

LDX-58 RL

58" Quad HD LED backlit LCD display

quad HD
3840 X 2160

8
MP

WIDE VIEW

WIDE SCREEN



The LDX-58 RL is a large-screen LED-backlit personal workstation display, featuring a 58-inch LCD panel (16:9) with Quad HD resolution (3840 x 2160). It was designed for collaborative decision-making, combining a very high resolution with excellent contrast ratio, high brightness, and a wide viewing angle.

The large-size, ultra high-resolution LCD screen offers a more efficient alternative to multi-monitor configurations. The LDX-58 RL fits the requirements of a wide range of applications, including control rooms, break-out rooms, collaboration rooms, crisis operations and war rooms, etc.

Perfect images

To allow operators to react on real-time events in the fastest time possible, the LDX-58 RL's special video controller design use no frame buffering. This results in a minimal delay between input signal and display (typically 10 ms). In order to benefit from the large screen size and resolution, the LDX-58 RL has two sets of inputs, both arranged as 2X Dual-Link DVI. Using a local keyboard, you can switch between the inputs. What's more, the LDX-58 RL is also fully integrated with Barco's TransForm N family of controllers.

The display's light haze type LCD finishing, is the ideal compromise between perfect optical quality and the minimization of ambient reflections. To even further emphasize its versatility, the LDX-58 RL offers a variety of settings that make it suitable for any kind of imaging.

Reliable and safe performance

Its redundant power supply architecture ensures stable and reliable operation in

Its redundant power supply architecture ensures stable and reliable operation in the most critical conditions. What's more, an internal microcontroller continuously monitors the display's operation, to detect minor malfunctions at first notice. And last but not least, the ventilation system was designed for low impact on the controlled air flow of control rooms.

Benefits:

- Ultra-high resolution (3840 x 2160 pixels)
- Long-life, low-power LED backlight
- Versatile input configurations (2 sets of 2 x Dual-Link DVI inputs)
- High brightness, high contrast ratio, low-latency video processing
- Slim and lightweight design

Product specificaties

LDX-58 RL

General specifications	
Actief scherm (diagonaal)	58"
Weergavetechnologie	SMVA
Actief gebied	1270 x 721 mm
Achtergrondverlichting	Direct LED
Resolutie	QFHD
Pixeldichtheid	3840 x 2160 Pixels x 3 colors
Beeldverhouding	16:9
Helderheid	700 cd/m² typical
Contrastverhouding	4000:1 (max.)
Reactietijd	8.5 ms typical
Kleurdiepte	10 bit
Kijkhoek	176° (H) , 176° (V) typical
Oppervlaktebehandeling	Anti-glare coating (haze 1%)
Kleurenspectrum	9300 K / 72% NTSC
Optische-overdrachtsfunctie	NATIVE / COLOR / USER LUT
Kleurtemperatuur	From 2000 K to 12000 K (with COLOR Transfer Function selected)
Gammacurve	Adjustable from 1.4 to 3.2 (with COLOR Transfer Function selected)
Levensduur achtergrondverlichting (halve helderheid)	50,000 hours
MTBF	35,000 hours (calculated)
Framesnelheid	60 Hz
Video-ingangen	2 x Dual Dual-Link DVI, selectable
Lokale controle	Keypad (5 keys, OSD assisted)
Afstandsbediening	Serial RS-232 (D-Sub9) or Serial Link over Ethernet (RJ45) selectable
Stroomingang	100 -240 Vac 50 / 60Hz
Energieverbruik	230 W typical (operating)
Bedrijfstemperatuur	+ 0 to +35 °C (operating) -20 to +60 °C (storage)
Vochtigheid in bedrijf	Less than 90% RH (operating) Less than 95% RH (storage)
Afmetingen	Width: 1318 mm Height: 776 mm Depth: 146 mm
Gewicht	48 kg
Montage	VESA 400
Goedkeuringen	EN55011 -Class A, CISPR11 -Class A

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