Sentient Suite™
System Control Panels

LED Lighting Control Panel

Product Description

A wall mounted audio, video and electrical control system with internal circuitry and components for the audio and visual interior design system. The touchpad Sentient App wirelessly communicates with the System Control Panels.

Specifications

Electrical

- Voltage: 110 - 240 VAC
- FLA: 13A
- MCA: 30 Amps
- Phase: Single
- Frequency: 50/60 Hz
- Disconnect: Lockout/Tagout
- Emergency Power Delay: ~1sec.
- 2048 BTU/H

A/V Panel Dimensions

- 25"h x 22.25"w x 12.5"d
  (635mm x 562.5mm x 320mm)
- Weight: 66 lbs. (30Kg)

LED Lighting Panel Dimensions

- 24"h x 24"w x 10"d
  (610mm x 610mm x 254mm)
- Weight: 75 lbs. (34Kg)

Housing

- NEMA 1 Enclosure
- Welded Construction

Outputs

- (4) CAT6
- (3)12VDC RGB LED Lighting Voltage
- (2) 20VDC Lighting Voltages
- (1) 20VDC Lighting Control Voltage
- (2) Fiber Optic / ST Connector
- (2) Audio (L/R)
- (2) HDMI Fiber Optic

Communication

- POE Wireless Access Point

Installation

- Wall Mount

One Year Limited Warranty

- Complete Component
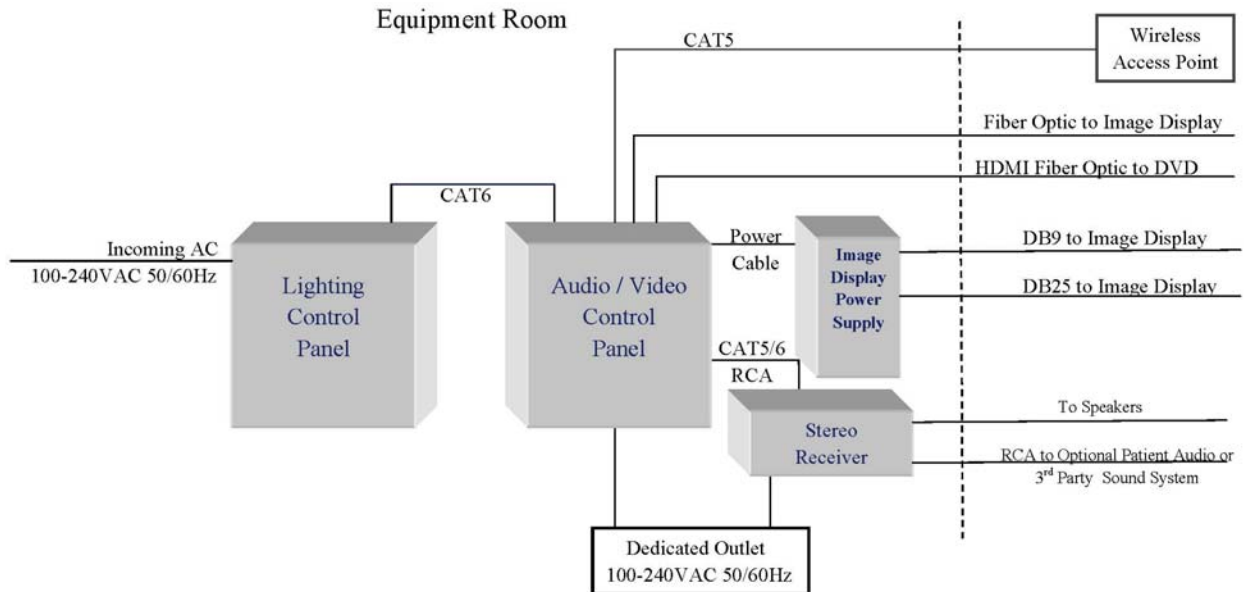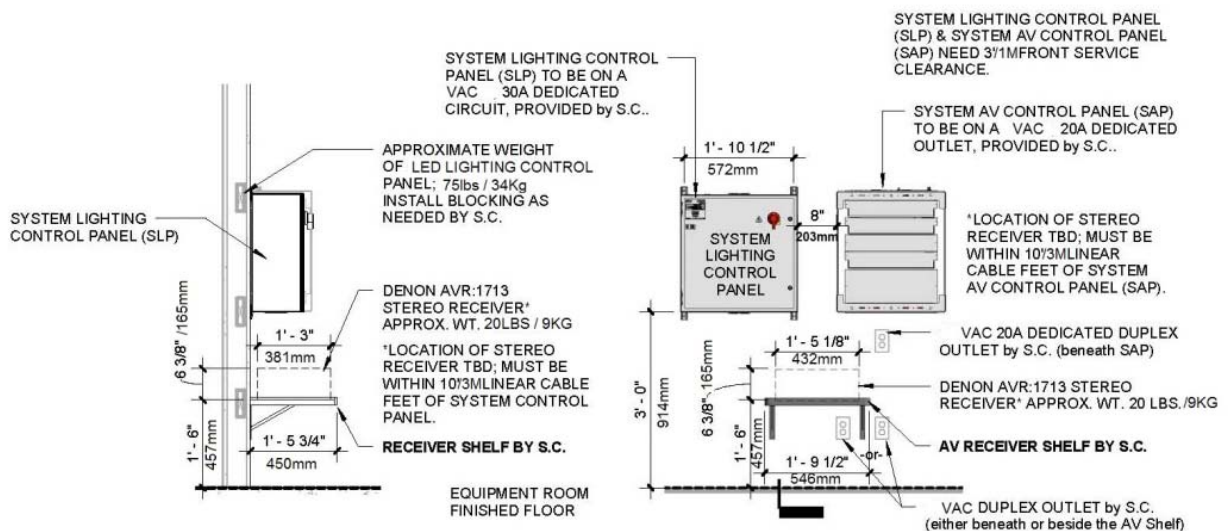
Approval Listings

- cUL / ETL / CE

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Circuit Diagram
(Refer to Project Specific Wiring Schematic)

Equipment Room

CAT5 — Wireless Access Point

Fiber Optic to Image Display

HDMI Fiber Optic to DVD

CAT6

Incoming AC 100-240VAC 50/60Hz — Lighting Control Panel

Audio / Video Control Panel

Power Cable — Image Display Power Supply

DB9 to Image Display

DB25 to Image Display

CAT5/6

RCA

Stereo Receiver — To Speakers

RCA to Optional Patient Audio or 3rd Party Sound System

Dedicated Outlet 100-240VAC 50/60Hz

Typical Installation

SYSTEM LIGHTING CONTROL PANEL (SLP) & SYSTEM AV CONTROL PANEL (SAP) NEED 3'/1MFRONT SERVICE CLEARANCE.

SYSTEM LIGHTING CONTROL PANEL (SLP) TO BE ON A VAC 30A DEDICATED CIRCUIT, PROVIDED by S.C..

SYSTEM AV CONTROL PANEL (SAP) TO BE ON A VAC 20A DEDICATED OUTLET, PROVIDED by S.C..

SYSTEM LIGHTING CONTROL PANEL (SLP)

APPROXIMATE WEIGHT OF LED LIGHTING CONTROL PANEL; 75lbs / 34Kg INSTALL BLOCKING AS NEEDED BY S.C.

*LOCATION OF STEREO RECEIVER TBD; MUST BE WITHIN 10'/3MLINEAR CABLE FEET OF SYSTEM AV CONTROL PANEL (SAP).

1' - 10 1/2"
572mm

8"
203mm

DENON AVR:1713 STEREO RECEIVER* APPROX. WT. 20LBS / 9KG

*LOCATION OF STEREO RECEIVER TBD; MUST BE WITHIN 10'/3MLINEAR CABLE FEET OF SYSTEM CONTROL PANEL.

6 3/8" /165mm

1' - 3"
381mm

1' - 6"
457mm

1' - 5 3/4"
450mm

SYSTEM LIGHTING CONTROL PANEL

3' - 0"
914mm

6 3/8" /165mm

1' - 6"
457mm

1' - 5 1/8"
432mm

1' - 9 1/2"
546mm

-or-

RECEIVER SHELF BY S.C.

EQUIPMENT ROOM FINISHED FLOOR

VAC 20A DEDICATED DUPLEX OUTLET by S.C. (beneath SAP)

DENON AVR:1713 STEREO RECEIVER* APPROX. WT. 20 LBS./9KG

AV RECEIVER SHELF BY S.C.

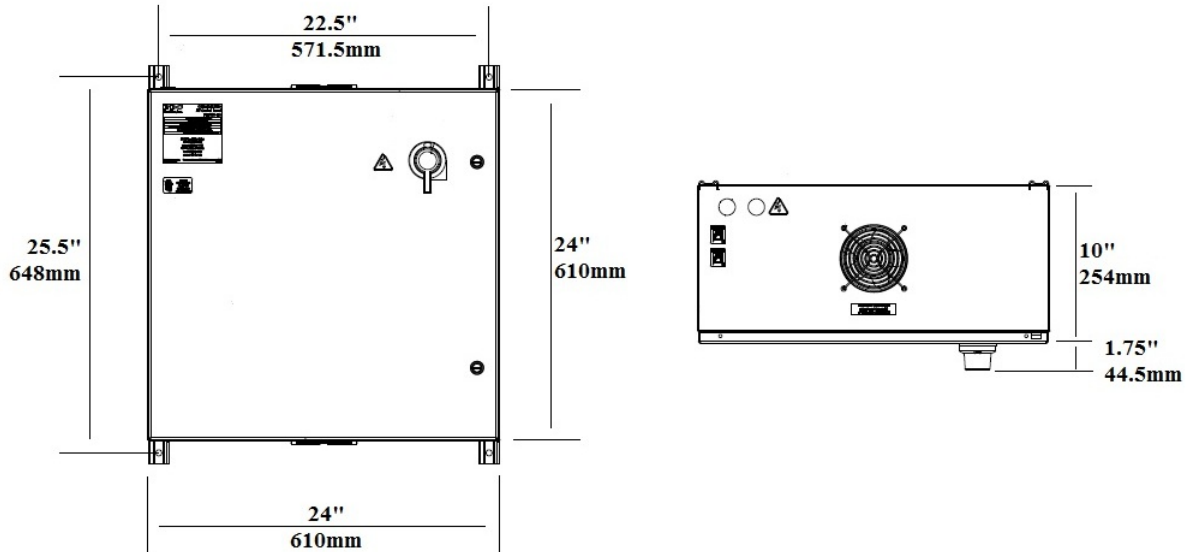VAC DUPLEX OUTLET by S.C. (either beneath or beside the AV Shelf)

LED Lighting Panel Physical Properties

Note: The LED Lighting Control Panel requires 100-240VAC 50/60Hz 30A input circuit.

Dimensions: 24"h x 24"w x 10"d (610mm x 610mm x 254mm)

Weight: 75 lbs. (34Kg)

Audio/Video Control Panel Physical Properties

Note: The A/V Control Panel requires a grounded, 100-240VAC 50/60Hz 30A outlet.

Dimensions: 25"h x 22.25"w x 12.5"d (635mm x 562.5mm x 320mm)

Weight: 66 lbs. (30Kg)