

peerless-AV®



**ciil**® Xtreme™ All-Environment Daylight Readable Flat Panel Displays



Peerless-AV's Ciil® Xtreme™ Daylight Readable Flat Panel Displays use advanced technology to create crisp, clean images even in direct sunlight. Only from Peerless-AV, the company that created the first fully-sealed all-weather, all-environment display.



## The Best Outdoor Display Just Got Better

Peerless-AV's Ciiil® Xtreme™ Daylight Readable Displays provide crystal clear images even in direct sunlight conditions making Ciiil the ideal choice for any outdoor use. Our advanced screen technology provides a deeper contrast which creates a crisper picture that is more readable in direct sunlight conditions than screens that only offer a higher lumens rating. No other weatherproof display can endure the extremes like Ciiil Xtreme Displays because no other display has the Dynamic Thermal Transfer™ system. A patented system that keeps the internal components safely warm in extreme cold and properly cooled in extreme heat. The exclusive fully-sealed design provides a smooth surface that prevents ice or dust from working into the seams, because there are no seams. This makes Ciiil Xtreme displays able to withstand salt spray, water, wind, dust, microparticles, fumes, chemicals, even tiny bugs. Nothing gets in because there are no vents, seams or exhaust fans. And the ultra-thin bezel and daylight readable screen means you see the content, not the display. Ciiil Xtreme Daylight Readable all-environment displays are tough enough to install virtually anywhere, and provide a crisp clear image even in direct sunlight.

- \* Daylight Readable Full HD 1080p resolution for bright, crisp picture.
- \* Patented, fully-sealed design keeps water, dust and even tiny bugs outside the flat panel where they can't cause any damage.
- \* Ambient light sensor automatically adjusts brightness to provide the best picture in any light conditions.
- \* Ultra-slim 1/4" bezel puts the emphasis on the picture, not the display. Perfect for video walls and other digital signage.
- \* Anti-reflective shatterproof safety glass provides added protection in active areas
- \* Ventless Dynamic Thermal Transfer™ System keeps internal components safely warmed in extreme cold and properly cooled in extreme heat.
- \* Sealed Cable Entry provides a waterproof seal that ensures signal connections are unaffected by weather conditions - keeping water, dust, ice and air outside the display.

### Specifications

Model	42" CL-42PLC68-OB	47" CL-47PLC68-OB	55" CL-55PLC68-OB
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Shatter-resistant glass	Yes	Yes	Yes
Brightness	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>
Net weight	92lb	110lb	130lb
Environmental rating	IP68 NEMA 6	IP68 NEMA 6	IP68 NEMA 6
Operating range	-40°F TO +140°F	-40°F TO +140°F	-40°F TO +140°F
Orientation	Portrait/ Landscape	Portrait/ Landscape	Portrait/ Landscape
Standard color	■	■	■

## A Difference Anyone Can See - Even On a Sunny Day

The secret to a highly readable screen even in direct sunlight is higher contrast.

See for yourself:  
Low Contrast

CONTRAST COUNTS

High Contrast

CONTRAST COUNTS

## Lateral Inhibition

The science of Lateral inhibition sharpens the spatial profile of excitation in response to a localized stimulus.

Low Contrast

High Contrast

Lateral inhibition is the secret to our advanced daylight readable screens, and the reason they can look sharper and more clear to the human eye than screens with a higher lumens rating. Simply put, it means the greater the contrast, the sharper and 'brighter' the image will appear. A screen with only higher brightness tries to overpower ambient light, but does not create better contrast. Ciiil's daylight readable technology creates greater contrast, making it easier for the eye to see the picture in direct sunlight conditions. Better science makes a Ciiil Xtreme Flat Panels a superior daylight readable display.

### Customize Ciiil Xtreme Displays

Match the look of the displays to corporate brands, sports teams or the decorative style of the environment. Options include permanent silk screened designs and temporary skins that allow for changing the look whenever it is needed.

