

SIMPLYSNAP PRODUCT PILOT

SimplySnap DMX Wireless Controller

Pilot Solution Brief

Overview

The SimplySnap DMX Wireless Controller is an early-stage (alpha) lighting controller that connects SimplySnap wireless control to DMX-compatible architectural luminaires. It is offered as a limited pilot/proof-of-concept solution for partners interested in validating DMX integration prior to commercial release.

What It Is

- SimplySnap-compatible wireless controller with DMX512 output
- Converts SimplySnap zone-level commands into local DMX control
- Prototype hardware for pilot deployments
- Transmit-only DMX (RDM not supported in pilot)

Intended Applications

Designed for:

- Architectural RGB and color-changing luminaires
- Static or scene-based color control

NOT RECOMMENDED FOR

- Sports lighting
- Entertainment, theatrical, or show-control environments
- Console-driven or continuously programmed DMX systems

How It Works

- The SimplySnap Site Controller (gateway) sends zone-level updates wirelessly over the SNAP mesh
- The DMX controller receives those updates and locally generates DMX512 output
- DMX frames are continuously transmitted using the most recent received levels

The SimplySnap Site Controller does not function as a traditional DMX console and does not continuously stream channel data.

DMX Assumptions (Pilot Phase)

- Fixtures must support DMX512 (512channels, ~44 Hz refresh)
- For the initial pilot, fixtures are typically configured with:
 - Channel 1: Red
 - Channel 2: Green
 - Channel 3: Blue
- Alternate channel mappings may be supported and can be reviewed as part of the pilot planning process
- Channel values (0–255) map to 0–100% output
- Multiple fixtures on one controller share the same output levels
 - Independent control requires separate controllers
- Proper DMX termination is required

Physical Interfaces

- Power: Hard-wired 120VAC
- DMX Output: 2-wire DMX+/- pigtail
- Connector and cabling options may evolve based on pilot feedback

SimplySnap Requirements

- SimplySnap SiteController (SS450/CBS)
- Pilot-enabled SimplySnap software supporting DMX controllers

PILOT PROGRAM NOTES

This is a prototype pilot solution. Participation assumes:

- Limited fixture validation
- Unidirectional DMX functionality only
- Potential firmware/software updates during the pilot
- Customer and partner feedback will influence final product design

Summary

The SimplySnap DMX Wireless Controller pilot enables integration of DMX-based architectural fixtures into a SimplySnap wireless system using familiar zone-level control. It is best suited for early adopters seeking collaborative evaluation and pilot deployment.

For pilot participation, contact your SimplySnap representative.