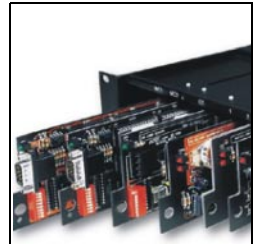




# instruction manual

## PT10-PRV 2 X 1 Preview Switcher System



# Limited Warranty and Disclaimer

AMX Corporation warrants its products to be free from defects in material and workmanship under normal use for a period of three years from date of purchase from AMX Corporation, with the following exceptions. Electroluminescent and LCD control panels are warranted for a period of three years, except for the display and touch overlay components which are warranted for a period of one year. Disk drive mechanisms, pan/tilt heads, power supplies, modifications, MX Series products, and KC Series products are warranted for a period of one year. Unless otherwise specified, OEM and custom products are covered for a period of one year. AMX Corporation software products are warranted for a period of 90 days. Batteries and incandescent lamps are not covered.

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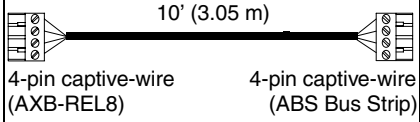
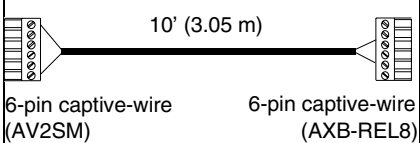
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# PT10-PRV 2 x 1 Preview Switcher System Package

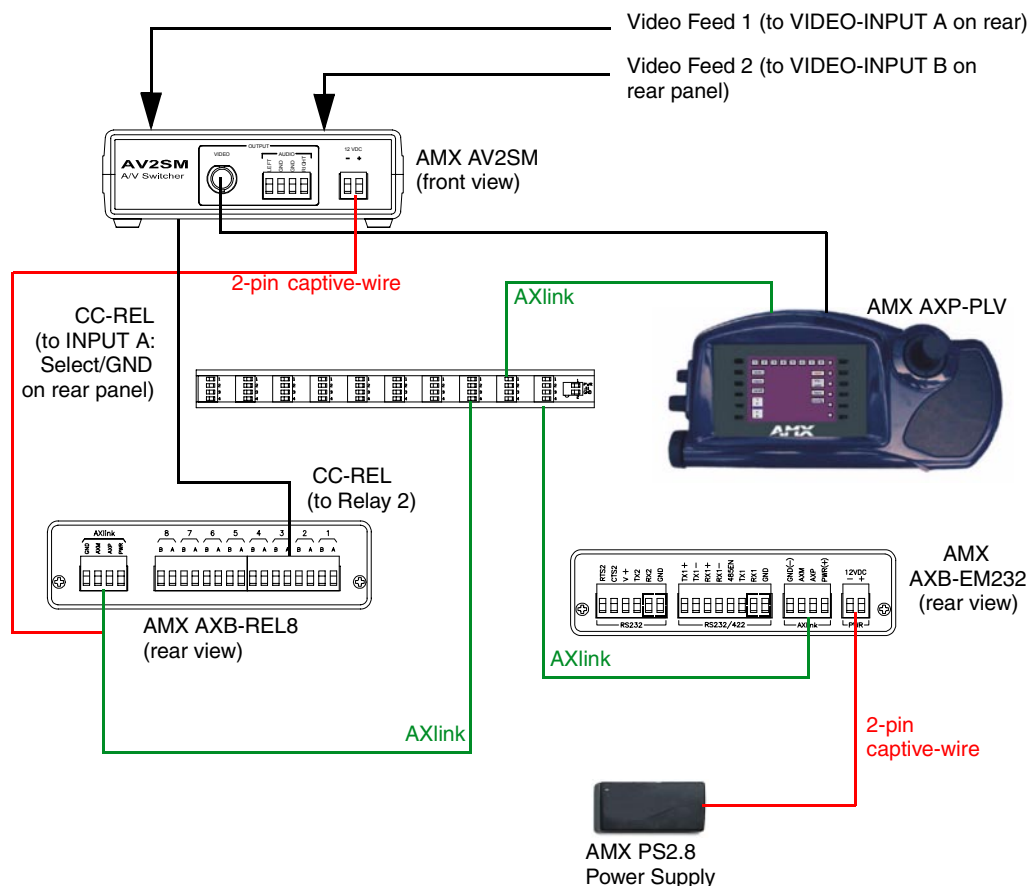
The AMX Preview Switcher System uses the AXP-PLV PosiTrack Pilot Video Panel Camera Controller in conjunction with the AXB-REL8 Relay Controller and the AV2SM 2 x 1 A/V Switcher.

## PT10-PRV System Components

<p><b>AXB-REL8 Relay Controller</b></p> <p>The AXB-REL8 is a Relay Controller that provides remote control for up to eight relay functions via the four-wire AXlink data bus.</p>	
<p><b>AV2SM A/V Switcher</b></p> <p>The AV2SM is a 2 x 1 A/V Switcher.</p>	
<p><b>CC-AXL AXlink Connection Cable (4-pin captive-wire to 4-pin captive-wire)</b></p> <p>The AXlink cable is used in all configurations, and connects the AXB-REL8 to the ABS Bus Strip.</p>	 <p>10' (3.05 m)</p> <p>4-pin captive-wire (AXB-REL8)      4-pin captive-wire (ABS Bus Strip)</p>
<p><b>CC-REL Relay Connection Cable (6-pin captive-wire to 6-pin captive-wire)</b></p> <p>CC-REL Relay Connection Cable connects the AV2SM to the AXB-REL8.</p>	 <p>10' (3.05 m)</p> <p>6-pin captive-wire (AV2SM)      6-pin captive-wire (AXB-REL8)</p>

## 2 x 1 Video Preview Switcher Configuration

The following example (FIG. 1) adds a 2 x 1 video preview switcher to any of the previous systems.



**FIG. 1** Sample two-camera control application using a CMA-D3 connection up to 100 m.

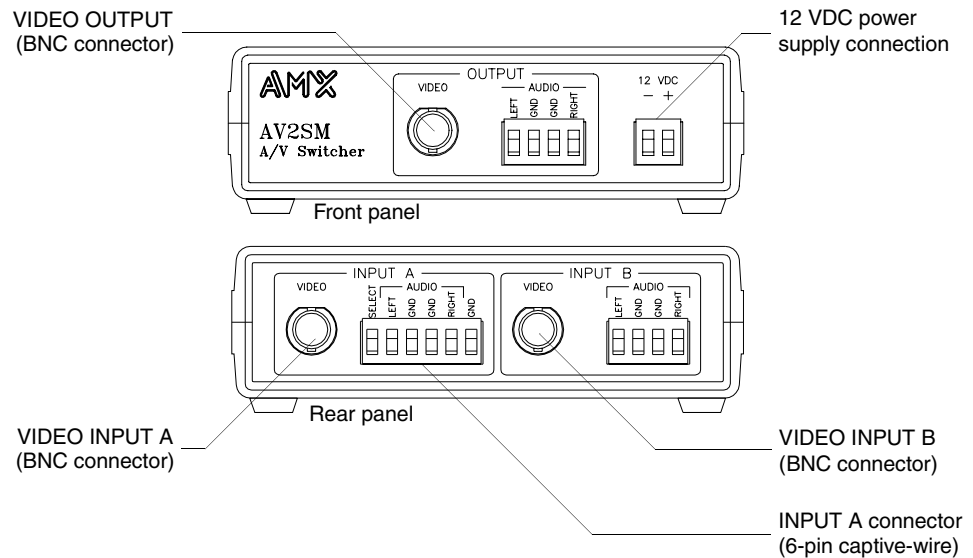
AMX components in this additional-camera control system:

- AV2SM 2 x 1 A/V Switcher
- AXB-REL8 Relay Controller
- CC-AXL AXlink cable 10' (3.05 m) AXlink connection cable (4-pin captive-wire to 4-pin captive-wire)
- CC-REL cable 10' (3.05 m) connection cable (6-pin captive-wire to 6-pin captive-wire)

# Installation and Wiring

This section covers the steps necessary to connect and operate a PT10-PRV 2 x 1 Video Preview System. Before continuing, verify that you have received the correct components for your package. Refer to FIG. 2 for more information.

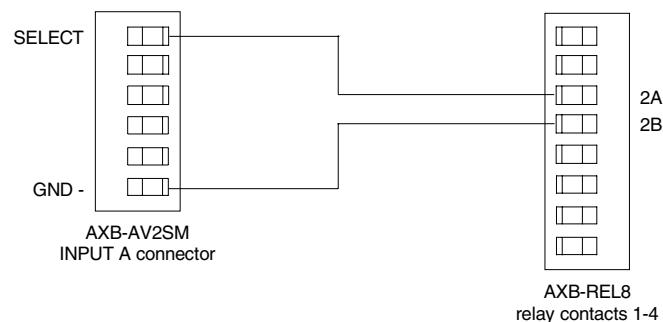
## Wiring Information for the AV2SM



**FIG. 2** Front and rear views of the AV2SM

### Using the CC-REL connection cable

Use the CC-REL relay control cable (6-pin captive-wire to 8-pin captive-wire) to connect the AV2SM to the AXB-REL8, as shown in FIG. 3.



**FIG. 3** CC-REL relay control cable connections

## Operation

Setting camera stations 1 and 2 on the AXP-PLV controller will switch the appropriate video to the touchpanel preview screen.



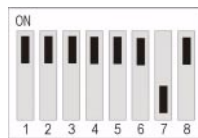


# Troubleshooting

If you are experiencing communication problems with the AXB-EM232, check the communications settings for the device. The RS-232 communication parameters for this device are set via the eight-position RS-232 DIP switch. On the AXB-EM232, the RS-232 DIP switch is located on the front panel. Verify that this DIP switch is set to the default positions indicated in below.

## Setting the RS-232 DIP switch (S2)

This describes the RS-232 DIP switch default positions:



- 9,600 baud
- No parity
- 8 bits
- 1 stop bit

The following table lists the RS-232 DIP switch settings:

RS-232 DIP Switch (S2) Settings								
Position	1	2	3	4	5	6	7	8
Function	Stop Bits	Data Bits	Parity			Baud Rate		
	Off 2 bits	Off 7 bits	Off	Off	Off	Off	Off	Off
	On 1 bit	On 8 bits	On	Off	Off	On	Off	Off
			Off	On	Off	Off	On	Off
			On	On	Off	On	On	Off
			Off	Off	On	Off	Off	On
			On	Off	On	On	Off	On
			Off	On	On	Off	On	On
			On	On	On	On	On	On



# Sony Technical Support

## On the Web

You can contact the Technical Assistance Network (TAN) on the Internet:

- <http://bpgprod.sel.sony.com/infosupport.bpg>

## Telephone Support

For dedicated phone support (available from 8:30 a.m. to 8:00 p.m. Eastern time, Monday through Friday):

- (201) 833-5333

## Written Requests for Assistance

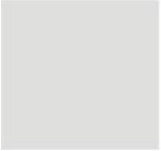
Sony's Business Information Center (BIC) serves as a "virtual reception desk" for the Broadcast and Professional Group. Staffed with full-time agents, the center is the focal point of contact for any Broadcast and Professional Group inquiry. The BIC is designed to provide general information, including product specifications, literature and list prices to inquiring callers.

- Tel: 1-800-686-SONY
- Email: <http://bpgprod.sel.sony.com/cic.htm>



*attn: Warranty Registration*

**AMX Corporation  
3000 Research Drive  
Richardson TX 75082**



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**IT'S YOUR WORLD. TAKE CONTROL.**

# PRODUCT REGISTRATION FORM

## Personal Information

☐ Mr. ☐ Mrs. ☐ Ms. ☐ Miss

First Name:

Last Name:

Address:

Address:

City:

State:  Zip:

## Purchase Information

Home Phone:

Office Phone:  ext:

E-mail:

Date of Purchase:     
day month year

System Type:  example: PT10-PLV

Where did you buy this System?

Serial Number

Please tape before mailing. DO NOT STAPLE.





AMX reserves the right to alter specifications without notice at any time.

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