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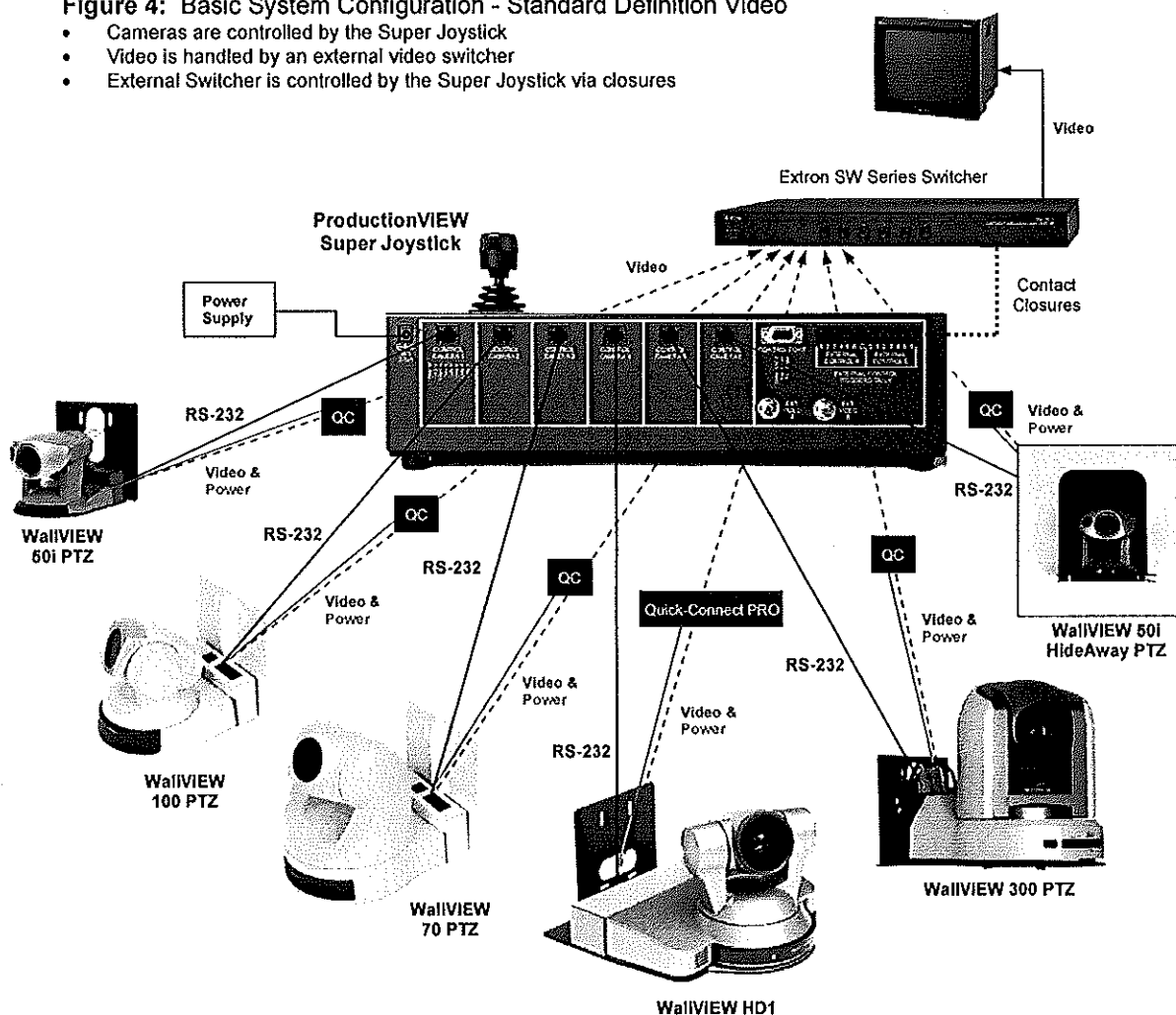### First Time Set-up with the ProductionVIEW Super Joystick:
ProductionVIEW Super Joystick was designed to be exceptionally easy to use and operate right out of the box. The controls are intuitive and logical and the pin-outs are printed on the back panel.
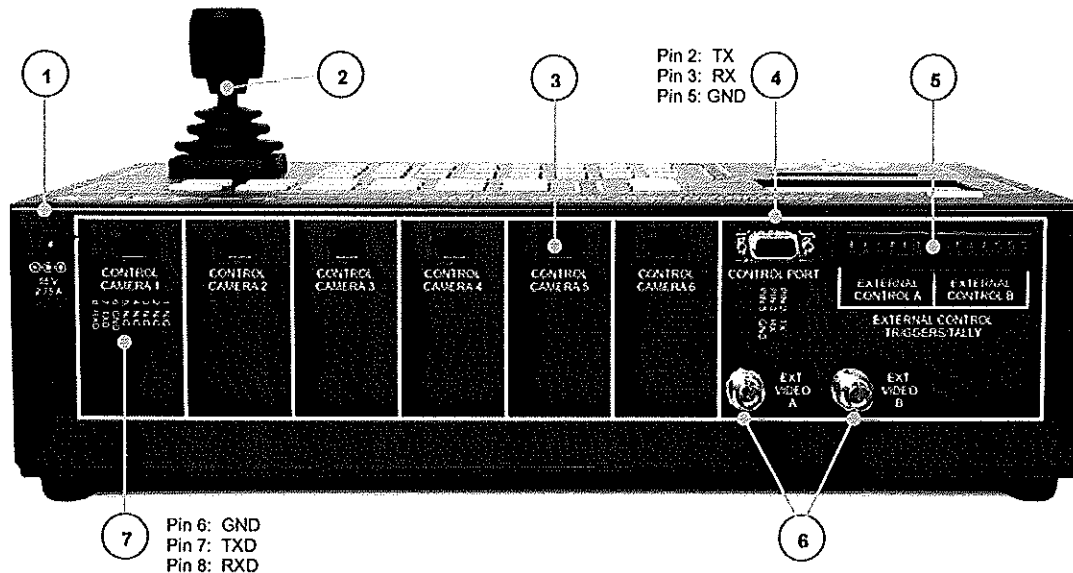
Getting Started:
To start using the ProductionVIEW Super Joystick, connect the RS-232 Camera Control Ports on the Super Joystick to the RS-232 inputs on the cameras, turn on the cameras and let them home, then turn on the Super Joystick. The Super Joystick will scan each of the cameras connected and automatically load the appropriate RS-232 codes for control of each camera. Any mix of up to six (6) compatible camera systems can be used concurrently on the system (see Figures 4 and 5). In all cases, video would be routed to an external switcher/mixer.

Figure 4: Basic System Configuration - Standard Definition Video
- Cameras are controlled by the Super Joystick
- Video is handled by an external video switcher
- External Switcher is controlled by the Super Joystick via closures

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ProductionVIEW Super Joystick Back Panel I/O and Controls (Figure 3):

Pin 2: TX
Pin 3: RX
Pin 5: GND

Pin 6: GND
Pin 7: TXD
Pin 8: RXD

1) **POWER INPUT**
   - Use only the 18 VDC, 2.75A power supply provided with the ProductionVIEW Super Joystick. Use of any other power supply may cause damage to the ProductionVIEW and to the products attached.
   - Connector 5.5mm OD, 2.5mm ID, positive center
2) **3-AXIS HALL-EFFECT JOYSTICK**
   - Pan/Tilt/Zoom Control, Side view - shown with rubber boot.
3) **CAMERA CONTROL PORTS on RJ-45 connectors**
   - One camera control port per camera (no daisy-chaining required)
4) **RS-232 CONTROL PORT**
   - DB-9 for RS-232 control of internal functions (Pin 2 = TX, Pin 3 = RX, Pin 5 = GND) for use with external controllers or external production switchers
5) **EXTERNAL CONTROL TRIGGERS/TALLYS**
   - For use with tally lights or external devices (i.e. video switchers or control systems). These external control contacts correspond directly to front panel EXTERNAL CONTROL A (1 through 6) and EXTERNAL CONTROL B (1 through 6) switches on the front panel.
   - External Control Triggers/Tally contacts are latching, TTL type. These triggers are not relays and no voltage should be applied to these triggers at any time. The triggers are configurable as Active High or Active Low.
6) **EXTERNAL VIDEO INPUTS (A & B)**
   - Composite video inputs on BNC connectors, 1 V p-p, and 75Ω for display on built-in 4" preview monitor.
7) **RJ-45 Pin–outs**
   - Pin-out reference for RS-232 control over Cat-5 (Cat. 5e) cabling
     - Pin 6: GND
     - Pin 7: TXD
     - Pin 8: RXD