

Type(s)

Project

Date

Notes

GENERAL INFORMATION

Electronic Control Plug-in Boxes (ECPBs) provide connection points for control equipment to operate lighting and other equipment from multiple locations throughout a venue. Available standard connector types support industry-standard DMX512 and Ethernet, portable houselight control, remote control devices, and 120 V outlets.

APPLICATIONS

- An integral part of any complete lighting system installation:
 - Theatres and auditoriums
 - Television studios
 - Houses of worship
 - Museums
 - Casinos
 - Hospitality

FEATURES

- Surface or flush mount
- Most models fit in standard RACO back boxes
- Data connector options include:
 - DMX512 Input
 - DMX512 Output
 - Remote Focus Unit (RFU)
 - Ethernet Network
 - Portable Unison Heritage station
 - Serial or computer interface
- Duplex Edison AC power outlet
- Custom configurations available (RFU, Serial)
- DMX inputs and outputs support termination of Belden 9729 (or equivalent) or Category5 cable

REGULATORY AND COMPLIANCE

- ETL Listed

ORDERING INFORMATION

Single Gang Plug-in Stations

Model	Description	Legend
ECPB DMXIN	DMX In Station	DMX INPUT
ECPB NET	Ethernet Station	NETWORK
ECPB DMXOUT	DMX Out Station	DMX OUTPUT
ECPB DMX1-OUT	DMX Out Station	DMX1 OUTPUT
ECPB DMX2-OUT	DMX Out Station	DMX2 OUTPUT
ECPB DMX3-OUT	DMX Out Station	DMX3 OUTPUT

ORDERING INFORMATION

Two Gang Plug-in Stations

Model	Description	Legend
ECPB DMX OUT/NET	DMX Out and Ethernet	DMX OUTPUT/ NETWORK
ECPB DMX OUT/AC	DMX Out and AC Plug	DMX OUTPUT/AC
ECPB DMXIN/NET	DMX In and Ethernet	DMX 1 INPUT/ NETWORK
ECPB DMX IN/OUT	DMX In and Out	DMX 1 INPUT/ DMX OUTPUT
ECPB DMXIN/2-IN	Dual DMX Input	DMX 1 INPUT/ DMX 2 INPUT
ECPB NET/NET	Dual Ethernet	NETWORK/NETWORK
ECPB NET/AC	Ethernet and AC Plug	NETWORK/AC
ECPB UNISON/NET	Unison Portable and Ethernet	UNISON/ NETWORK

Three Gang Plug-in Stations

Model	Description	Legend
ECPB NET/NET/AC	NET, NET, AC Plug-in station	NETWORK/NETWORK/ AC

Note: Custom configurations are available with up to seven connectors, contact ETC for pricing and lead time information.

Accessories

Model	Description
ECPB PB1/ECPB PB2	1- and 2-gang Surface Mount Back Boxes (2.5 in deep)
1SBD-4/2SBD-4/3SBD-4/ SBD-4/5SBD-4/6ESBD-4	1- through 6-gang Surface Mount Back Boxes (3.5 in deep)
ECPB PB-U	U-Bolt kit for 1- and 2-gang stations (back box not included)
ECPB PB-U3	U-Bolt kit for 3-gang stations (back box not included)
UBOLTKIT	U-Bolt pipe-mount assembly
UBOLTKITOFFSET	Offset U-Bolt pipe-mount assembly



SPECIFICATIONS

PHYSICAL

- Faceplates made from 0.80 in aluminum
- Finished in fine texture, scratch-resistant black powder coat
- White legends standard
 - Engraving or custom legends available
- Mounts in standard RACO flush-mount back box (supplied by others)
 - Surface-mount back boxes available from ETC
- Optional U-Bolt Pipe-mount kit for use with surface-mount back boxes

ELECTRICAL

- Low voltage class 2 wiring for data connections
- Voltage barriers provided when Class 1 and Class 2 wiring terminations are included in the same faceplate
- Terminal blocks supplied for contractor terminations

CONNECTOR OPTIONS

- Following standard connectors available for Plug-in Stations:
 - 5-Pin XLR plug connectors for DMX input
 - 5-Pin XLR socket connectors for DMX output
 - RJ45 connectors for Network connections - Twisted Pair
 - 6-Pin DIN socket connectors for Unison portable stations

PHYSICAL

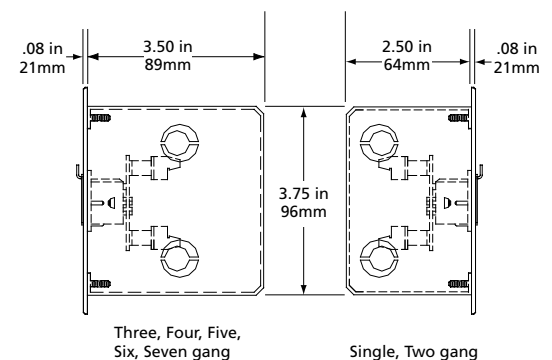
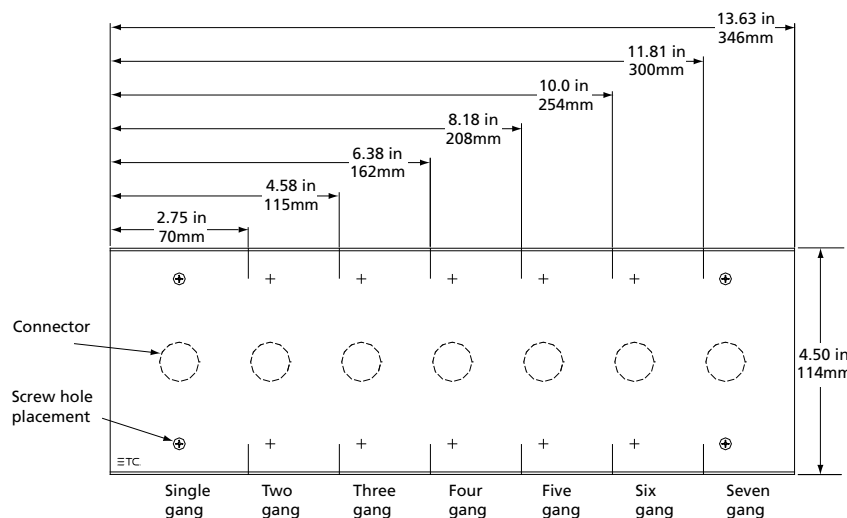
Station Wall Plate Dimensions

Model	Width		Height		Depth	
	in	mm	in	mm	in	mm
Single gang	2.75	70	4.50	114	2.50	64
Two gang	4.56	115	4.50	114	2.50	64
Three gang	6.38	162	4.50	114	3.50	89
Four gang	8.18	208	4.50	114	3.50	89
Five gang	10.00	254	4.50	114	3.50	89
Six gang	11.81	300	4.50	114	3.50	89
Seven gang	13.63	346	4.50	114	3.50	89

Flush-mount Back Boxes (supplied by others)

Model	Required back box
Single gang	RACO 690 or equivalent
Two gang	RACO 691 or equivalent
Three gang	RACO 697 or equivalent
Four gang	RACO 698 or equivalent
Five gang	RACO 699 or equivalent
Six gang	RACO 965 or equivalent
Seven gang	Provided by ETC

Note: Gangable back boxes are not supported. Surface-mount boxes are provided by ETC upon request.



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