



XC-700 SERIES XPERIENCE CONTROLLER

XC range

The Nexmosphere XC range offers Xperience Controllers in a compact form factor while offering various onboard functionalities. Choose the right controller series based on the functionality needed, whether this is controlling multiple RGBW LED strips, pixel LED strips or (optical) audio switching. Combine this with Elements connected onto the X-talk channels to build your own unique experience.



XC-700 series

The 700 series are equipped with X-wave interfaces which allow connecting flexible pixel LED strips. X-Wave LED technology allows the user to select one of the numerous pre-programmed animation patterns and modify its parameters to fit the exact application, whether it is a gentle soft glow or a complex running light.

Features

- X-talk interface for easy sensor connection
- X-Wave interface for Pixel LED strips
- Dimmable RGBW LED output

	XC-720	XC-741	XC-748	XC-760
X-Talk interfaces	4	8	4	4
X-Wave interfaces	2	4	4	6
RGBW LED outputs	-	-	2	-

X-talk interface

Connect a wide range of sensors, buttons, LEDs, or any other of the Nexmosphere Elements to create your unique shopper experience. Due to auto-configuration, no additional setup is required for seamless operation.

- Plug and smile interface
- Compatible with any of the Nexmosphere Elements
- Providing power to the connected Elements for easy system wiring

X-Wave LED

X-Wave LED technology provides animated lighting and allows user selection of one of the pre-programmed patterns.

- Preprogrammed patterns with adjustable parameters. These patterns can be modified by changing the parameters to fit the exact application.

- Pattern, speed, color, and brightness control
- Fade from one color to another
- JST connectors for easy "click-in"

USB interface

The industry-standard USB interface allows 3rd party product interfacing. The Xperience controller manifests itself as a USB-to-Serial converter and is compatible with all mainstream operating systems and Digital Signage players.

- Reliable high-speed USB serial communication
- Easy interfacing with 3rd party products
- No special drivers needed*

** occasionally Windows devices need a VCP driver*

X-Script API

The X-Script API runs on the controller by default. All connected Elements and system behavior can be controlled with our standardized API commands.

Benefits

- Auto start-up and configuration for highly reliable applications (24/7 operability)
- Compact form factor for easy installation in or behind displays
- Control multiple Pixel LED strips from one single controller
- Compatible with all Nexmosphere Elements

