

Panasonic AV-HS450N 16+ Input HD/SD Switcher w/ Dual-Screen Multiviewer Display

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Rentex Product No. XVS2000



Mfr Part No. AV-HS450N

Features

- (16) HD/SD-SDI Inputs, (4) HD/SD-SDI Outputs, (2) DVI-D
- 10-Bit Processing
- Picture-In-Picture
- Color Correction

Detailed Specifications

Video Format HD (1080/59.94i, 1080/50i, 1080/23.98F*, 1080/24psF*, 720/59.94p, 720/50p)
SD (480/59.94i, 576/50i)

Video Processing Y:Cb:Cr, 4:2:2 10 bit (8 bit for FMEM)
RGB, 4:4:4 8 bit

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Video Input A maximum of 20 input channels
Standard: 16 SDI inputs (IN 1 to 16)
Optional: Maximum of 4 inputs (IN A1, A2, B1, B2)

Video Output A maximum of 10 input channels
Standard: 4 SDI outputs (OUT 1 to 4 each, 2 output distribution for OUT1)
Option: Maximum of 4 inputs (OUT A1, A2, B1, B2)
(Up to 2 optional boards may be inserted into the 2 input/output optional slots)
Standard: 2 DVI-D outputs (OUT5, OUT6)*
XGA (1024 x 768), WXGA (1280 x 768), SXGA (1280 x 1024), WSXGA+ (1680 x 1050), UXGA (1600 x 1200), WUXGA (1920 x 1200)
Vertical frequency: 60 Hz
1080/50p, 1080/59.94p
*Does not support analog outputs

Reference input/output GENLOCK: Black burst or TRI input signal (loop through inputs)
Internal synchronization: Black burst outputs

Output Function Multi-viewer:
2 systems
Labels tally indication, split-screen (the screen may be split into 4, 9, 10 and 16 sections)
*A maximum of 20 channels may be simultaneously displayed on 2 screens

Interface PANEL: RJ45 x 1 (to connect to the control panel)
EDITOR: D-sub 9 pin x 1, RS-422
COM: D-sub 9 pin x 1, pan-tilt system control
TALLY/GPI: D-sub 50 pin x 1
LAN: RJ45 x 1

Memory Function Shot memory, BKGD/wipe memory, PinP memory

BKGD WIPE/DVE pattern: Wipe, squeeze, slide, 3D, 2 channel DVE pattern
Transition type: Cut, mix, wipe (including DVE)
Image effect: PGM/A, PST/B BUS
Effect: Mosaic, mono color, paint

Keyer Number of keys: 1
Key type: Linear key, luminance key, chroma key, full key
Transition type: Cut, mix, wipe
WIPE/DVE pattern: Wipe, squeeze, slide, 3D pattern

DSK Number of keys: 2
Key type: Linear key, luminance key
Transition type: MIX

PinP Number of PinP: 2
Transition type: MIX

AUX Bus 1-4 *AUX BUS1 is compatible with MIX transition
Input function:
*Frame Synchronizer: IN 1 to 16
*Freeze: IN 1 to 16
*Up-converter: IN 13-16
Color collector: IN 9 to 16
*Specification for IN A1, A2, B1 and B2 depend on the specs of the mounted optional equipment.

Power Supply AC 100 V to 240 V

Power Consumption 50 Hz/60 Hz, 170 W

CONTROL PANEL - Interface Mainframe: RJ45 x 1 (to connect to the mainframe)
TALLY/GPI: D-sub 25 pin x 1

Removable Media SD memory card: Still image file loading/saving, setup data back up



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