Live switcher 2ME

AV-HS6000

Live switcher 2ME con panel de control GUI fácil de usar

KEY FEATURES

- 34 entradas (SDI X32, DVI×2) y 16 salidas SDI; todas las entradas integran sincronizadores de fotogramas

- Salida simultánea en los formatos 1080p y 1080i

- 4 salidas multipantalla independientes; cada multipantalla puede mostrar un máximo de 16 fuentes de vídeo

- Integración de claves cromáticas de alta calidad en tiempo real basadas en algoritmos Primatte®*. Un canal de serie con posibilidad de ampliación a 4**

- El mezclador puede configurarse mediante AV-HS60C3G (opcional), el panel de menú táctil de tipo 10,1, o mediante un monitor de PC y ratón USB

Última actualización

El AV-HS6000 es un Live switcher 2ME, diseñado para salas de realización y unidades móviles. El AV-HS6000 es el primer modelo de 2ME en la gama de mezcladores HS de Panasonic. Utiliza un interfaz gráfico de nuevo diseño, que facilita el manejo mediante un panel táctil.

La unidad principal presenta 32 entradas SDI y 2 entradas DVI, además de 16 salidas SDI, mientras cuatro DVEs por banco ME permiten múltiples transiciones en producciones creativas que requieren trabajar a alto ritmo. El mezclador ofrece cuatro salidas Multipantalla configurables independientemente, con un máximo de 16 ventanas por canal. Asimismo, dispone de una memoria no volátil para almacenar clips de vídeo, que puede ampliarse de forma opcional hasta albergar 81 clips de 30 segundos cada uno. Presenta una disposición de los botones muy intuitiva, que se completa con el panel táctil de 10,1 pulgadas, que además de mostrar el menú también permite mostrar una salida multipantalla.

AV-HS6000 es el "nombre de grupo" para los siguientes elementos individuales:

- Unidad principal AV-HS60U2E (alimentación redundante)
- Panel de control AV-HS60C2E (alimentación redundante)
- Panel de menú AV-HS60C3G (pantalla táctil LCD)
- Licencia de Chroma Key adicional AV-SFU60G (software + clave)

- Opción de almacenamiento interno AV-HS60D1G (SSD)

SPECIFICATIONS

Power Supply	AC100 V to 240 V, 50 Hz/60 Hz (AV-HS60U2 supports redundant power supply)
Power Consumption	110 W
Ambient Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Ambient Humidity	10% to 90% (no condensation)
Storage Temperature	0°C to 40°C (32°F to 104°F)
Storage Humidity	10% to 90% (no condensation)
Peso	482 mmx132 mmx418 mm (18-31/32 inchesx5-3/16 inchesx16-15/32 inches)(excluding protrusions)
Dimensions (W x H x D)*4	482 mmx132 mmx418 mm (18-31/32 inchesx5-3/16 inchesx16-15/32 inches)(excluding protrusions)
SDI In 1 to SDI In 32 Terminals	During Standard mode 32 lines • Connectors: BNCx32 • SDI IN 27, SDI IN 28, SDI IN 31, SDI IN 32 terminals are equipped with up-converters. • SDI IN 25 to SDI IN 32 terminals are equipped with color correctors. HD-SDI SMPTE292M (BTA S-004) standard compliant • 0.8 V [p-p]±10% (75 ohm) • Automatic equalizer 100 m (328 ft) (when 1.5 Gbps/5C-FB cable is used) SD-SDI SMPTE259M standard compliant • 0.8 V [p-p]±10% (75 ohm) • Automatic equalizer 200 m (656 ft) (when 5C-2V cable is used) During 3G mode 16 lines • Connector: BNCx16 (only the odd numbered terminals can be used) • The even numbered terminals [SDI IN 2],[SDI IN 4] ... [SDI IN 32] cannot be used.• [SDI IN 25], [SDI IN 27], [SDI IN 29], and [SDI IN 31] terminals are equipped with color correctors. During 4K mode 4K signal x 8 lines • Connector: BNC x 32 (3G-SDI x 4 SQD/2SI) • Can use the 4K signal in SQD format and 2SI format 3G-SDI 3G serial digital, SMPTE424M standard compliant • 0.8 V[p-p] ±10% (75 ohm) • Automatic equalizer 100 m (328 ft) (when 3 Gbps/5C-FB cable is used) • 3G?SDI Level B 3G-SDI Level A (FS ON)
DVI-D In 1 to DVI-D In 2 Terminals	2 lines Digital RGB:XGA (1024x768), WXGA (1280x768), SXGA (1280x1024), WSXGA+ (1680x1050),UXGA (1600x1200), WUXGA (1920x1200) Vertical frequency: 60 Hz Video format inputs: 1080/59.94p, 1080/50p, 1080/59.94i, 1080/50i, 720/59.94p, 720/50p • Connectors: DVI-Dx2 • The terminals do not support HDCP. • The DVI-I connector cable cannot be used. • For the DVI-D connector cable, use a cable with a length of up to 5 m.(16.4 ft) • [DVI-D IN1]/[DVI-D IN2] terminals cannot be used during 3G mode and 4K mode.
SDI Out 1 to SDI Out 16 Terminals	During Standard mode 16 lines (2 distributed outputs per line) • Connectors: BNCx32 • ME1PGM, ME1PVW, ME1CLN, ME1KEYPVW, ME2PGM, ME2PVW, ME2CLN, ME2KEYPVW, DSKPGM1, DSKPGM2, DSKPVW1, DSKPVW2, DSK1CLN, DSK2CLN, DSK3CLN, DSK4CLN, SEL KEYPVW, MV1 to MV4, and AUX1 to AUX16 can be assigned. HD-SDI SMPTE292M (BTA S-004) standard compliant • Output level: 0.8 V [p-p]±10% SD-SDI SMPTE259M standard compliant • Output level: 0.8 V [p-p]±10%

	During 3G mode 3G-SDI output: 8 lines (2 distribute outputs per line) HD-SDI output: 2 lines (2 distribute outputs per line) • Connector 3G-SDI: BNCx16 (odd numbered terminals only) HD-SDI: BNCx4 (and terminals only) • 3G?SDI signal is not output from the even numbered terminals. - No signal is output from the [SDI OUT 13] and [SDI OUT 15] terminals. - The HD-SDI signal converted to the 1080i format is output from the and terminals. This signal is converted to the 1080i format by decimating the 1080p signal from the and terminals. • [SDI OUT 13] and [SDI OUT 15] terminals are equipped with color correctors. The same color corrector setting is also applied to [SDI OUT 14] and [SDI OUT 16] terminals.• ME1PGM, ME1PVW, ME1CLN, ME1KEYPVW, ME2PGM, ME2PVW, ME2CLN, DSKPGM1, DSKPGM2, DSKPVW1, DSKPVW2, DSK1CLN, DSK2CLN, SEL KEYPVW, MV1 to MV2, and AUX1 to AUX8 can be assigned. During 4K mode 4K signal output: 3 lines (two distribute outputs per line) 2K signal output: 2 lines (two distribute outputs per line) • Connector 3G-SDI (for 4K signal): BNC x 24 (terminal number 1 to 12) 3G-SDI (for 2K signal): BNC x 4 (terminal number 13 and 15) HD-SDI (for 2K signal): BNC x 4 (terminal number 14 and 16) • The 4K signal is output in SQD format. • The HD-SDI signal converted to the 1080i format is output from the [SDI OUT 14] and [SDI OUT 16] terminals. This signal is converted to the 1080i format by decimating the 1080p signal output from the [SDI OUT 13] and [SDI OUT 15] terminals. • ME1PGM, ME1PVW, ME1CLN, ME1KEYPVW, ME2PGM, ME2PVW, ME2CLN, DSKPGM1, DSKPGM2, DSKPVW1, DSKPVW2, DSK1CLN, DSK2CLN, SEL KEYPVW, MV1 to MV2, and AUX1 to AUX8 can be assigned. 3G-SDI 3G serial digital, SMPTE424M standard compliant • Output level: 0.8 V [p-p] ±10% • 3G-SDI Level B Mapping
Signal Formats	SD 480/59.94i, 576/50i HD 1080/59.94i, 1080/50i, 720/59.94p, 720/50p, 1080/24PsF, 1080/23.98PsF, 1080/25PsF, 1080/29.97PsF, 3G 1080/59.94p, 1080/50p 4K 2160/59.94p, 2160/50p(SQD)
Signal Processing	Y:PB:PR 4:2:2 10 bit R:G:B 4:4:4 8 bit
ME Number	2 ME
REF Terminal	• Connectors: BNC • Same field frequencies as those of the system formats supported In Genlock mode: Black burst or Tri-level Sync input signals (with loop-through) • If the loop-through output is not used, provide a 75 ohm termination. • In the 1080/24PsF and 1080/23.98PsF formats, only Genlock mode supported • In the 1080/23.98PsF format, black burst signals with 10 Field ID (SMPTE318M standard compliant) or Tri-level Sync signals supported • In the 1080/24PsF format, Tri-level Sync signals supported In internal sync mode: Black burst output signal x 2
LTC In Terminal	This is the LTC (linear time code) input terminal. • Connectors: BNC • Impedance: 1 kohm • Level: 1 to 2 V [p-p]
Video Delay Time	During Standard mode 1 line (H) When the frame synchronizer is set to"Off" and the up-converter is set to"Off" 2 field (V) When the frame synchronizer is set to "On", or the up-converter is set to "On" • When the signals have passed through PinP, DVE, MultiView, down-converter, or DVI-IN, a maximum delay of 1 frame is applied in each case. During 3G mode 2 line (H) When the frame synchronizer is set to [Off] 2 frame (V) When the frame synchronizer is set to [On]

	• Maximum of 2 frame delay is added to each when passed through PinP, DVE, or MultiView.
LAN Terminal	Compatible with 100Base-TX and AUTO-MDIX (For IP control) • Connection cable: LAN cable (CAT5E), max. 100 m (328 ft), STP (Shielded Twisted Pair) cable recommended • Connector: RJ-45
Panle Terminal	Compatible with 100Base-TX and AUTO-MDIX (For Control Panel AV-HS60C2/AV-HS60C4 connection) • Connection cable (supplied with AV-HS60C2/AV-HS60C4): LAN cable (CAT5E), straight cable, STP (Shielded Twisted Pair), 10 m (32.8 ft) • Connector: RJ-45
COM1(M)/COM2(M)/COM3(M) Terminals	RS-422 Control Terminal For master connection for controlling external devices • Connector: D-sub 9-pin (female) x 3, inch screw
COM4 (M/S) Terminal	RS-422 Control Terminal For master/slave connection for controlling external devices • Connector: D-sub 9-pin (female), inch screw • Switchable between master connection and slave connection via menu
GPI In Terminal	GPI IN: 18 inputs, general-purpose, photocoupler sensing ALARM OUT: 1 output, open collector output (negative logic) • Connector: D-sub 25-pin (female), inch screw
GPI Out1/GPI Out 2 Terminal	GPI OUT: 48 outputs, selected from general purpose, tally Open collector output • Connector: D-sub 25-pin (female) x 2, inch screw
Accessories	• AC cable AV?HS60U2P: 2 cables AV?HS60U2E: 4 cables • Rack-mounted rear panel support bracket • Screws for the rack-mounted rear panel support bracket: 8 screws • Operating Guide for the AV-HS6000 series (Excerpted Version)

URL: https://business.panasonic.es/professional-kamera/switcher/av-hs6000

CONTACT

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