

PDS 3G Series

Quick Start Guide

Barco, Inc.

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Menu Display

Use ADJUST knob. plus SEL and ESC buttons to navigate menus.

Adjust

- · Counter-clockwise: scroll down menu tree, or decrement values.
- · Clockwise: scroll up menu tree, or increment values.

SEL

Press to enter a menu, change or accept a parameter, or answer "Yes" to a query.

Inputs Section

Sources 1-4: Analog Sources 5-8*: DVI or Analog

SDI: 3G/HD/SD-SDI LOGO/BLACK: Full screen capture

*(sources 7-8 not on PDS-701 3G)

Button States

Off: Input not selected Blinking: Input "pending" for

transition

Lit solid: Input on Program

LOGO/BLACK

Press to pend or initiate a black or logo transition.

Auto Take mode affects function (see User Preferences)

Blinking: Pending

Lit solid: Logo or Black on Program



ESC

Press to exit a menu without making changes. cancel an operation, or answer "No" to a query.

FRZ

Press to freeze or un-freeze current Program source. Lit solid = frozen.

PIP1 and PIP2

Press to set up, transition to and transition from one or both PIPs.

(Output mode must be set to PIP.)

TAKE

Press to mix the selected input to Program, or to execute a pending black transition. Use the Setup Menu to adjust the transition time.

NOTE

After each TAKE, Program and pending sources flip-flop.

Quick Setup and Operations



The following list summarizes PDS setup and operations. For error-free installation, always refer to the listed section in the User's Guide.

- **Connect Power** Ensure that power is properly connected to the PDS. (Chapter 3, "Cable and Adapter Information")
- **Connect Inputs** Connect all analog. DVI. and SDI input sources to the PDS. (Chapter 3, "Signal Installation")
- Connect Outputs Connect the output(s) of the PDS to your projector(s) or other target devices. (Chapter 3, "Signal Installation")
- **Power On** Turn on power to the PDS, your projector(s), and to all peripheral equipment. (Chapter 4. "Power-Up Initialization")

- Factory Reset When using a PDS for the first 5 time, perform a factory reset. (Chapter 4, "Factory Reset Menu")
- Launch GUI (Optional) Connect your laptop to the PDS, log onto the PDS using its IP address, and launch the GUI. (Chapter 5, "GUI Operations")
- **Set Output Format** Set the desired output resolution and frame rate. (Chapter 4, "Output Format")
- Enable Test Pattern Turn on a test pattern, verify an image, and adjust as required. When complete, turn off the pattern. (Chapter 4, "Test Pattern")
- Save Output Configuration After completing all output adjustments, save the output configuration. (Chapter 4, "Save Config")
- Select and Adjust Input Select an input, and perform the necessary image adjustments. (Chapter 4, "Input Menu")
- Save Input Configuration After completing all adjustments for an input, save the input configuration. (Chapter 4, "Save Config")

- Repeat for Each Input Repeat steps 10 and 12 11 for each input that you have connected to the
- **Adjust System Parameters** Adjust parameters 13 such as transition time, display brightness, user prefs. (Chapter 4, "User Preference Menu," "System Menu")
- Save System Configuration After completing all 14 system adjustments, save the system configuration. (Chapter 4, "Save System State")
- Enable Remote Control (Optional) Connect 15 Ethernet or Serial communications, and issue desired commands. (Appendix B, "Remote Control")
- Ready to Roll With all output, input and system 16 configurations saved, press the desired input button. and press TAKE.



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Analog Inputs DVI-I Inputs 3G/HD/SD SDI **Program Outputs Preview Outputs** Communications Input Connect to DVI or analog sources. 1 x DVI, 1 x Analog, Ethernet and Serial connectors are provided Connect to analog sources such Connect to DVI or as PCs, VTRs, and cameras. The connector's analog pins can be 1 x 3G/HD/SDI provided. analog preview for communications with PDS. Use the Connect to 3G/HD/SD Use breakout cables as required. accessed with a breakout cable, or a Ethernet Menu and Serial Setup Menu to monitor. SDI source. Note: When the SDI output is DVI to HD-15 adapter. See * below for details. set parameters. Use Ethernet connector to (Only on PDS-902 3G) interlaced, the DVI and (Inputs 7 and 8 not on PDS-701 3G) run web-based GUI. HD-15 will be a progressive signal at the same resolution. VIDEO INPUTS AC •••• 10 3G SDI Connect to AC power source.



PROGRAM: **RGB** Program Input Type 1024x768 @59.94 Program Input Format **NEXT:** SDI Next Input Type NTSC (480i) Next Input Format

Sample Status Menu

- Input Type Specifies the type of input signal currently on Program.
- Input Format Indicates video format on Program. If the input is not valid, "Invalid Signal" is shown.
- Next Input Type Indicates next Program input type, plus HDCP status (if applicable).
- Next Input Format Indicates next Program input format.

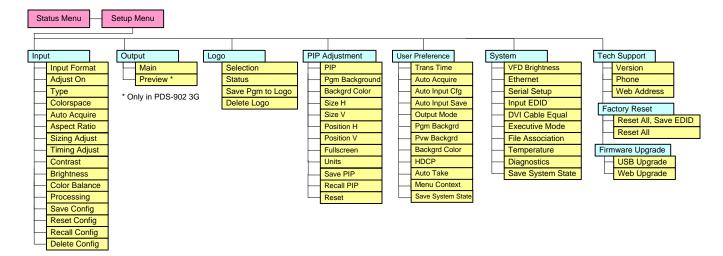


For HDCP sources, ensure the Output Display device is HDCP-compliant. Otherwise, the display device will be blacked when protected content is selected to be shown on that output.

NOTE

- To display the Setup Menu from the Status Menu, press SEL.
- To return to the Status Menu from any point in the Setup Menu, press ESC repeatedly.

Menu Tree — only top level functions are shown



* Breakout Cables for Analog Inputs

Use this table to connect various source formats to the PDS, using the system's analog input connectors (Inputs 1 - 8).

Breakout Cable Wire Color		Comp Video	S-Video (Y/C)	YUV (YPbPr)	RGB Sync on Green	RGB Comp Sync	RGB Separate H V
R				√ (Pr)	✓	✓	✓
G		✓	✓ (Lum)	✓ (Lum)	✓	✓	✓
В			✓ (Chrom)	√ (Pb)	✓	1	1
H Sync						1	1
V Sync							1

For complete details on all installation, setup, and operating procedures, refer to the PDS User's Guide.