



Xtreme™ Outdoor Daylight Readable Displays CL-42PLC68(-OB), CL-47PLC68(-OB), CL-55PLC68(-OB)

Introduction and Technology

The Peerless-AV Extreme displays come in (2) different versions. The Standard version and an Optically Bonded version which allows for the direct sunlight readability. All displays that live in direct sunlight will struggle unless an Optic Bonding element has been employed within the device. To further the robustness of the Displays, they are all IP rated.

Extreme Display Hourly Power Requirements (24/7 use)

42": 168 watts, 47": 213 watts, 55": 248 watts

TV/Audio Performance

The Extreme Displays and Consumer TVs support full HD 1080p60.

What size displays do I have to choose from?

The Peerless-AV Extreme Displays and TVs come in 42", 47" and 55" sizes.

What are the environmental ratings of the Extreme displays?

Environmental Ratings: IP68, NEMA 6

What are the environmental ratings of the Consumer TVs?

Environmental Ratings: IP65, NEMA 6

What is does the environmental rating refer to?

IP68 = Protected against water submersion - The equipment is suitable for continual submersion in water under conditions which are identified by the manufacturer. IP65 = Protected against water jets - Water projected at all angles through a 6.3mm nozzle at a flow rate of 12.5 liters/min at a pressure of 30kN/m² for 3 minutes from a distance of 3 meters. NEMA 6 = No ingress of dust; complete protection against contact (dust tight)

Do the Peerless-AV Displays support audio?

An accessory sound bar is available for the Extreme Displays. The Consumer TVs have speakers included.

What video signals do the displays support?

The Extreme displays support HDMI, VGA, Component, and Composite AV.

What ways can I control the Display?

The Peerless-AV Extreme Displays and Consumer TVs come with IR remote controls. Each display also supports RS232C for control. A complete list of codes are available.

The display is not reacting to the included IR remote control. How can I verify my remote control is working?

You can verify if your remote is working by using a digital camera, such as a smart phone. Turn the camera function on (if it's an iOS 5 or above you will need to use the secondary camera). Point the Remote at the camera and press a button. If it is working you will see a purple light emitting from the transmitting end of the remote control.

Can you guarantee that your equipment will work in my desired situation?

The Extreme Displays and Consumer TVs will perform as needed. Caveats need to be taken regarding: Direct Sunlight; Audio Support; Appropriate Power runs; Signal Cabling; and Control so the proper infrastructure is in place.

Why do I see sparkles?

Sparkles are generally created from a marginal or failing HDMI cable.



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