



# Nanoleaf DMX Adapter

The Nanoleaf DMX Adapter is designed to enable large scale professional lighting installations and control via the DMX controller. No apps necessary, the Light Panels can be operated via your own DMX console connected to the Nanoleaf Adapter.

## Features

Enables a DMX512 console to control the Nanoleaf Light Panels directly.

Auto-discovery of Light Panels and layout on startup.

Program a base channel (zchannel offset) for all Light Panels.

Program Light Panel channels individually (with respect to the base channel).

Daisy-chain multiple Nanoleaf DMX Adapters together to control up to 128 panels on one DMX universe (512 channels total).

Maximum of 30 panels per Nanoleaf DMX Adapter.

Each panel consumes 4 channels (red / green / blue / white).

Fully configurable channel IDs.

## What's in the Box?



Nanoleaf DMX Adapter



Light Panels Adapter Cable



AC Power Cable

## Specifications

<b>Panel Support:</b>	Maximum of 30 panels per Nanoleaf DMX Adapter. Daisy chained adapters can support up to 128 panels in one DMX universe (512 channels).
<b>Daisy chaining:</b>	Up to 50 Nanoleaf DMX Adapters or other DMX devices per DMX universe.
<b>Supported protocol:</b>	DMX512
<b>DMX channels:</b>	Each panel consumes 4 channels (red, green, blue, white). Channel IDs are fully configurable.
<b>Connectors:</b>	Nanoleaf DMX Adapter lines use a 3-pin XLR3 connector, one male and one female that are internally connected in parallel. Connectors are suitable for daisy-chaining multiple adapters.
<b>Isolation:</b>	DMX control lines have electrical isolation to 2000V
<b>Output signal:</b>	Nanoleaf proprietary control signal to the Light Panels
<b>Display:</b>	OLED dot matrix display; cyan colour; visible in the dark
<b>User input:</b>	Capacitive touch navigation buttons used for configuration of the adapter.
<b>Firmware upgradable:</b>	Via short range Bluetooth wireless communication (requires a Mac OSX device).
<b>Voltage:</b>	100Vac– 240Vac
<b>Current:</b>	50mA (Nanoleaf DMX Adapter), 750mA (Nanoleaf DMX Adapter + 30 Light Panels)
<b>Power:</b>	5W (Nanoleaf DMX Adapter), 65W (Nanoleaf DMX Adapter + 30 Light Panels)
<b>AC frequency:</b>	50/60Hz