55" Xtreme™ Display
Optically Bonded

There has never been an outdoor flat panel display like the Peerless-AV Xtreme™ display. Eliminating the need for vents, filters or exhaust fans, the unique fully-sealed design provides the ultimate protection against weather, water and dust. A patented Dynamic Thermal Transfer™ system keeps internal components safely warmed in extreme cold and properly cooled in extreme heat. The Peerless-AV outdoor flat panel display has the highest ratings for waterproof and dustproof in its class, making it the perfect choice for any location, indoor or out.

NewBay Media
PRODUCT INNOVATION
Award 2013
HONORABLE MENTION

Features

• Patented Dynamic Thermal Transfer™ system keeps internal components safely warmed in extreme cold and properly cooled in extreme heat without the need for exhaust ventilation.

• Fully-sealed seamless design prevents water, dust or insects from entering the display and provides the highest environmental protection in the harshest environments.

• Ambient light sensor automatically adjusts brightness to best match the lighting conditions, providing the best picture at all times.

• Ultra-slim bezel makes beautiful outdoor digital signage and virtually seamless video walls possible.

• Anti-reflective, impact-resisant safety glass protects the screen against damage.

• Total customization available. Color match the body to any color needed. Add logos or artwork with custom silkscreening or overlay skins.

• Optic Bonding on an outdoor sunlight readable screen enhances the contrast ratio in ambient light and reduces the glare to give outstanding viewability
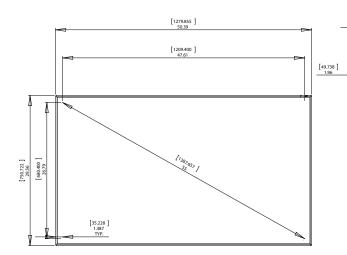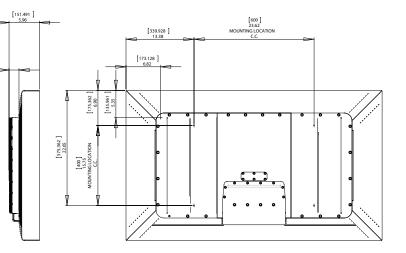
Seeing is Believing

Product Name	55" Xtreme ™ Outdoor Display
Part Number	CL-55PLC68-OB

LCD DIsplay

Screen Size	55" diagonal
Aspect Ratio	16:9
Resolution	1920 x 1080
Brightness	700cd/m^2
Backlight Adjustment	Automatic (Ambient Light Sensor)
Contrast Ratio	1000:1
Viewing Angle	178° Vertical/Horizontal
Response Time	9 ms (Gray to Gray)

TV Controller Features

Analog TV	NTSC
Digital TV	ATSC
Picture Adjustment	Brightness/Contrast/Saturation/Tint/ Sharpness/Noise reduction
Picture Mode	Standard, Dynamic, Personal, Soft
Color Temperature Adjustment	Cool, Normal, Warm
Screen Adjustment	Normal/Wide/Zoom
Clock, Sleep Timer	Yes
MTS	Yes
V-chip	Yes
Closed Caption	Yes
Electronic Program Guide	Yes
Noise Reduction	Yes
3-D Comb Filter & De-Interlace	Yes
Mute	Yes
OSD Language	English, French, Spanish

Input/Output Connections

TV Input (Standard)	Coax, 75 ohm (x1) QAM256 MPEG 2
TV Input (Optional)	Coax, 75 ohm (x1) QAM256 MPEG 4
VGA Input	15 pin D-SUB (x1)
HDMI Input	HDMI (x2), 480i, 480p, 720p, 1080i, 1080p
S-Video Input	Mini DIN (x1)
CVBS Input	RCA (x1)
YPbPr Input	RCA (x2), 480i, 480p, 720p, 1080i, 1080p
VGA Stereo Audio Input	3.5 mm (x1)
CVBS Stereo Audio Input	RCA (x1)
YPbPr Stereo Audio Input	RCA (x1)
Audio Stereo Output	8W + 8W, 8 Ohm (Optional Feature)
USB	Yes
RS232	DB-9 (Male)

Power

AC Input	90 VAC to 240 VAC, 47 to 63 Hz
Power Consumption	Display – 122 W (Nominal) Low Temperature Heater – 500 W

Environmental

Operating Temperature	-40°F to 140°F
Storage Temperature	-40°F to 140°F (Unit Left Plugged In)
IP Rating	IP68
Safety/EMC	FCC Class B

Mechanical

Display Size	50.39 in x 29.56 in x 5.96 in (W x H x D)
Shipping Carton Size	56 in x 34 in x 11 in (W x H x D)
Net Weight	130lb
Shipping Weight	140lb
Color	Black, Silver
Glass	Anti-reflective & UV Protection
VESA° Pattern	600 mm x 400 mm

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