

Partner: FOR-A
Model: HVS-300HS
Device Type: Video Switcher


CONTROL:

Crosspoint_Program_*	D	Pulse to select input for the Program route.
Crosspoint_Preset_*	D	Pulse to select input for the Preset route.
Crosspoint_Keyer_*	D	Pulse to select input for the Keyer route.
Crosspoint_Aux_1_*	D	Pulse to select input for the Aux 1 route.
Crosspoint_Aux_2_*	D	Pulse to select input for the Aux 2 route.
Crosspoint_Aux_3_*	D	Pulse to select input for the Aux 3 route.
Crosspoint_PIP_CH1_*	D	Pulse to select input for the PIP channel 1 route.
Crosspoint_PIP_CH2_*	D	Pulse to select input for the PIP channel 2 route.
Transition_Mode_<Background/Keyer>	D	Pulse to select transition mode.
Transition_Type_<Mix/Wipe>	D	Pulse to select transition type.
Transition_Rate_<1-0/Up/Down/Clear>	D	Pulse to select the desired transition rate value.
Auto_Transition_DSK	D	Pulse to set auto transition to DSK.
Auto_Transition_Keyer/Bkgnd	D	Pulse to trigger auto transition keyer or background, depending on the currently selected transition mode.
Auto_PIP_CH1	D	Pulse to trigger auto transition for pip. This transition will implement the PIP CH1 effect that was last selected.
Auto_PIP_CH2	D	Pulse to trigger auto transition for pip. This transition will implement the PIP CH2 effect that was last selected.
Fade_To_Black	D	Pulse to turn fade to black on or off. The corresponding feedback button will flash for up to 10 seconds to indicate that fade to black was recently triggered.
All_Stop	D	Pulse to stop any active transitions.
All_Stop_Keyer_Off_Air	D	Pulse to stop any active transitions and take the keyer off air.
Effect_Address_<DSK/Keyer>	D	Pulse to select effect address dsk or keyer.
Wipe_Normal	D	Pulse to select wipe mode normal.
Wipe_Reverse	D	Pulse to select wipe mode reverse.

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Wipe_Reverse/Normal	D	Pulse to select wipe mode reverse / normal.
Wipe_Pattern_Set	A	Analog input value to set the wipe pattern using an analog value.
Wipe_Pattern_<1-0/Up/Down/Clear>	D	Pulse to select the desired wipe pattern value.
Keyer_<On/Off/Toggle>	D	Pulse to turn the keyer on or off.
DSK_<On/Off/Toggle>	D	Pulse to turn the dsk on or off.
Event_Memory_<1-0/Up/Down/Clear>	D	Pulse to select the desired event memory number to store or recall.
Event_Memory_Store	D	Press and hold to store the current settings into the currently selected memory number.
Event_Memory_Recall	D	Pulse to recall the settings stored into the currently selected memory number.
PIP_CH1_<On/Off/Toggle>	D	Pulse to turn PIP channel 1 on or off.
PIP_CH1_*	D	Pulse to select the PIP channel 1 effect that will occur when Auto_PIP_CH1 is selected.
PIP_CH1_Size_<Up/Down>	D	Press to adjust the PIP channel 1 size.
PIP_CH1_Position_<Up/Down/Left/Right>	D	Press to adjust the PIP channel 1 window position.
PIP_CH2_<On/Off/Toggle>	D	Pulse to turn PIP channel 2 on or off.
PIP_CH2_*	D	Pulse to select the PIP channel 2 effect that will occur when Auto_PIP_CH2 is selected.
PIP_CH2_Size_<Up/Down>	D	Press to adjust the PIP channel 2 size.
PIP_CH2_Position_<Up/Down/Left/Right>	D	Press to adjust the PIP channel 2 window position.
Format_*	D	Latch high to select ONE of the four available formats.
Get_Current_Status	D	Pulse to get the current status of the switcher.
Poll_Enable	D	Latch high to enable constant polling.
From_Device	S	Serial information returned from a 2-way serial port.

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FEEDBACK:

Crosspoint_Program_*_Is_Active	D	Indicates the selected input for the Program route.
Crosspoint_Preset_*_Is_Active	D	Indicates the selected input for the Preset route.
Crosspoint_Keyer_*_Is_Active	D	Indicates the selected input for the Keyer route.
Crosspoint_Aux_1_*_Is_Active	D	Indicates the selected input for the Aux 1 route.
Crosspoint_Aux_2_*_Is_Active	D	Indicates the selected input for the Aux 2 route.
Crosspoint_Aux_3_*_Is_Active	D	Indicates the selected input for the Aux 3 route.
Crosspoint_PIP_CH1_*_Is_Active	D	Indicates the selected input for the PIP channel 1 route.
Crosspoint_PIP_CH2_*_Is_Active	D	Indicates the selected input for the PIP channel 2 route.
Transition_Mode_Is_<Background/Keyer>	D	High to indicate the selected transition mode.
Transition_Type_Is_<Mix/Wipe>	D	High to indicate the selected transition type.
Transition_Rate_Value	A	Displays the currently selected transition rate value.
Fade_To_Black_Triggered	D	Flashes for 10s to indicate that the Fade To Black function has been triggered.
Effect_Address_Is_<DSK/Keyer>	D	Indicates the currently selected effect address.
Wipe_Is_Normal	D	High to indicate that the wipe mode is set to normal.
Wipe_Is_Reverse	D	High to indicate that the wipe mode is set to reverse.
Wipe_Is_Reverse/Normal	D	High to indicate that the wipe mode is set to reverse/normal.
Wipe_Pattern_Number	A	Indicates the currently selected wipe pattern number.
Keyer_Is_<On/Off>	D	High to indicate if the keyer is currently on or off.
DSK_Is_<On/Off>	D	High to indicate if the dsk is currently on or off.
Event_Memory_Number	A	Displays the currently selected event memory number.
Event_Memory_Store_Status	D	Indicates the event memory store status. This signal will flash when the event store function has been triggered.
PIP_CH1_Is_<On/Off>	D	Indicates that PIP channel 1 is on or off.

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PIP_CH1_*_Is_Selected	D	Indicates the currently selected PIP channel 1 effect.
PIP_CH2_Is_<On/Off>	D	Indicates that PIP channel 2 is on or off.
PIP_CH2_*_Is_Selected	D	Indicates the currently selected PIP channel 2 effect.
To_Device	S	Serial information sent to a 2-way serial port.

TESTING:

OPS USED FOR TESTING:	4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.12.31.00
CRESTRON DB USED FOR TESTING:	21.04.015.00
DEVICE DB USED FOR TESTING:	27.00.004.00
SAMPLE PROGRAM:	FOR-A HVS-300HS v1.0 Demo PRO2.smw
REVISION HISTORY:	V. 1.0