



## 55" Semi-Outdoor LCD Display

### Model LXS-55 Specifications



#### Description

The LXS-55 is a slim ADA compliant LCD display intended for use in unsupervised, public applications. A secure, tamper-proof enclosure and tempered glass provide protection against vandals and liquid intrusion. Wall mounted with less than 4" projection, or optional free-standing pedestal. This display is equipped with a hi-bright, full-HD LG Display LCD panel and optionally, fast-response 10-point projected capacitive touch sensor with USB interface.

#### Key performance specifications

- 700 cd/m2 (nits) brightness w/50,000 Hr. rated life
- 1920 x 1080 full HD resolution
- Rated for 24/7 commercial use

#### Key Features

- Vandal and graffiti resistant IP65 rated enclosure
- Condensation-free environmental system
- RS-232 control and monitoring port (Ethernet optional)
- Comprehensive 3 year warranty, optional 5 year coverage
- 10-point touchscreen w/driverless USB interface (optional)
- ADA compliant (<4" depth with wall mount)
- Internal, drop-down compartment for user-devices and connections.

#### Connectivity

- HDMI (x1)
- DVI (x1)
- Displayport (optional)
- Analog RGB (x1)
- Composite/S-video (x2) (optional)
- Base-T (optional)
- Ethernet H.264 (optional)
- RS-232 Control port (Ethernet optional)
- Audio (optional)

#### Display specifications

- Diagonal size: 55 in. (1397mm)
- Resolution: 1920 x 1080 (x3) pixels
- Luminance: 700 cd/m2 (nits)
- LED backlight rated at 50,000 hours
- Colour depth: 10 bit, 1.07 billion colours
- Viewing angle: R/L 178 min, U/D 178 min.
- Response time: 8 ms. (typical)

#### Electrical specifications

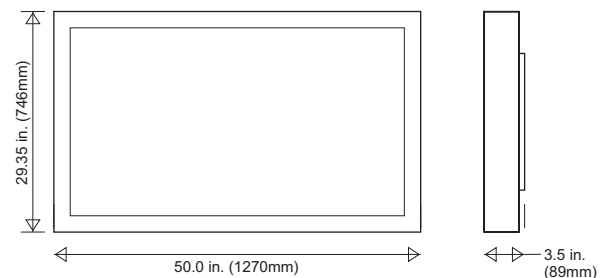
- Supply Voltage: 120 VAC @ 60Hz (hard wired)
- Power Consumption: 200 watts
- CSA approved

#### Environmental specifications

- Operating temperature: -10 to +40c
- Humidity: 5-95% non-condensing

#### Mechanical specifications

- Dimensions: 50.0 x 29.35 x 3.5(d) in. (1270x746x89mm)
- Weight: 65 Lbs. (29kg)
- Enclosure rating: IP65



See reverse for complete specifications...

## LXS-55 SPECIFICATIONS

DISPLAY	Specification	USER SETTINGS
Diagonal size	55.0 inches (1397mm)	-Power ON/OFF
Aspect ratio	16:9	-Auto power off/soft power off, enable/disable
Resolution	1920 x1080	-Input Select, auto source select, lock
Viewing Angle	178H / 178V	-Scaling Mode (1-1- pixel mode, fill screen, preset aspect ratios)
Contrast ratio	3000:1	-Auto-wide screen enable/disable
Color depth	1.07 billion colors (10 bit)	-Brightness
Response time	8 ms (typ.)	-Backlight level
Luminance	700 cd/m2 (nits)	-Dimming control
Backlight type	Solid-state, 50,000 Hr. rated life	-Color
Orientation	Landscape or portrait	-Hue (tint)
Brightness Control	Manual	-Saturation
<b>ELECTRICAL RATINGS</b>		-Phase
Supply voltage/Frequency	120V AC / 60 Hz	-Image position, orientation (flip image)
Power consumption	200 Watts (approx.)	-Gamma control
Approvals	CSA	-Contrast
<b>CONNECTIVITY</b>		-Sharpness
Analog inputs	RGB Composite BNC (x2) (optional) S-Video (x2) (optional) Component Y, Pb, Pr, RCA (optional)	-Zoom
Digital inputs	DVI-I/D (x1) HDMI (x1) w/audio Displayport (optional) Base-T (optional) Ethernet H.264 (optional)	-Programmable hot-keys (x2)
Control ports	Serial RS-232, Ethernet (optional)	-Auto-calibration
<b>SUPPORTED INPUT MODES</b>		-Factory reset
Analog PC	H Frequency Range: 31-67.5 kHz V Frequency Range: 60-75 Hz Maximum resolution: 1920x1080 60Hz	-Picture-in-picture: ON/OFF, source, size, position, swap
Digital PC HDMI	640 x480 thru 1920 x 1200, 60-75 Hz	<b>EMISSIONS / FCC STATEMENT</b>
Composite (DTV/DVD)	1080p, 1080i, 720P	This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.
<b>ENVIRONMENTAL</b>		Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Luxtronix is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.
Operating temperature range	-10 to +40 C	This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Storage temperature range	-20 to +50 C	<b>LIMITED WARRANTY</b>
Operating humidity range	5 to 95% (non-condensing)	The manufacturer warrants that the product shall be free from defects in materials or workmanship for a period of three (3) years from the date of delivery. The manufacturer agrees to repair any such defects free of charge to the customer or it's agent(s) upon return of the defective product within the warranty period if, after inspection by the manufacturer, proves defective under the terms of this warranty. In which case, the manufacturer, at it's option, shall repair or replace said defective product and return it to the customer or it's agent(s) at no cost, including parts, labour and return freight but not installation.
Ingress rating	IP65	This warranty does not extend to: products that have been improperly shipped, installed or connected; product that has been subject to abuse, misuse, neglect, physical damage, massive electrical surges, accident or unauthorized repair.
Thermostatic Control	Automatic	This warranty is based on commercial use of the product. The product is rated for 24/7, 365 days a year continuous operation.
<b>MECHANICAL</b>		<b>EXTENDED WARRANTY OPTION</b>
Outline dimensions	50.0 x 29.35 x 3.5(d) in. (1270x746x89mm)	An extended warranty is available for this equipment, up to two (2) years of additional coverage, to a maximum of five (5) years total warranty coverage.
Weight	65 Lbs. (29kg)	
Mounting provision	VESA 600mm x 400mm on rear panel	
Cable entry	Sealed cable gland on rear panel	
Protective glass	Tempered glass, anti-reflective (1K10 rated)	
<b>USER CONTROLS</b>		<i>NOTICE: The information provided in this document has been checked and is believed to be reliable, however Luxtronix takes no responsibility for damages, loss or failure due to the application of this information. All specifications are subject to change or correction without notice.</i>
Interfaces	Concealed keypad, hand-held remote control	
On-Screen Menu Customization	Menu location, orientation, transparency	
Remote Control Lock-Out	Optical sensor cover, locking (optional)	

# Luxtronix

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