APOLLO

**Ultimate lighting control
in the palm of your hand**

APOLLO FAQs V.01
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APOLLO BRIDGE

Q: Can I connect the Apollo Bridge to non-Litepanels brand fixtures?

A: Yes. Any light or dimmer pack that has a DMX512 input and/or Lumenradio CRMX receiver can be connected to and controlled though the Apollo bridge.

**Q: How do I connect my lighting fixtures to the Apollo Bridge?
Do I need additional hardware to do so?**

A: Lights can be connected one of two ways, hardwired with a 5-pin XLR cable or connected wirelessly by linking the Apollo Bridge to a LumenRadio CRMX receiver that is either inserted to the light's 5-pin DMX512 input, or in some cases, built into the light itself. The Litepanels Gemini and Astra require a Litepanels CRMX dongle or Module (sold separately), or a third party CRMX receiver to be able connect wirelessly

Q: How do I connect my tablet, smart phone or console to the Apollo Bridge?

A: The Apollo Bridge transmits its own Local Area Network (LAN) stream using the sACN protocol. Like with any other wireless router, you can connect your control device by joining the 'Apollo Bridge' wireless network as you would with your home or office internet network. You can also connect a laptop, console or other network device via the LAN ethernet port

Q: How many lights can I control with the Apollo Bridge?

A: A singe Apollo Bridge can stream DMX commands wirelessly and/or hardwired to one universe (512 channels) of DMX 512. The number of lights will vary based on the number of control channels in each light's chosen control profile or personality. For example, The Astra requires 2 DMX channels so one Apollo can control up 256 Astras at a time. The Gemini in the 8-bit RGBW personality profile requires 8 DMX channels, so up to 64 could be controlled at one time. You can add one additional universe of DMX512 output for every additional Apollo Bridge you connect to your lighting network. This can be done wirelessly or by using the LAN ethernet ports.

Q: Can I use third party apps or lighting consoles to control my lights through the Apollo Bridge?

A: Yes. Any control software or console that is streaming the sACN DMX protocol can send commands through the Apollo Bridge either wirelessly or via the LAN ethernet port. Most common industry consoles and software such as Blackout, Luminair, ETC, GrandMA and Chamsys all work with the Apollo Bridge as long as they are set to stream sACN. Single DMX512 universe slider boards can also send commands by connecting them through the Apollo Bridge's 5-pin XLR I/O port.

Q: Can I control my lights from a remote location through a Wide Area Network (WAN)?

A: This feature is not yet implement, but a VPN based Wide Area Network workflow will be coming with a firmware update in 2021. This will allow users to control lights from across the globe by connecting their Apollo Bridge devices to the internet.

Q: Is the wireless reliable in congested Radio Frequency environments?

A: Yes. The Apollo Bridge uses unique frequency hopping algorithms to cut through radio interface specifically found on film and video productions for the most reliably wireless network on the market.

Q: What are some ways I can maximize wireless performance?

A: Ensure there is a clear and direct LINE OF SIGHT between the Apollo Bridge and connected wireless devices. Arrange external antennas from connected devices on the same plane. Separate the Apollo from radio device antennas of other networks as much as possible. Avoid scenarios where glass, metal caging, liquid or large groups of people are in between connected wireless devices. Also, in your control device's network settings turn auto join off for any other commonly used area Wi-Fi networks, turn cellular data off if using an iOS device and make sure control device is within range of Apollo Bridge.

LIGHTICIANS APOLLO CONTROL

Q: Can I control other brands of lighting fixtures on the Lighticians Apollo Control app?

A: Yes. The Lighticians Apollo Control App has DMX personality profiles for all the major cine LED lighting brands. There are also generic profiles for basic mixed CCT & RGB personalities as well as for single channel dimmers. You can make custom profiles for specific lights that may not be in the library and share them with your colleagues!

Q: Can I connect the Lighticians Apollo Control App directly to my lights or do I have to use the Apollo Bridge?

A: Since mobile devices and laptops are aren't inherently compatible with the universal DMX512 protocol, an sACN to DMX512 bridge is required to convert the sACN stream coming from the Lighticians Apollo Control App to the DMX512 protocol that most professional lights are able to receive. This is essential to making a control system that is universally compatible. An Apollo Bridge or other sACN to DMX512 bridge is required to connect the Lighticians Apollo control to any lighting fixture.

Q: Is the Lighticians Apollo Control app available for Android as well iOS?

A: Not at this time. The Lighticians Apollo Control app is currently only available for iOS devices, but we plan on supporting Android sometime in the future.

Q: Can I program chase sequences, timed cues or flicker effects on the Lighticians Apollo Control App?

A: Not Yet. But keep an eye out for a major software update that will include all of these exciting new features!