

NanoCove has just received a boost to its already powerful performance.

We call them Performance Profiles, but it really doesn't need a name because it comes standard with all NanoCove fixtures, both RGB and White.

How it works

Rather than building a different style of fixture per order or option, we have programmed all of the common options into NanoCove, and allow these to be assigned on-site or at the factory prior to shipment. We've also added to the available options, allowing for more combinations and ways to control NanoCove than ever before.

The options

- Low-End Curve Correction – Built-in gamma curve to correct for nonlinear response and provide a smoother low-end fade. Selected as on or off.
- Bit Depth – Selectable 8 or 16 bits of DMX for inbound color selection. The special option of “On with Power” is most useful for NanoCove White in situations that don't require DMX control.
- ChromaBlend – Enable or disable ChromaBlend, our unique feature that automatically blends the colors across the length of the fixtures for an apparent resolution of 2.5”.
- Slewing – Sets the amount of slewing for fades. With four settings: Off, Light, Medium & Heavy.

Choosing a profile

The chart to the right shows the Performance Profile configurations available in NanoCove. Choose the profile that is right for your installation/configuration. For a system that is manually controlled with an inexpensive three-fader DMX box, you may want to have the fading be exceptionally smooth while only using 8-bit color selection. That would be #719. A system using ChromaCove Designer to control each individual fixture would probably be best set to #713.

Setting the profile

With the use of a Remote Addressing Device (RAD box), the combination is selected in the same way one would set the address for the fixture. This is easiest when performed individually on a separate harness. Select PREV or NEXT until the desired fixture is selected. It will flash briefly. Rather than setting a DMX address, the number in the left column of the chart is entered. All fixtures in the same system should be set to the same profile to ensure a consistent fade response.

When to set the profile

This is ideally performed at or prior to installation. We are happy to perform the service at the factory, just specify the preferred Performance Profile number when ordering.

Profile #	Low End Curve Correction	Bit Depth	ChromaBlend	Slewing
700	OFF	8-Bit	OFF	None
701	OFF	8-Bit	OFF	Light
702	OFF	8-Bit	OFF	Medium
703	OFF	8-Bit	OFF	Heavy
704	OFF	8-Bit	ON	None
705	OFF	8-Bit	ON	Light
706	OFF	8-Bit	ON	Medium
707	OFF	8-Bit	ON	Heavy
708	OFF	16-Bit	OFF	None
709	OFF	16-Bit	OFF	Light
710	OFF	16-Bit	OFF	Medium
711	OFF	16-Bit	OFF	Heavy
712	OFF	16-Bit	ON	None
713	OFF	16-Bit	ON	Light
714	OFF	16-Bit	ON	Medium
715	OFF	16-Bit	ON	Heavy
716	ON	8-Bit	OFF	None
717	ON	8-Bit	OFF	Light
718	ON	8-Bit	OFF	Medium
719	ON	8-Bit	OFF	Heavy
720	ON	8-Bit	ON	None
721	ON	8-Bit	ON	Light
722	ON	8-Bit	ON	Medium
723	ON	8-Bit	ON	Heavy
724	ON	16-Bit	OFF	None
725	ON	16-Bit	OFF	Light
726	ON	16-Bit	OFF	Medium
727	ON	16-Bit	OFF	Heavy
728	ON	16-Bit	ON	None
729	ON	16-Bit	ON	Light
730	ON	16-Bit	ON	Medium
731	ON	16-Bit	ON	Heavy
732	ON	On w/PWR	OFF	None
733	ON	On w/PWR	OFF	Light
734	ON	On w/PWR	OFF	Medium
735	ON	On w/PWR	OFF	Heavy

