LEVITON®

D4200 Room Combine

The Leviton D4200 architectural lighting controller puts total lighting control at your finger tips. The simple Combine Station allows a quick and out of the box solution for combining rooms.

Description
• Provide affordable Room Combine capabilities with an out of the box solution
• Minimal Programming required to work
• 5 common room configurations
• Customizable if necessary

D4200 Combine Stations Work With
• D4200 LCD Stations (up to 4 Masters)
• a-2000 Dimming Panels
• i Series e Dimming Racks
• Any DMX Dimming Rack in conjunction with a NPC XP or DLR
• D4200 Entry Stations
• Luma-Net Hub

SPECIFICATIONS
Operating Voltage
• Low-voltage type Class 2 (PELV), 10VDC to 15VDC.
• Lightning Strike Protection:
  Meets ANSI/IEEE standard 62.41-1980. Can withstand voltage surges of up to 6000V and current surges up to 3000A.
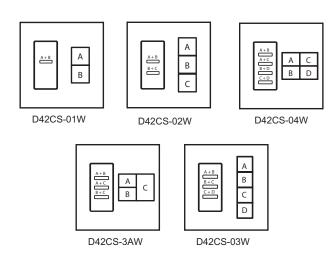
Appearance
• Faceplate snaps-on and shows no visible means of attachment.
• Available colors: White base with white door White base with black translucent door. LED's are visible through the translucent door.
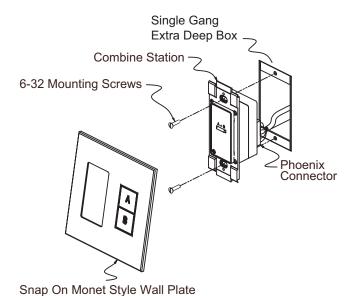
Environment
• LV221 features rocker on/off with bright/dim capabilities
• LV230 features on/off button with raise/lower slider
• Designer Decora styling enhances any décor
• Can be used with stand-alone or networked miniZ system
• Easy to find lighted button

Additional Features
• You can add up to 127 devices (LCD Stations, Entry Stations, Hubs, Combine/Closure Interface) on a data run.

D42CS-01W

D42CS-02W

D42CS-04W

D42CS-3AW

D42CS-03W

Single Gang Extra Deep Box

Combine Station

6-32 Mounting Screws

Phoenix Connector

Snap On Monet Style Wall Plate

D4200 Room Combine

Leviton Mfg. Co., Inc. Lighting & Energy Solutions

D4200 Room Combine

Luma-Net® III

Pull low-voltage Class 2 (PELV) wiring for system communications.
• Must be daisy chained, station to station
• Must be less than 2000 feet (600m)
• Must be run separately from line (mains) voltage
• The cable should not pass near any source of electrical noise such as fluorescent circuits or motor wiring. Avoid close proximity to any AC wiring. All control/power wiring must be in conduit.
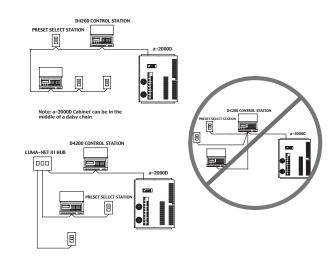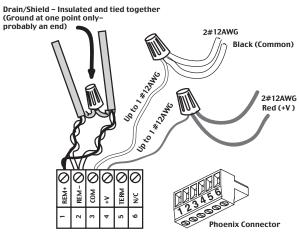
Luma-Net® Wire Recommendation

• See Table for recommended Wire Types
• Use RS485 compatible cable for the communications. It is recommended that a cable with 2 Twisted Pair, 24 AWG, stranded conductors be used. The spare pair is for future uses.
• Capacitance of wire shall be 12pF/ft. or less
• Nominal Impedance of wire shall be between 100-120 ohms
• A second pair (#14 AWG stranded or larger) is required for the power.
• Drain/Shields to be tied together, insulated and grounded (on one point only)!
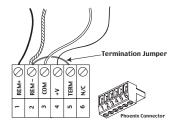• We strongly recommend the use of either Belden 9829 or Belden 9729 for the Luma-Net wire runs.

Luma-Net® Recommended Wire

Manufacturer	Catalog Number	# of Pairs
Belden	9729, 9829	2
Belden	9841	1
Belden	88102	2 (Plenum Rated)
Alpha	6222C	1
Alpha	6412	1

At the last control station or dimmer cabinet on both ends of the run, a small jumper wire must be run from the terminal labeled "Rem-" to the terminal marked "Term" on that last station. This jumper wire properly terminates the digital communications lines at the end of the line.

Note: a-2000D Cabinet can be in the middle of a daisy chain

Luma-Net® Wiring with Termination Jumper