



GENERAL INFORMATION

The Echo Keyswitch station enables security for stations within a Echo Space. While the lockout station is in the active state all stations are disabled to prevent unwanted control activation.

APPLICATIONS

- Houses of worship
- Education
- Hospitality
- Healthcare facilities
- Office buildings
- Conference rooms
- Meeting rooms
- Retail

FEATURES

- Designed for use with any EchoConnect-enabled stations
- Compatible with all Echo Control Devices
- Plug and Play: ready to go out of the box; no software required
- EchoConnect: Two-wire, topology-free station bus provides the freedom to put stations where you need them
- Advanced configuration options available

ORDERING INFORMATION

Unison Echo Lockout Station

| MODEL | DESCRIPTION |
|-------|------------------------|
| EPSKS | Echo Keyswitch Station |

Enter station color code in __ space provided:

- 1 = Cream (RAL 9001)
- 4 = Black (RAL 9004)
- 5 = Signal White (RAL 9003)

Stations flush-mount (F) in industry-standard gang boxes. (By others)

Surface-mount boxes (S) available upon request. (Contact ETC)

Echo Power Requirements

| | |
|------------------|---------------------------|
| EchoConnect: | One unit of control power |
| Auxiliary Power: | Not Required |



SPECIFICATIONS**FUNCTIONAL**

- Rotary switch assigns space to be locked out
- Activating lockout causes the system to ignore all button actuations within the assigned space

MECHANICAL

- Gangable for custom applications
- Enclosed electronics assembly and faceplate included
- No visible means of attachment
- Flush-mounts in industry-standard backbox, RACO 690 or equivalent
- Surface-mount backboxes available from manufacturer
- Constructed of injection-molded ABS plastic in three standard colors, matched to RAL standard colors
- Indelibly marked legends in a contrasting color
- Integral red LED indicator shows lockout state
- Two-selector dials for configuration of station group and address
- DIP switches for advanced station configuration

ELECTRICAL

- Connect via EchoConnect with topology-free wiring over Belden 8471 or equivalent and one #14 ESD drain wire
- Wiring may be bus, loop, homerun or any combination of these
- Up to 500 meters (1640 feet) of control wiring per system
- All station terminations use removable connectors

THERMAL

- Ambient room temperature: -10 to 45°C / 14 to 113°F
 - Ambient humidity: 5 to 95% non-condensing
-

FUNCTIONALITY**BASIC MODE FUNCTIONALITY**

- Station Lockout of assigned Space

CUSTOM MODE FUNCTIONALITY

(Requires Programing With EchoAccess Mobile App and additional connection hardware)

- Key Turn
 - No Function
 - Preset Toggle, Preset Activate
 - Zone Toggle, Zone Set to Level, Zone Set to Color, Zone Set to Color Temp
 - Space Off, Space Toggle, Space Set to Level, Space Set to Color, Space Set to Color Temp
 - Space Combine Toggle, Space Combine, Space Uncombine,
 - Space Lockout Toggle, Space Lockout Enable, Space Lockout Disable
 - Sequence Toggle, Sequence Activate

ECHO FAMILY OF PRODUCTS

EchoConnect Power Supplies

| MODEL | DESCRIPTION |
|------------|--|
| E-SPS | 6U Room Station Power Supply, Knockout Mount |
| E-SPS-DIN | 16U DIN rail Station Power Supply with 24V Aux |
| E-SPM | 16U DRd Station Power Module |
| E-SPM-A | 16U DRd Station Power Module with 24V Aux |
| E-SPM-RM | 16U Rack-Mount Station Power Module Aux |
| E-SPM-RM-A | 16U Rack-Mount Station Power Module 24V Aux |
| E-SPM-WM | 16U Wall-Mount Station Power Module |
| E-SPM-WM-A | 16U Wall-Mount Station Power Module 24V Aux |
| E-APS | 24V Aux Power Supply, Knockout Mount |

EchoTouch

| MODEL | DESCRIPTION |
|-------|----------------------|
| ETS | EchoTouch Controller |

Echo Stations

| MODEL | DESCRIPTION |
|-------|--|
| E1001 | Inspire One Button Station |
| E1002 | Inspire Two Button Station |
| E1004 | Inspire Four Button Station |
| E1006 | Inspire Six Button Station |
| E1008 | Inspire Eight Button Station |
| E1104 | Inspire Four Button with Fader Station |
| EPS05 | Echo Preset Station - 5 Button |
| EPS10 | Echo Preset Station - 10 Button |
| EPSKS | Echo Keyswitch Station |
| E-ATC | Echo TimeClock |

Echo Responsive Controls

| MODEL | DESCRIPTION |
|-----------|--|
| ELS | Light Sensor |
| EOCC | Ceiling-Mount PIR Occupancy Sensor |
| EVAC | Ceiling-Mount PIR Vacancy Sensor |
| E-DOC-C | Ceiling-Mount Dual Tech Occupancy Sensor |
| E-DVAC-C | Ceiling-Mount Dual Tech Vacancy Sensor |
| E-DOC-W | Wall-Mount Dual Tech Occupancy Sensor |
| E-DVAC-W | Wall-Mount Dual Tech Vacancy Sensor |
| E-DOC-SM1 | Switch-Mount Dual Tech Sensor - One Button |
| E-DOC-SM2 | Switch-Mount Dual Tech Sensor - Two Button |

Echo Interfaces

| MODEL | DESCRIPTION |
|-------|--------------------------------|
| EACC | EchoAccess Interface |
| EEB | Echo Expansion Bridge |
| EDMXC | Echo DMX Scene Controller |
| EEL | Echo-Echoflex Interface |
| ECII | Echo Contact Input Interface |
| ECOI | Echo Contact Output Interface |
| EDRI | Echo Demand Response Interface |
| EBI | Echo BACnet Interface |

Zone Controllers

| MODEL | DESCRIPTION |
|-------------|--------------------------------------|
| ERC-G2 | One Zone Relay Controller |
| EDRC-G2 | Two Zone Relay Controller |
| ELD-G2 | One Zone 0-10V Controller |
| EDLD-G2 | Two Zone 0-10V Controller |
| ESSC-G2 | One Zone SmartSpace Controller |
| EDSSC-G2 | Two Zone SmartSpace Controller |
| ELVD-G2 | 600-Watt Phase Adaptive Dimmer |
| ELVD-277-G2 | 600-Watt Phase Adaptive Dimmer- 277V |

Room Controllers

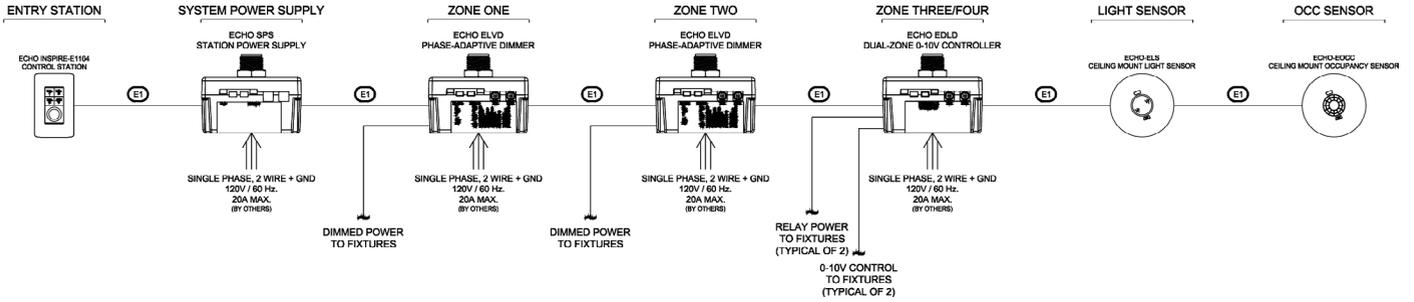
| MODEL | DESCRIPTION |
|-----------|---|
| ERM4-G2 | Four Zone Room Controller |
| ERMCT4-G2 | Four Zone Room Controller with TimeClock |
| ERM8-G2 | Eight Zone Room Controller |
| ERMCT8-G2 | Eight Zone Room Controller with TimeClock |

Panel Products

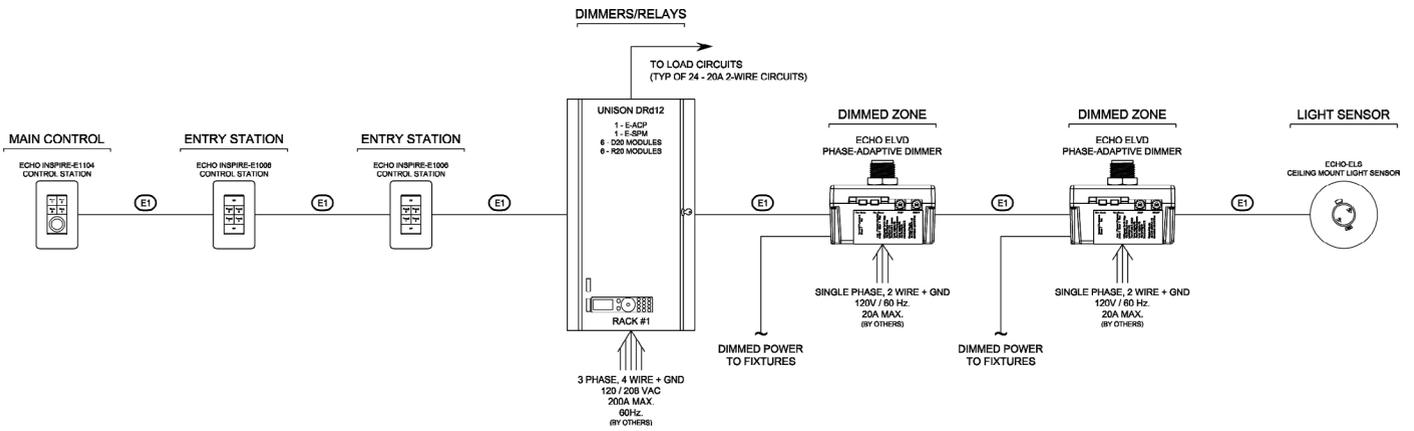
| MODEL | DESCRIPTION |
|----------|--------------------------------------|
| ERP | Echo Relay Panel Mains Feed |
| ERP-FT | Echo Relay Panel Feed Through |
| SensorIQ | Sensor IQ Intelligent Breaker System |
| SR3 | Sensor3 Power Control System |
| DRd | Unison DRd with Echo Control |

SAMPLE ECHO SYSTEMS

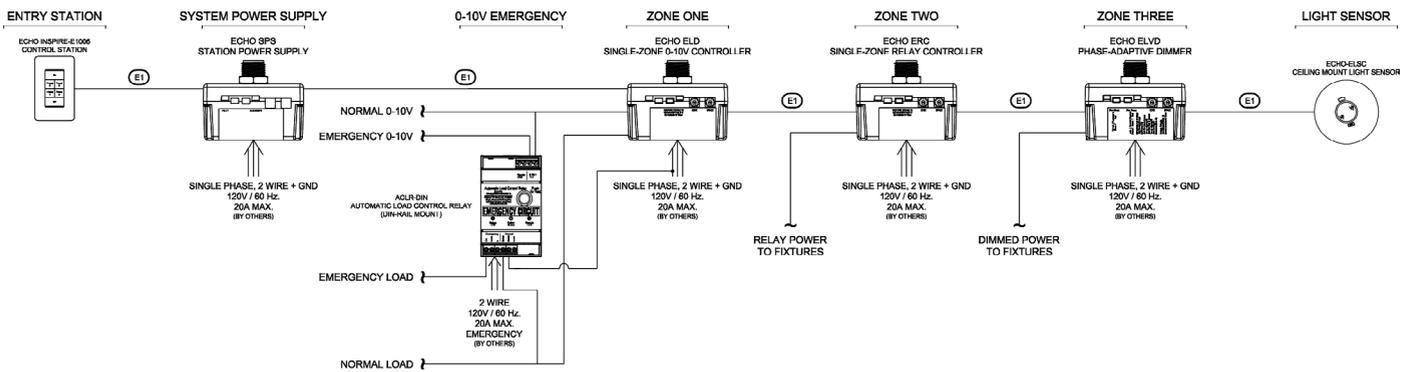
SMALL SYSTEM



MEDIUM SYSTEM

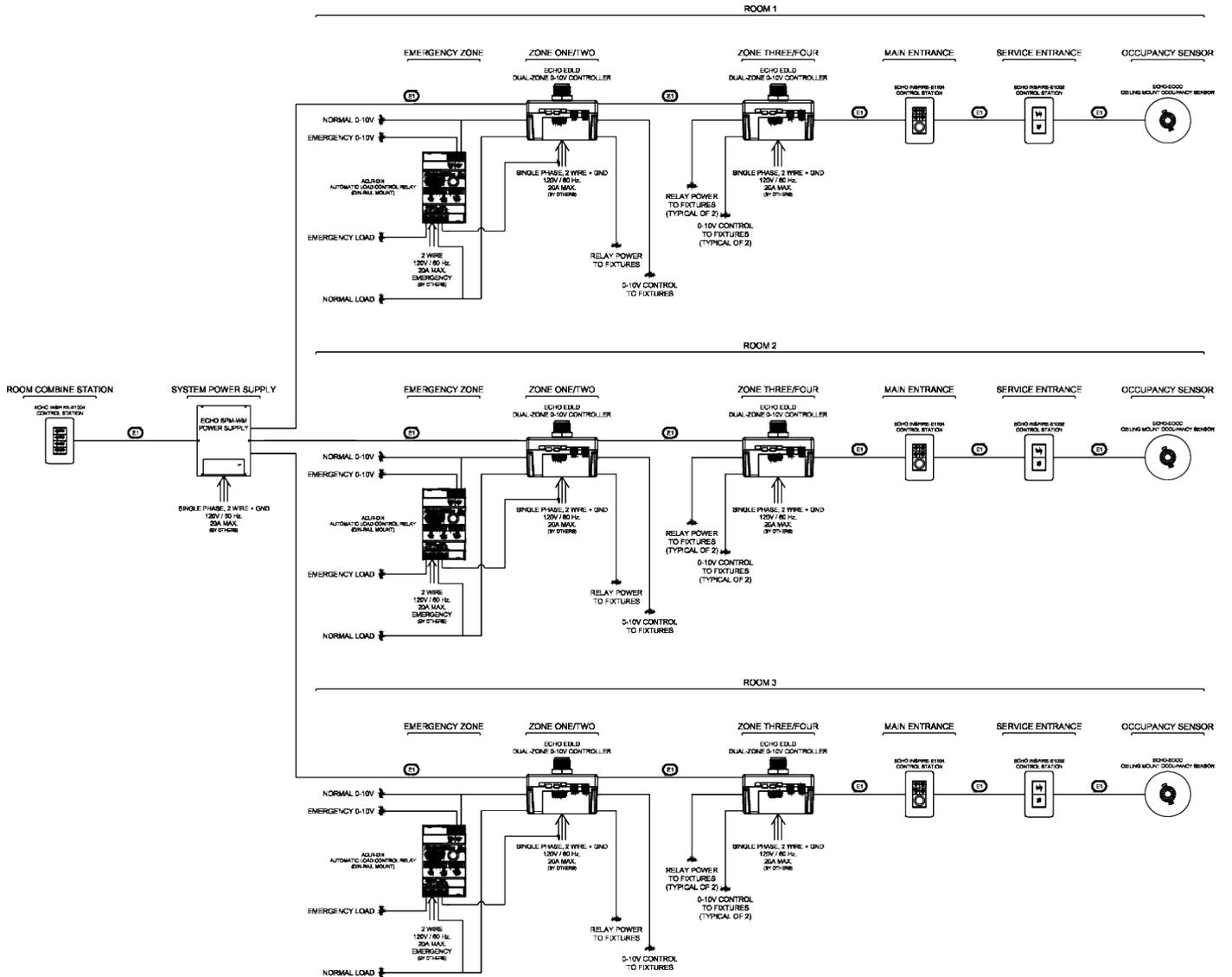


CONFERENCE ROOM



SAMPLE ECHO SYSTEMS

MEDIUM BALLROOM



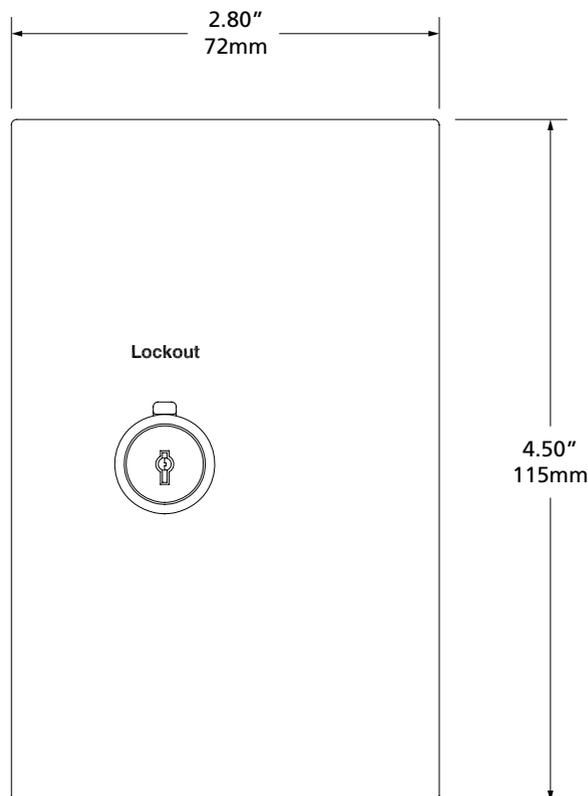
PHYSICAL

Product Dimensions

| MODEL | HEIGHT | | WIDTH | | DEPTH | |
|-------------------------------------|--------|-----|-------|----|-------|-------|
| | in | mm | in | mm | in | mm |
| EPSKS (faceplate on electronics) | 4.5 | 115 | 2.8 | 72 | 1.5 | 50.8 |
| (electronics) | 2.75 | 70 | 1.67 | 42 | 1.25 | 31.75 |

Product Weight

| MODEL | WEIGHT | |
|-------|--------|-----|
| | oz | g |
| EPSKS | 8 | 227 |



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