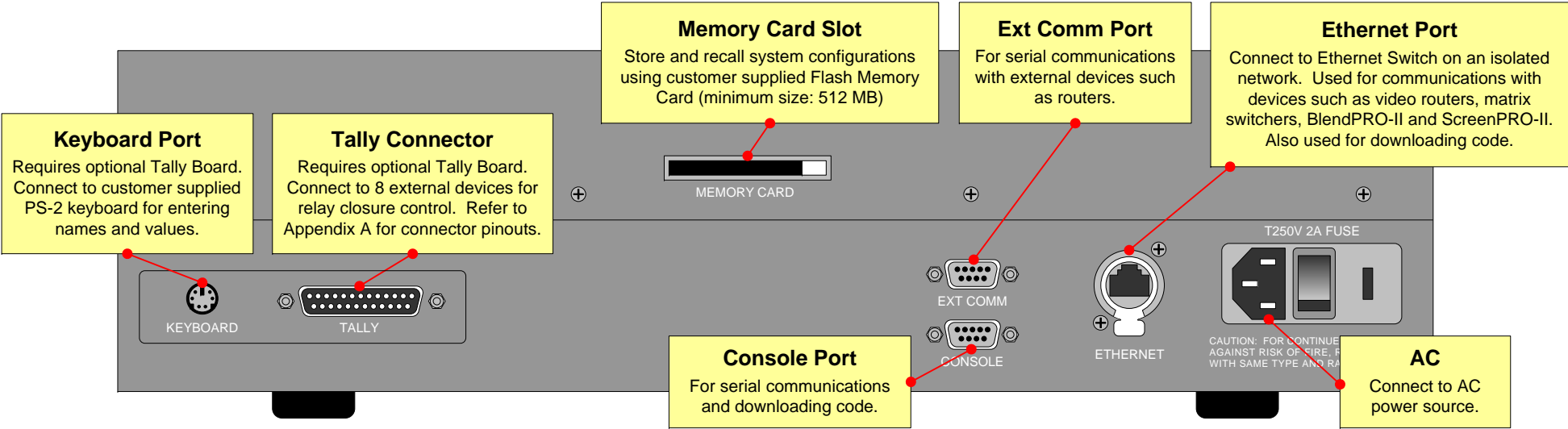


ScreenPRO-II Controller

Quick Start Guide



System Setup

! System setup is comprised of 20 sequences, each of which includes many steps. For error-free installation, always refer to the associated section in Chapter 5 of the User's Guide. The circled sequence numbers are identical.

Before you begin, ensure that your system is properly cabled. Use the sample charts on the back of this guide, or refer to Chapter 3 in the User's Guide.

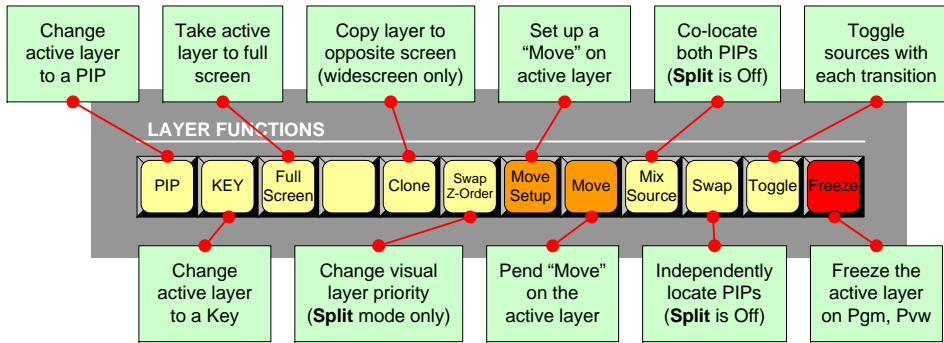
- 1 ID Setup and Remote Enable** — Set up your individual ScreenPRO-II IDs, and enable remote control on each ScreenPRO-II.
- 2 System Power Up** — Power up the entire system, and download code (if required).
- 3 Return to Factory Default** — Perform a complete factory reset on all devices. This procedure resets all router tables and source mappings.
- 4 Touch Screen Calibration** — Calibrate the Controller's Touch Screen display.

- 5 Programming EDID** — For your background and DSK sources, program EDID to ensure proper communications to your PCs at the preferred resolution.
- 6 Restore from Flash Memory Card** — If you backed up to Flash Memory, restore the configuration at this point. No further setup steps are necessary.
- 7 Standard Destination Setup** — Set up your single screen destinations (maximum 4) and/or your widescreen destination (maximum 1).
- 8 Router Setup** — Set up your system's routing switcher(s), including type, communications, output patching, and designating Aux outputs.
- 9 Aux Destination Setup** — Set up your system's Auxiliary destinations, including Aux, ImagePRO Aux and ScreenPRO-II Aux destinations as required.
- 10 Input Patching** — Associate (patch) specific router inputs to specific source buttons on the Controller. Assign tally connections as desired.
- 11 Output Format Setup** — Configure the output format for each ScreenPRO-II in your system to the native resolution of the display or projector.
- 12 Sync Setup** — Set up sync parameters for the monitors and projectors connected to the system.

- 13 Genlock Setup** — Set up Genlock for each destination on the Output Menu. For a widescreen destination, verify all BlendPRO-II "widescreen lock" connections.
- 14 Projector Setup** — Set up your projectors for both single screen and widescreen destinations.
- 15 Background Setup** — Set up the two background sources. Remember (on ScreenPRO-II) that BG/DSK input B is shared between DSK and Background B.
- 16 Input Setup** — Set up your system's inputs. For widescreen configurations only, adjust each input's phase and color balance at the output of BlendPRO-II.
- 17 DSK Setup** — Set up the DSK as a DVI source or a frame grab. Remember (on ScreenPRO-II) that BG/DSK input B is shared between DSK and Background B.
- 18 LOGO Setup** — Set up the LOGO as "black" or a frame grab.
- 19 Save the Setup** — From the **Home Menu**, press **SAVE** to save the state of the Controller in non-volatile memory.
- 20 Backup to Flash Memory Card** — Back up your system configuration to a customer-supplied Flash Memory Card.

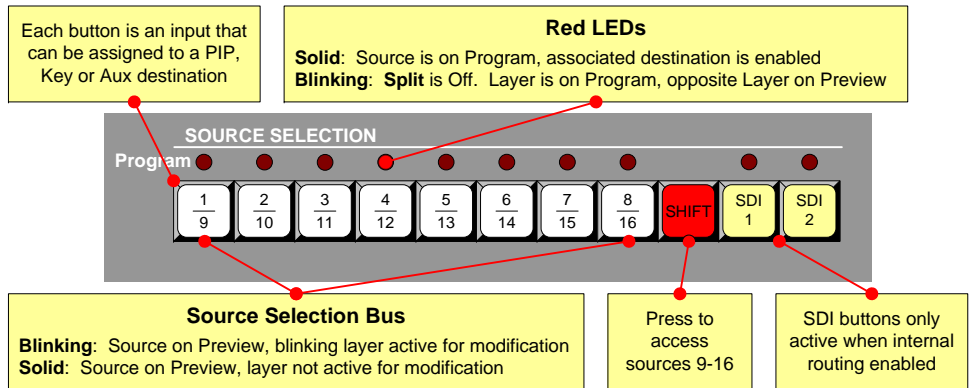
3

Layer Functions Section



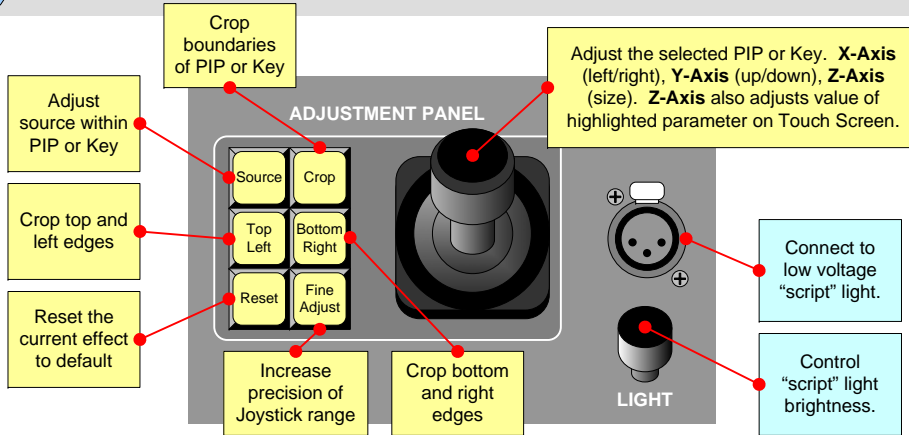
4

Source Selection Bus



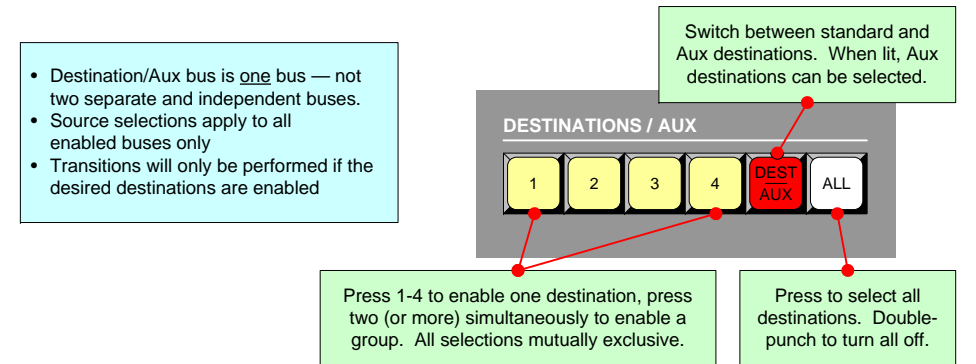
5

Joystick Section



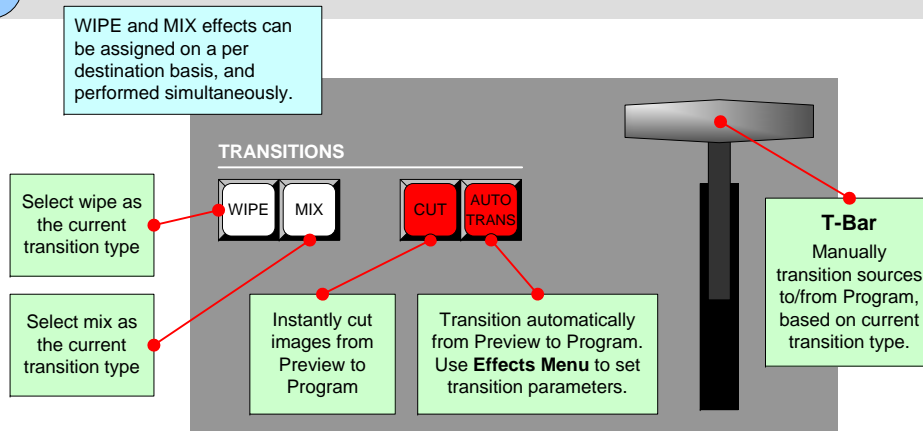
6

Destination / Aux Bus



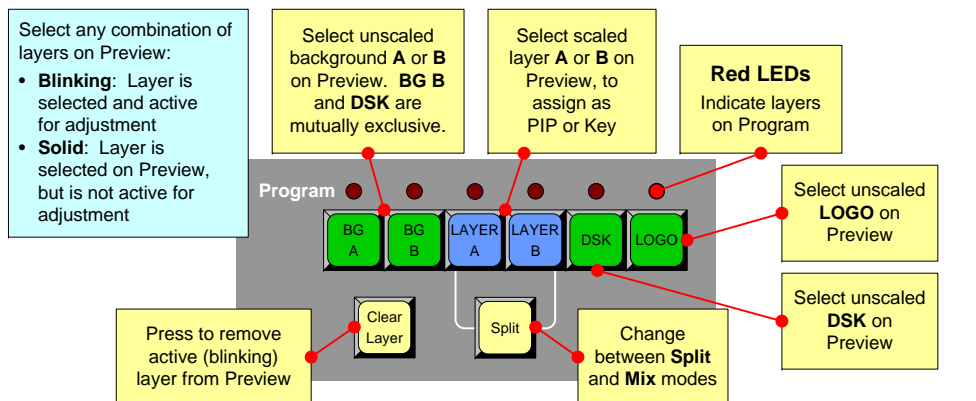
7

Transition Section



8

Layer Control Section



Touch Screen Menu Section
Used for system configuration, setup and operational adjustments, such as PIPs and Keys.

1

Presets Section
Stores and recalls Controller setups. 36 Presets are available — 6 pages of 6 Presets each.

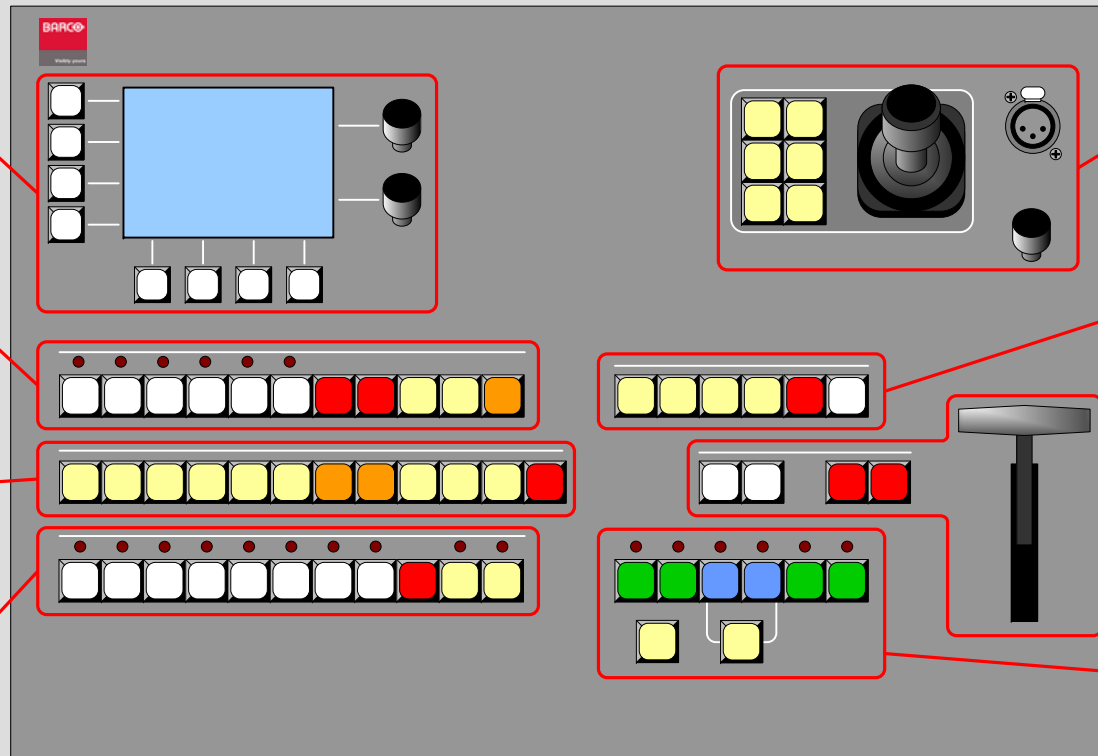
2

Layer Functions Section
When a layer is active, buttons in this section apply, enabling you to change the layer's mode and adjust the source.

3

Source Selection Bus
Selects the sources that are routed to PIPs and Keys. Buttons are provided for both analog and SDI sources.

4



Joystick Section
Includes a 3-axis Joystick and dedicated buttons that enable you to adjust PIPs, Keys and many additional system parameters.

5

Destination / Aux Bus
Routes signals to one or more destinations, such as projectors and Aux monitors. Four standard and four Aux destinations are provided.

6

Transition Section
Enables you to select a transition type, and perform a Preview-to-Program transition. Use the T-Bar for manually mixing sources.

7

Layer Control Section
Controls the overall "look" on Preview and Program. Selects the layer(s) that will transition to or from Program.

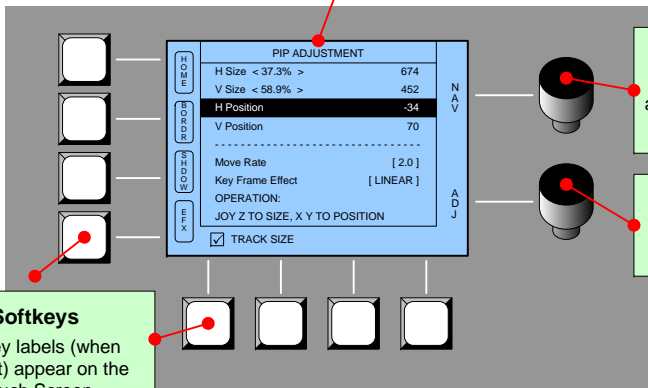
8

1

Touch Screen Menu Section

Four ways to access a function or a menu:

- Touch a button on the Touch Screen
- Press the **Softkey** adjacent to a label
- Use **NAV** to move the highlight, then **ADJ**
- Touch a line to move the highlight, then **ADJ**



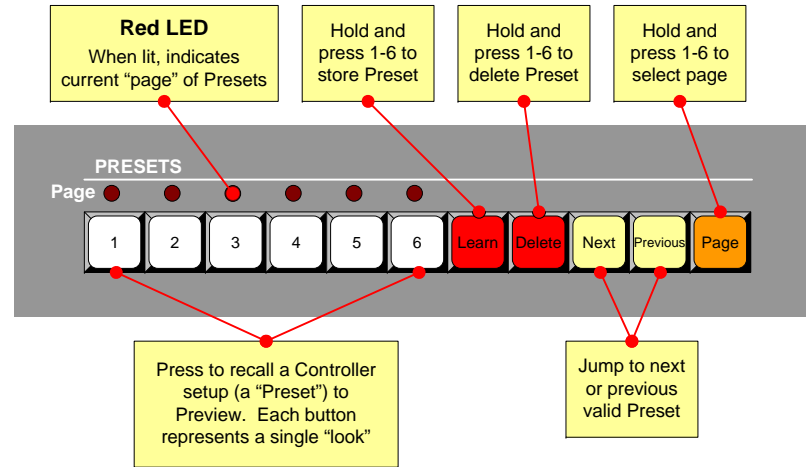
Softkeys
Softkey labels (when present) appear on the Touch Screen

NAV
Move the highlight up and down, or adjust the labeled parameter

ADJ
Adjust the highlighted parameter

2

Presets Section



Red LED
When lit, indicates current "page" of Presets

Hold and press 1-6 to store Preset

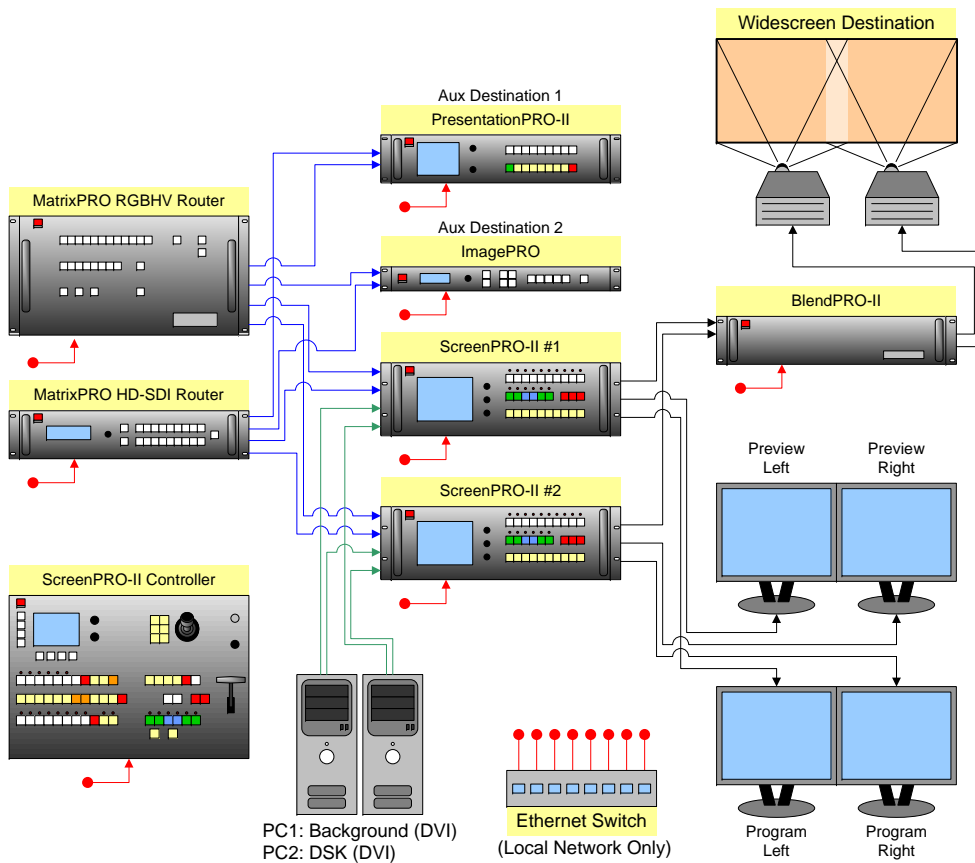
Hold and press 1-6 to delete Preset

Hold and press 1-6 to select page

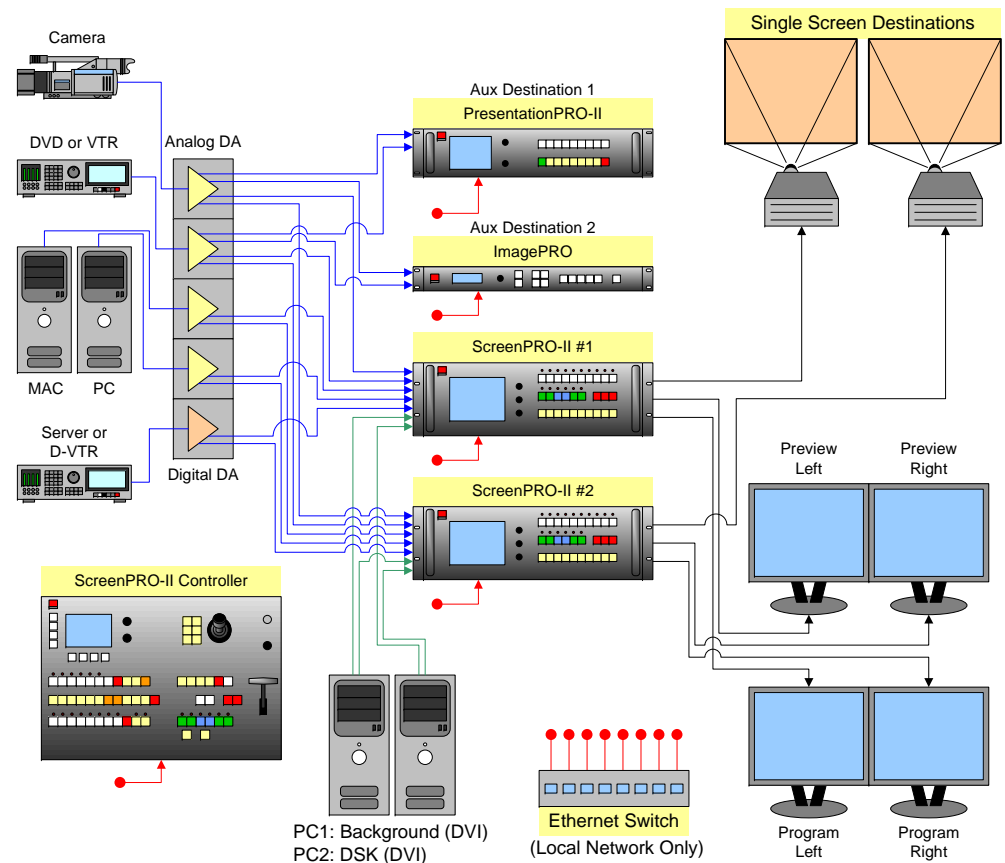
Press to recall a Controller setup (a "Preset") to Preview. Each button represents a single "look"

Jump to next or previous valid Preset

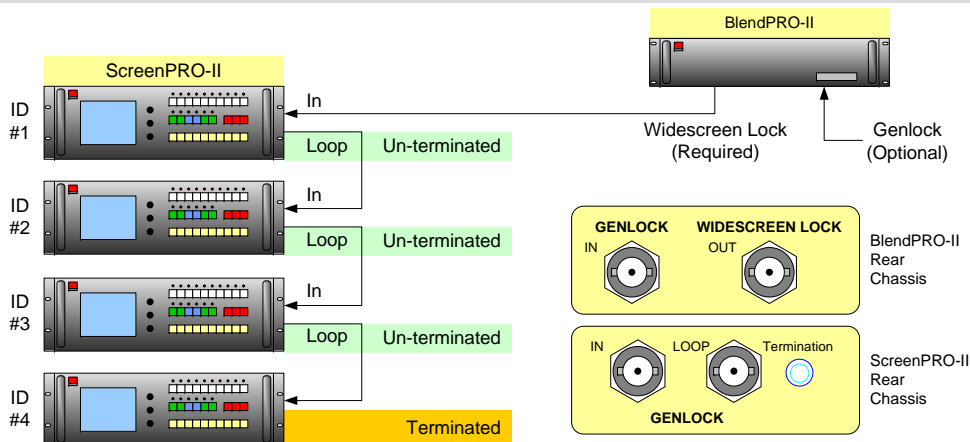
Sample System — External Routing



Sample System — Internal Routing



Widescreen Lock Connections



Breakout Cables for Analog Inputs

Breakout Cable Wire Color	Comp Video	S-Video (Y/C)	YUV (YPbPr)	RGB Sync on Green	RGB Comp Sync	RGB Separate H V
R	Red	✓ (Chrom)	✓ (Pr)	✓	✓	✓
G	Green	✓	✓ (Lum)	✓	✓	✓
B	Blue		✓ (Pb)	✓	✓	✓
H Sync					✓	✓
V Sync						✓

ScreenPRO-II Controller User's Guide

For complete details on all installation, setup, configuration and operations procedures, please refer to the ScreenPRO-II Controller User's Guide.