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TROVE2 Mercury Lenel Access and Power Integration

Altronix TROVE2 Mercury Lenel Access and Power Integration Owner's Manual

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Altronix TROVE2 Mercury Lenel Access and Power Integration

Specifications

- Enclosure Options: TROVE2
- Dimensions: 27.25 H x 21.75 W x 6.5 D

Product Information

The Altronix products allow for easy integration of power supplies and accessories with access controllers from top manufacturers, reducing installation and labor costs.

Product Usage Instructions

Power Supply/Chargers for TROVE Series:

Choose the appropriate Altronix model based on your power requirements:

- AL400ULXB2: 12VDC @ 4A or 24VDC @ 3A, 1 output, built-in battery charger
- AL600ULXB: 12VDC or 24VDC @ 6A, 1 output, built-in battery charger
- AL1012ULXB: 12VDC @ 10A, 1 output, built-in battery charger
- AL1024ULXB2: 24VDC @ 10A, 1 output, built-in battery charger

Trove 2 Series Pre-assembled Kits:

Select the appropriate kit based on your system capacity and compatible models from KERI SYSTEMS:

- T2KSK38: 8-Door Access System with Power
- T2KSK712: 12-Door Access System with Power

FAQ

Q: Can the TROVE2 enclosure accommodate batteries?

A: Yes, the TROVE2 enclosure can accommodate four (4) 12VDC/12AH batteries.

Q: What are the dimensions of the AL600ULXB power supply?

A: The AL600ULXB power supply has dimensions of 7.1 x 4.5 x 1.44 inches.

Easily combine Altronix power and accessories with access controllers from the industry's leading manufacturers – Reducing installation and labor costs!

- Trove streamlines access control design and deployment, increasing profits and ROI.
- Removable backplanes allow you to configure and test prior to on-site installation.
- Trove enclosures are available in different sizes and configurations to meet your project scope – including wall mount, rack mount and outdoor models.
- Pre-configured kits are available with power distribution, finger duct and wire assemblies.
- Combine both access and intrusion modules for various brands – all in one enclosure, for added value!
- Optional LINQ™ Networked Power Management Technology allows you remotely monitor, control and report power/diagnostics, streamlining service and maintenance operations by leveraging the network.
- Altronix products are TAA & NDAA compliant
- Our free online Trove System Design tool simplifies the design and product selection process: **www.altronix.com/system_design_tools/trove**
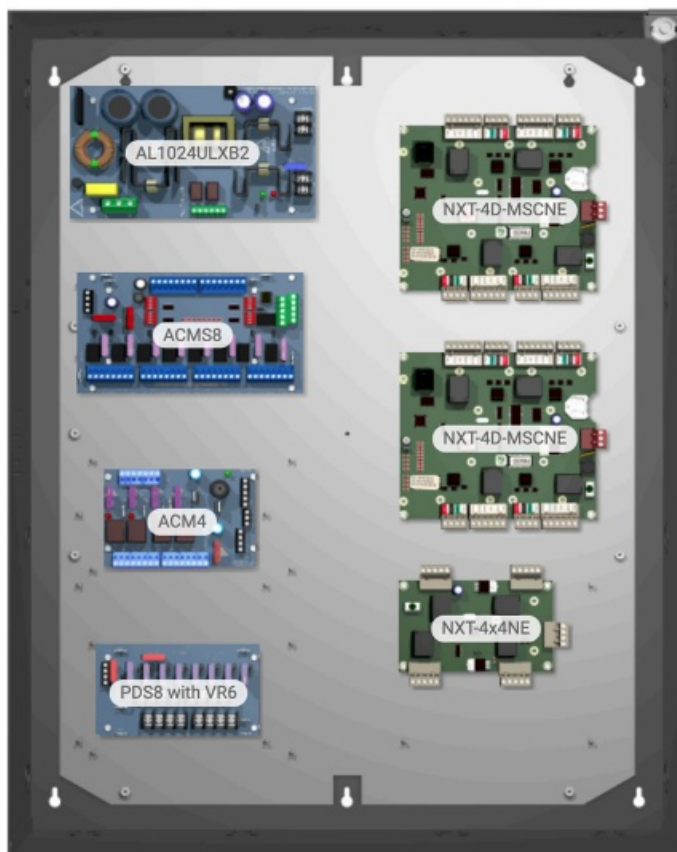

- **TROVE2**
    - Knockouts accommodate up to 2.0" conduit

○ Accommodates four (4) 12VDC/12AH batteries Dimensions: 27.25" H x 21.75" W x 6.5" D

Access and Power Integration

| Altronix Model	Power Supply/Charger(s)	Description/Sub-Assemblies	System Capacity	Compatible KERI SYSTEMS Models
Trove 2 Series – Accommodates Altronix Power and Distribution with Controllers				
TROVE2KS2	N/A	Enclosure + Backplane	12-Doors	
TKS2	N/A	Backplane only		
Trove 2 Series Pre-assembled Kits				
T2KSK38	AL600ULXB	ACMS8, PDS8, VR6	8-Doors	NXT-2D-MSCNE, NXT-4D-MSCNE, NXT-4X4NE, NXTW1, NXTRM3
T2KSK3F8	eFlow6NB			
T2KSK38D	AL600ULXB	ACMS8CB, PDS8CB, VR6		
T2KSK3F8D	eFlow6NB			
T2KSK712	AL1024ULXB2	ACM4, ACMS8, PDS8, VR6	12-Doors	
T2KSK7F12	eFlow104NB			
T2KSK712D	AL1024ULXB2	ACM4, ACMS8CB, PDS8CB, VR6		
T2KSK7F12D	eFlow104NB			
220VAC units available upon request, add suffix "V" (T2KSK38V)				

T2KSK712
12-Door Access System with Power

Power Supply/Chargers for TROVE Series

Altronix Model	Total Output Power	Number of Outputs	Built-in Battery Charger	Input	Dimensions (L x W x H)
ULXB Series Power Supply/Chargers					
AL400ULXB2	12VDC @ 4A or 24VDC @ 3A				7.1" x 4.5" x 1.44"
AL600ULXB	12VDC or 24VDC @ 6A				7.1" x 4.5" x 2.6"
AL1012ULXB	12VDC @ 10A			115VAC	7.5" x 4.5" x 2.25"
AL1024ULXB2	24VDC @ 10A				8.4" x 4.5" x 1.95"
AL400ULXB2V	12VDC @ 4A or 24VDC @ 3A	1	SLA		7.1" x 4.5" x 1.44"
AL600ULXB220	12VDC or 24VDC @ 6A				7.1" x 4.5" x 2.6"
AL1012ULXB220	12VDC @ 10A			220VAC	7.5" x 4.5" x 2.25"
AL1024ULXB2V	24VDC @ 10A				8.4" x 4.5" x 1.95"

eFlow Series Power Supply/Chargers					
eFlow4NB	12VDC or 24VDC @ 4A	1 Main Output, 1Aux. Output (1A)	SLA	115VAC	7.5" x 4.6" x 1.75"
eFlow6NB	12VDC or 24VDC @ 6A				7.5" x 4.6" x 1.75"
eFlow102NB	12VDC @ 10A				7.5" x 4.6" x 1.75"
eFlow104NB	24VDC @ 10A				8.25" x 4.56" x 1.75"
eFlow4NBV	12VDC or 24VDC @ 4A			220VC	7.5" x 4.6" x 1.75"
eFlow6NBV	12VDC or 24VDC @ 6A				7.5" x 4.6" x 1.75"
eFlow102NBV	12VDC @ 10A				7.5" x 4.6" x 1.75"
eFlow104NBV	24VDC @ 10A				8.25" x 4.56" x 1.75"
Tango PoE Driven Power Supply/Charger					
Tango1B	12VDC up to 6.25A (75W) and 24VDC up to 3A (75W)	2	LiFePO4	90W 802.3bt PoE	7.625" x 4.125" x 1.25"

AL600ULXB

eFlow104NB
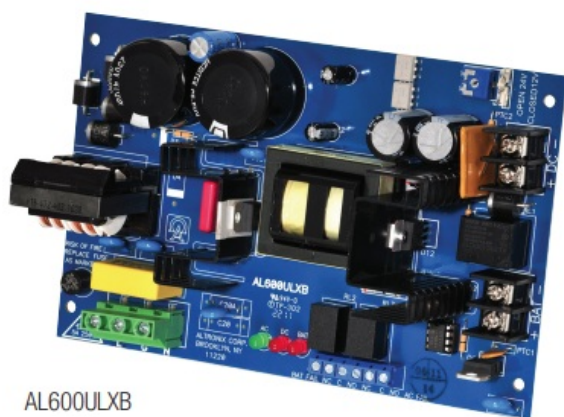
PoE Power Sourcing Equipment

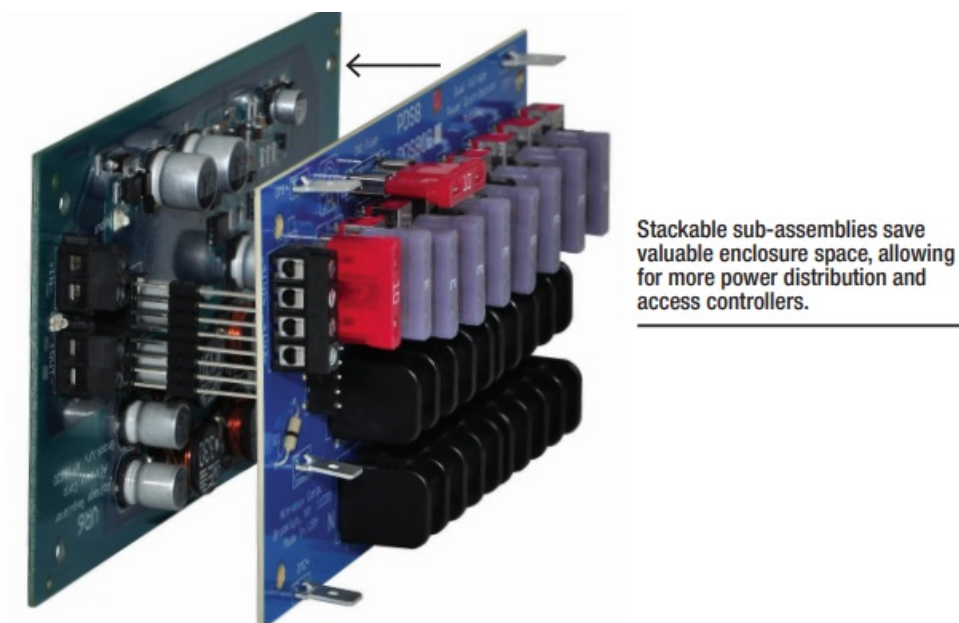| PoE Power Sourcing Equipment	
Altronix Model	Description
NetWay1BT	Single Port 802.3bt Converter/Injector – 115/230VAC Input, 90W Output
NetWay8BT	8-Port Managed 802.3bt Midspan Injector supplies 90W per port (480W total power)

NetWay1BT

NetWay8BT

Altronix Model	Description	Number of Outputs	Dimensions
ACM4 / ACM4CB	4-Output Access Power Controller	4	5.175" x 3.36" x 1.25"
ACM8 / ACM8CB	8-Output Access Power Controller	8	8" x 4.5" 1.25"
ACMS8 / ACMS8CB	Dual Input, 8-Output Access Power Controller	8	8" x 4.5" 1.25"
ACMS8K1 / ACMS8CBK1	Dual Input, 8-Output Access Power Controller and Voltage Regulator Kit	8	8" x 4.5" 2.125"
ACMS12 / ACMS12CB	Dual Input, 12-Output Access Power Controller	12	8" x 4.5" 1.25"
NETWAY5A	5-Port Switch Board Facilitates Network Drops (10/100)	5	5.625" x 3.5" x 1"
NETWAY5B	5-Port Switch Board Facilitates Network Drops (10/100/100)	5	5.625" x 3.5" x 1"
PD4UL / PD4ULCB	4-Output Power Distribution Module	4	5.21" x 3.25" x 1"
PD8UL / PD8ULCB	8-Output Power Distribution Module	8	5.21" x 3.25" x 1"
PDS8 / PDS8CB	Dual Input, 8-Output Power Distribution Module	8	5.375" x 3" x 1"
PDS8K1 / PDS8CBK1	Dual Input, 8-Output Power Distribution Module and Voltage Regulator Kit	8	5.375" x 3" x 2"
PD16W / PD16WCB	16-Output Power Distribution Module	16	5.875" x 6" x 0.95"
PDS16 / PDS16CB	Dual Input, 16-Output Power Distribution Module	16	5.375" x 3" x 1"
M0M5	5-Output Power Distribution Module with Fire Alarm Interface	5	5.25" x 3.5" x 1"
LINQ8PD / LINQ8PDCB	Dual Input, 8-Output Network Power Distribution Module – Control, Monitor and report Power/Diagnostics	8	8"x 4.5"x 1.25"

LINQ8ACM / LINQ8 ACMCB	Dual Input, 8-Output Network Power Access Power Controller – Control, Monitor and report Power/Diagnostics	8	8" x 4.5" 1.25"
LPD	Low Power Disconnect Module (12/24VDC input)	N/A	2" x 2.75" 1"
VR6	Stackable Voltage Regulator Converts a 24VDC input to 5VDC or 12VDC at 6A	1	5.375" x 3" x 1"
VR10	Stackable Voltage Regulator Converts a 24VDC input to 5VDC or 12VDC at 10A	1	5.375" x 3" x 1"

Stackable sub-assemblies save valuable enclosure space, allowing for more power distribution and access controllers.

Power Distribution / Sub Assemblies for TROVE Series

Altronix Model	Description	
BL3	18" Battery Leads (black and red)	
BL4	8" Battery Series Jumper (yellow)	
BL6	68" Battery Leads (black and red)	
BR1	Add-on mounting bracket. Mount additional Altronix sub-assemblies to the enclosure's side wall.	
BT126	12VDC / 7AH Rechargeable Battery	
BT1212	12VDC / 12AH Rechargeable Battery	
BTL125	Rechargeable 12V Lithium Iron Phosphate (LiFePO4) Battery	
CLK1	Thumb Lock. Fits Trove1, Trove2 and Trove3 enclosures.	
DNP1	Altronix DIN Rail Adapter Plate accommodates the following sub-assemblies: ACM4(CB, ACM8(CB), ACM8(CB), ACMS8(CB), ACMS12(CB), LINQ8PD(CB), LINQ8ACM(CB), MOM5, NETWAY5A, NETWAY5B, NETWAY5P, NETWAY5PQ, PD4UL(CB), PD8UL(CB), PDS8(CB), PDS16(CB)	

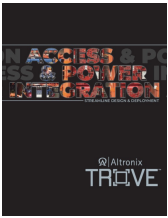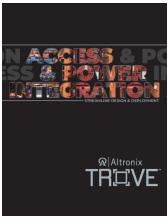|		
GB1	Altronix Adapter Plate for Genetec Synergis Cloud Link (For Mercury and HID/Vertx)	
MM4	Mounting Magnets. 26 lbs. holding force. Pack of 4.	
MM8	Mounting Magnets. 26 lbs. holding force. Pack of 8.	
MM12	Mounting Magnets. 26 lbs. holding force. Pack of 12.	
MM24	Mounting Magnets. 26 lbs. holding force. Pack of 24.	
PSC1	Power Supply Protective Cover (Includes standoffs)	
RSB1	Rocker Switch with Bracket – Includes single Master Power ON/OFF Switches and Wires	
RSB2	Rocker Switches with Bracket – Includes two (2) Master Power ON/OFF Switches and Wires	
SPACER1	5/8" Nylon female/female spacers (standoffs) with 6/32 screws. Pack of 25.	
SPACER3	5/8" Aluminum female/female spacers (standoffs) with 6/32 screws. Pack of 25.	
SPACER4	5/8" Nylon male/female spacers (standoffs) with 6/32 screws. Pack of 25.	
SPACER5	5/8" Nylon snap-on spacers (standoffs) with 6/32 screws. Pack of 32.	
SPACER6	1" Aluminum female/female spacers (standoffs) with 6/32 screws. Pack of 4.	
SPACER7	5/8" Aluminum male/female spacers (standoffs) with 6/32 screws. Pack of 25.	
SPACER8	1" Nylon female/female spacers (standoffs) with 6/32 screws. Pack of 4.	
SPACER9	5/8" Aluminum spacers (standoffs) with 4/40 screws. Pack of 8.	
TROVE2BWC	Wire trough/Battery enclosure compliments Trove2 enclosures to accommodate up to four (4) 12VDC/18AH batteries, or conceal side wiring (horizontal mount)	
TROVE3BWC	Wire trough/Battery enclosure compliments Trove3 enclosures to accommodate up to four (4) 12VDC/18AH batteries, or conceal wiring (horizontal mount)	

BTL125

CLK1
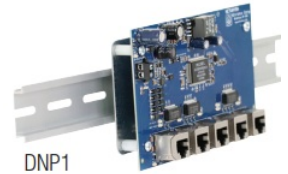
DNP1

PSC1

RSB2

TROVE3SWC

WM5

TROVE3 SWC	Wire trough/Battery enclosure compliments Trove3 enclosures to accommodate up to four (4) 12VDC/40AH batteries, or conceal side wiring (vertical mount)	
WM5	Magnetic cable tie mount. Accommodates standard zip ties. 16 lbs. holding force. Pack of 5.	
WM10	Magnetic cable tie mount. Accommodates standard zip ties. 16 lbs. holding force. Pack of 10.	
WM25	Magnetic cable tie mount. Accommodates standard zip ties. 16 lbs. holding force. Pack of 25.	
WM100	Magnetic cable tie mount. Accommodates standard zip ties. 16 lbs. holding force. Pack of 100.	

140 58th Street | Brooklyn, NY 11220 | 718.567.8181 | **info@altronix.com**

Documents / Resources

	Altronix TROVE2 Mercury Lenel Access and Power Integration [pdf] Owner's Manual TROVE2, TROVE2KS2, T2KSK38, T2KSK3F8, T2KSK38D, T2KSK3F8D, AL400ULXB2, AL600ULXB, AL1012ULXB, AL1024ULXB2, AL400ULXB2V, AL600ULXB220, AL1012ULXB220, AL1024ULXB2V, TROVE2 Mercury Lenel Access and Power Integration, TROVE2, Mercury Lenel Access and Power Integration, Lenel Access and Power Integration, Access and Power Integration, and Power Integration, Power Integration, Integration
	Altronix TROVE2 Mercury Lenel Access and Power Integration [pdf] Owner's Manual TROVE2, TBH2, TBHD2, AL400ULXB2, AL600ULXB, AL1012ULXB, AL1024ULXB2, AL400ULXB2V, AL600ULXB220, AL1012ULXB220, AL1024ULXB2V, eFlow4NB, eFlow6NB, eFlow102NB, eFlow104NB, eFlow4NBV, eFlow6NBV, eFlow102NBV, eFlow104NBV, TROVE2 Mercury Lenel Access and Power Integration, TROVE2, Mercury Lenel Access and Power Integration, Lenel Access and Power Integration, Access and Power Integration, Power Integration, Integration

References

- ℛ **Configure Your Trove**
- **User Manual**