DX-700

Multi-window, versatile image processing unit for LED displays

DTS COMPATIBLE

RMS COMPATIBLE

→☐ PREVIEW

3D READY

SCALABLE

up to **HD** COMPATIBLE

LED COMPATIBLE

The DX-700 is a multi-window video processor designed as a versatile front-end to a wide range of Barco LED displays. With color calibration genlocking, versatile input and output modules, support for blending, color keying and a wide variety of show effects, the DX-700 is an ideal and user-friendly choice to boost the performance of your display.

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Product specifications	DX-700
Inputs	**1 x Analog input (HD-15)** ▪ All resolutions supported to a maximum rate of 240MHz (progressive or interlaced scan). ▪ 10-bits/color sampling **1 x 3-BNC input** ▪ All resolutions supported to a maximum rate of 240MHz (progressive or interlaced scan). ▪ 10-bits/color sampling ▪ Supports composite NTSC/PAL/Secam, S-Video (Y/C) and Component RGB or YPbPr w/Sync-on-G (Y) ▪ Supports Tri-level sync **1 x DVI Digital input** ▪ All resolutions supported to a maximum rate of 165MHz (single-link) or 240MHz (dual-link). ▪ Supports both RGB and YCbCr, progressive or interlaced. ▪ Supports single-link and dual-link ▪ Also used as Expansion Input port when linking units together **2 x HD/SD SDI input** ▪ 525/60 (NTSC) and 625/50 (PAL), per SMPTE 259M ▪ HD 720p per SMPTE 296M, HD 1080i per SMPTE 292M ▪ Supports single-link and dual-link ▪ Dual-link HD-SDI modes supported per SMPTE 372M:
Outputs	**Triple DVI-style connectors supporting the Barco Legacy 32MHz LED Output protocol.** ▪ Each output can drive a different type of Barco LED product. ▪ Large displays can be driven by combining multiple outputs. ▪ 2 output cards (6 outputs) are required to output 2K x 1080 to 1080 x 2K. **Triple HDMI-style connectors supporting the Barco high-resolution NNI LED output protocol.** ▪ Large displays can be driven by combining multiple outputs. ▪ The 2K x 1080 to 1080 x 2K output resolution can be achieved by combining the 3 outputs on a single NNI Output Module.
User Control	**Front Panel Display** ▪ VGA touch panel Display, Display setup wizard, Source setup wizard, Preset management menu, Source alignment menu, Display management, DX-700 management **Front Panel Buttons** ▪ Six softkeys are used to access menus and activate functions. ▪ Five navigation buttons are used to navigate through menus and lists. ▪ Black button. This button places black on all outputs. ▪ Test pattern button. This button takes you directly to the Test Pattern Generator Menu. ▪ Presets button. This button takes you directly to the Preset Management Menu. **Remote Control** ▪ Fully controllable over IP

Base unit

Width:

- 19" Rack

Height:

- 5RU

Input/Output Connectors

- All Input and Output connectors are located on the back.
- The connections with the system module are located on the back.

Power

- 100-240 VAC, 50-60 Hz, Auto selecting

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