

Echo Control Series

Type(s) Project Date Notes

GENERAL INFORMATION

Unison Echo Preset Stations allow recall of presets in Echo control systems using EchoConnect station bus. Each station provides five or 10 buttons and is designed to complement the aesthetics of any interior environment. Preset stations are simple to install using EchoConnect topology-free bus. Echo Preset Stations are available in standard colors with standard legends.

APPLICATIONS

- Houses of worship
- Hotels
- Convention centers
- Meeting rooms
- Schools
- Restaurants

FEATURES

- Activation of any preset in a Unison Echo control system
- Support for up to sixteen stations and sixteen output products in a single system with appropriate power supply.
- EchoConnect: Two-wire topology-free system gives you the freedom to put stations where you need them
- Fastener-Free Faceplate System: no visible means of attachment
- Legend System: complementary-colored standard legends using an indelible, laser-marking method

REGULATORY AND COMPLIANCE

- cULus Listed
- CE Certified

ORDERING INFORMATION

Echo Preset Stations

MODEL	DESCRIPTION
EPS05-_F	Five-Button Preset Station
EPS10-_F	10-Button Preset Station

Enter station color code in __ space provided:

- 1 = Cream (RAL 9001)
- 2 = Ivory (RAL 1015)
- 3 = Gray (RAL 7001)
- 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

- Stations recall five or 10 presets in connected power controllers
- Buttons on each station can be assigned to any Echo action, including preset, zone toggle, and space off.

MECHANICAL

- Standard configurations with five and 10 push buttons
- Enclosed electronics assembly and faceplate included
- Cantilevered switch arrays with removable caps
- No visible means of attachment
- Flush-mount in industry-standard backbox, RACO 690 or equivalent
- Surface-mount backboxes available from manufacturer
- Constructed of injection-molded ABS plastic in five standard colors, matched to RAL standard colors
- Indelibly marked legends in a contrasting color
- Integral LED response-indicator for each button configurable per station in 16 standard colors
- Two-selector dial for configuration of station group and address
- DIP switches for advanced station configuration

ELECTRICAL

- Connect via EchoConnect topology-free wiring over Belden 8471 or equivalent and one #14 ESD drain wire
- Wiring may be bus, loop, home run or any combination of these
- Up to 500 m (1,640 ft) of control wiring per system
 - Up to 1,000 ft using CAT5
- All station terminations use plugable connectors

THERMAL

- Ambient room temperature: 0°C to 40°C (32°F to 104°F)
- Ambient humidity: 30%–95% non-condensing

FUNCTIONALITY

BASIC MODE FUNCTIONALITY

- Button 1-10 Push: Toggle Preset 1-10 (Default) or Off
- Button 1-10 Hold: Space Raise
- Button 1-10 Double Tap: Quick Toggle Preset 1-10 (Default)

CUSTOM MODE FUNCTIONALITY

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

- Button Push
 - Preset Toggle*, Preset Activate*
 - Zone Toggle, Zone Lower, Zone Raise, Zone Set to Level, Zone Set to Color, Zone Set to Color Temp
 - Space Off*, Space Toggle, Space Lower, Space Raise, Space Set to Level
 - Space Combine Toggle, Space Combine, Space Uncombine,
 - Space Set to Color, Space Set to Color Temp
 - Sequence Toggle
 - Timeclock Hold Toggle, Timeclock Hold Enable, Timeclock Hold Disable
- Button Hold
 - Zone Lower
 - Zone Raise
 - Space Lower
 - Space Raise
- Button Double Tap
 - 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
 - Timeclock Hold Toggle, Timeclock Hold Enable, Timeclock Hold Disable

*Multi Space capable - allowing for presets to be recalled in multiple spaces from a single

ECHO FAMILY OF PRODUCTS

EchoConnect Power Supplies

MODEL	DESCRIPTION
E-SPS	6 U Room Station Power Supply, Knockout Mount
E-SPS-DIN Mk2	16 U DIN rail Station Power Supply with 24 V Aux
E-SPM-A	16 U DRd Station Power Module with 24 V Aux
E-APS2	24 V Aux Power Supply, Knockout Mount

EchoTouch

MODEL	DESCRIPTION
ETS	EchoTouch Controller Mk2

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
EII	Echo Integration Interface

Zone Controllers

MODEL	DESCRIPTION
ERC-G2	One Zone Relay Controller
EDRC-G2	Two Zone Relay Controller
ELD-G2	One Zone 0-10 V Controller
EDLD-G2	Two Zone 0-10 V Controller
ESSC-G2	One Zone SmartSpace Controller
EDSSC-G2	Two Zone SmartSpace Controller
ELVD-G2	600-Watt Phase Adaptive Dimmer (120 V)
ELVD-277-G2	600-Watt Phase Adaptive Dimmer (277 V)
ELVD-G2-MLV	600-Watt Forward Phase Dimmer (120 V)
ELVD-277-G2-MLV	600-Watt Forward Phase Dimmer (277 V)

Room Controllers

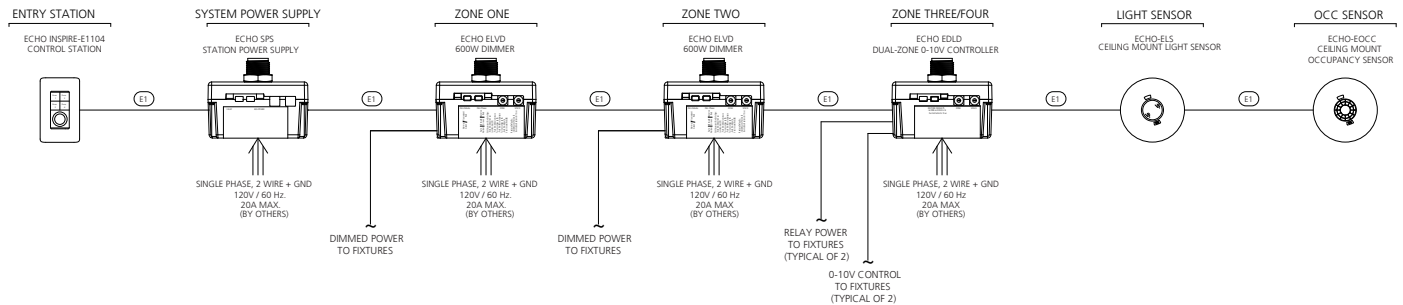
MODEL	DESCRIPTION
ERMCT4-G2	Four Zone Room Controller
ERMCT4-G2	Four Zone Room Controller with TimeClock
ERMCT8-G2	Eight Zone Room Controller
ERMCT8-G2	Eight Zone Room Controller with TimeClock

Panel Products

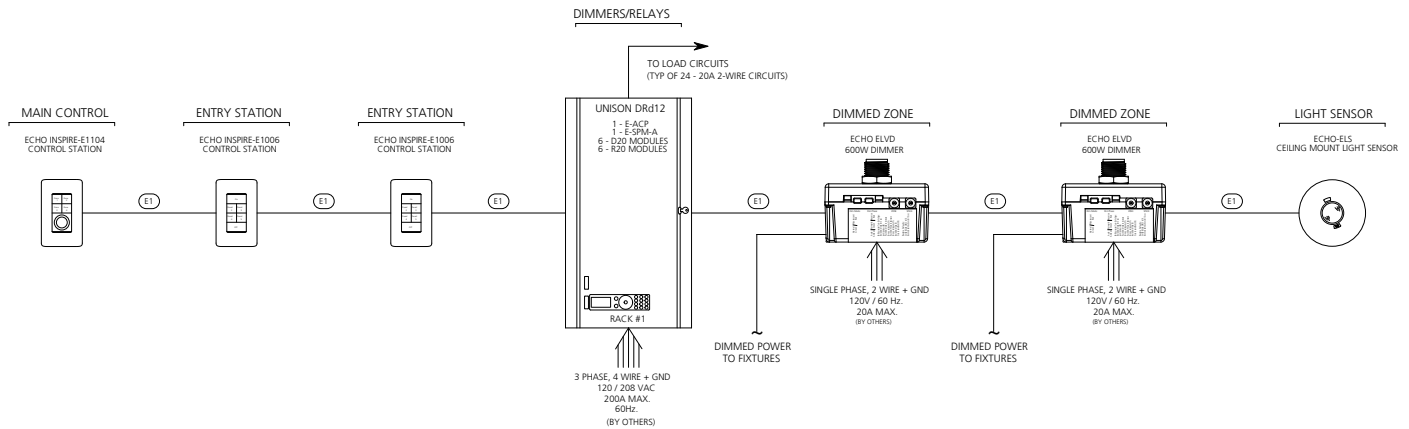
MODEL	DESCRIPTION
ERP	Echo Relay Panel Mains Feed
ERPA	Echo Relay Panel Mains Feed 277 V
ERP-FT	Echo Relay Panel Feedthrough
IQ	Sensor IQ Intelligent Breaker System
DRd	Unison DRd with Echo Control

SAMPLE ECHO SYSTEMS

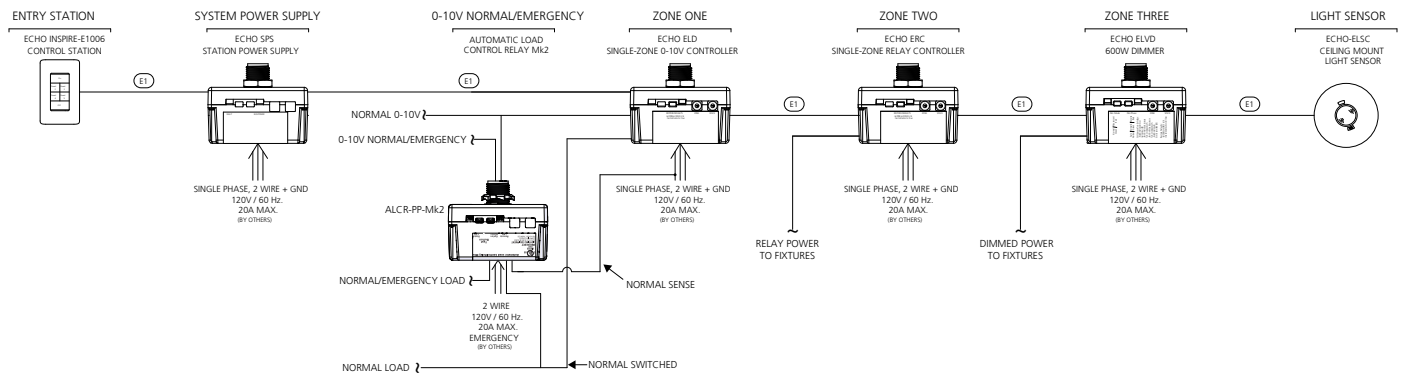
SMALL SYSTEM



MEDIUM SYSTEM

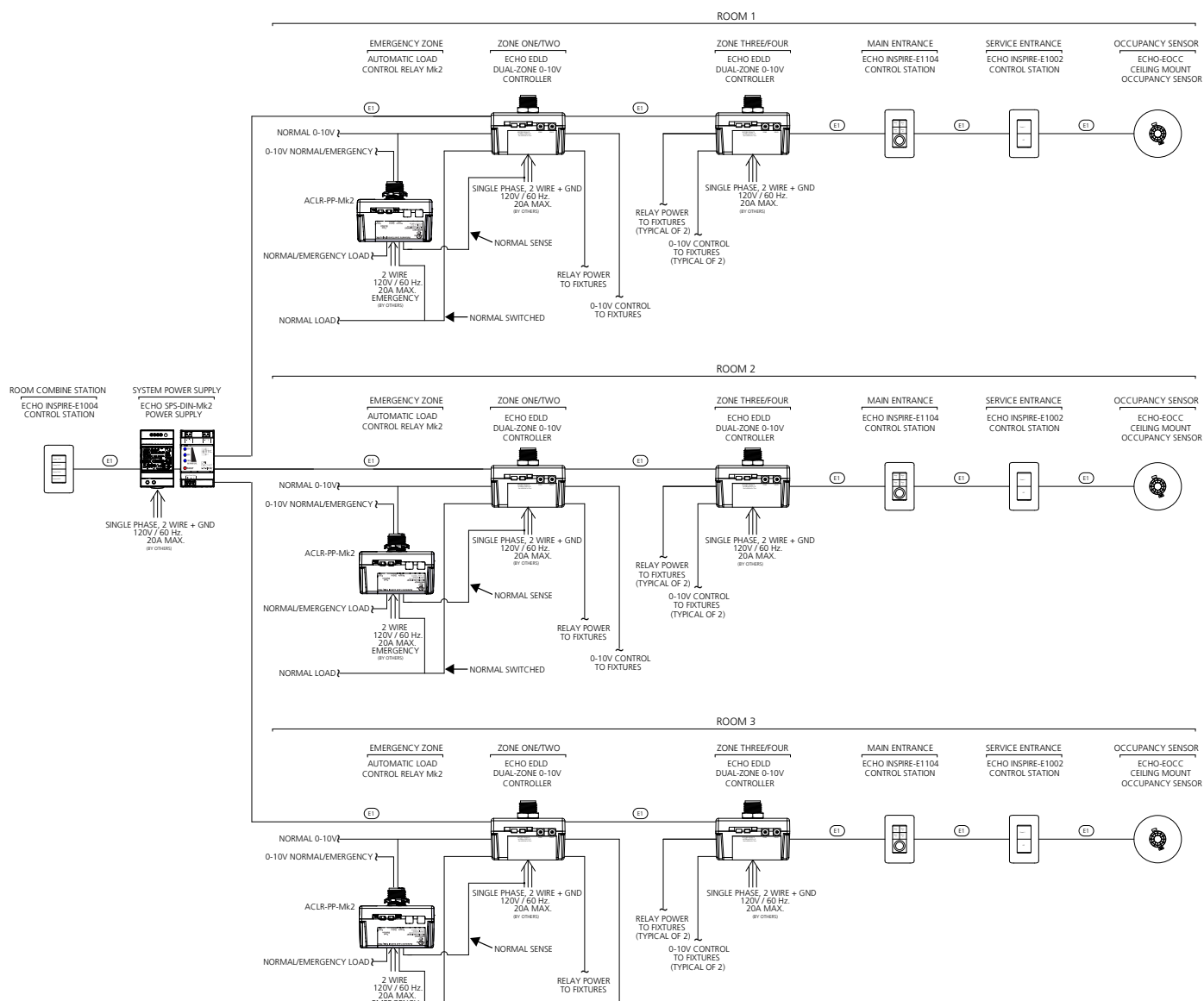


CONFERENCE ROOM



SAMPLE ECHO SYSTEMS

MEDIUM BALLROOM



PHYSICAL

Flush Backbox Dimensions

GANG	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
One-gang	3.75	96	2.0	51	2.5	64

One-Gang flush-mount backbox RACO 690 (or equal)

Surface Backbox Dimensions

GANG	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
One-gang	4.5	115	2.8	72	2.5	64

Surface-mount backboxes provided by ETC

Faceplate Dimensions

GANG	HEIGHT		WIDTH	
	in	mm	in	mm
One-gang	4.5	115	2.8	71

