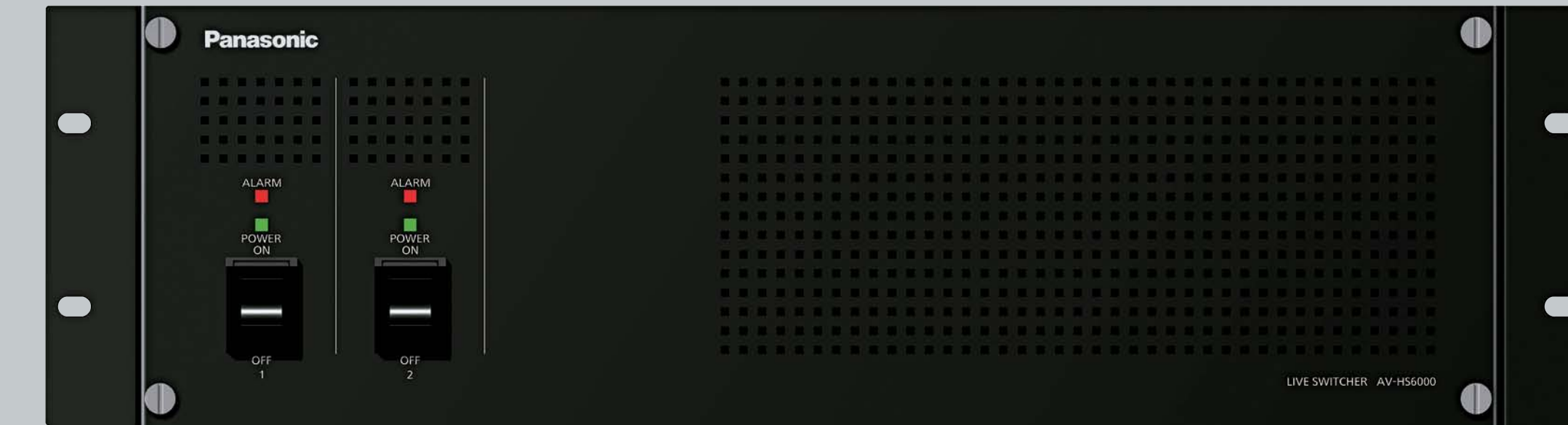
Control Panel <Rear>



Actual Size — Menu Panel



Mainframe



No.	Name	Connector	Signal	Notes
(1)	SDI IN 1 - 32	BNC x32	SDI IN	In25-32: Color corrector / In29-32:Up converter
(2)	DVI IN 1 - 2	DVI-D x2	DVI IN	
(3)	SDI OUT 1 - 16	BNC x32	SDI OUT	Each output have dual output Out13-16: Color corrector / Out15-16: Down converter
(4)	LAN	RJ-45	Ethernet (Gbit)	For Control Panel Menu Operation PC / external device control *Control panel which is connected to this terminal cannot display contents to Menu Panel!
(5)	PANEL	RJ-45	Ethernet (Gbit)	For Control Panel connection
(6)	REF	BNC x2	Gen Lock	[INT mode] BB output [EXT mode] "BB" or "3SYNC" input
(7)	LTC IN	BNC	LTC	Linear Time Code input terminal
(8)	COM1 - COM3	D-sub 9pin female x3	Serial (RS422)	For external device control Cross cable only
(9)	COM4	D-sub 9pin female	Serial (RS422)	For external device control Cross/Straight is selectable with Menu
(10)	GPI IN	D-sub 25pin female	GPI IN	
(11)	GPI OUT1, 2	D-sub 25pin female x2	GPI OUT	18 In / 48 Out
(12)	AC IN1, AC IN	-	AC	AC 100V to 240V 50/60Hz, Power Consumption: 130W(TBD)

Actual Size — Control Panel

