PRIMEX
MDE Installation Instructions

Verge PR1500
Allfield Media Distribution Enclosure

The Primex PR1500 Allfield MDE is an all-in-one new build and retrofit WiFi transparent enclosure. It mounts in-wall, on-wall or free standing for single or multi-family applications. The unique, patented Smart Lid is self-aligning and closing with an adjustable depth and clean aesthetics. The PR1500 provides ample room for multi-play applications from broadband to smart home installations.

WARNING

- **DO NOT** stretch enclosure walls or lid won't seat properly.
- **DO NOT** over tighten mounting screws.
- **DO NOT** use mounting screws larger than #8.
- **RECOMMENDED** mounting height, 36" - 48" from the floor.
- **LEAVE** paintshield in during installation to protect enclosure during drywall installation and painting.

* On-wall maximum load rating: 10kg (22lbs)

GREENFIELD Installation

STEP 1

Install horizontal joist and electrical box

To ensure a comfortable working height it is recommended that the top of the electrical box be installed 36" - 48" from the ground. Ensure that the support joist is level.

Note: Install if required by your local electrical code.

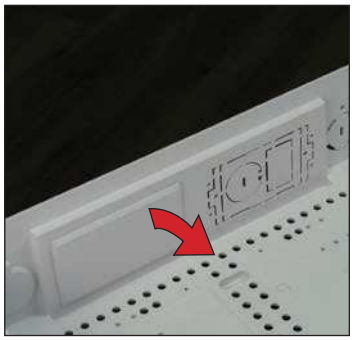


STEP 2

Remove bottom knock outs

Prior to installation, remove required knockout covers. Then, remove the knockout(s) for the electrical box using a Primex (P/N: 125-1683) flush cutter tool to trim support ribs. Trim excess plastic with knife.

Supports drop-in and under-mount gangbox installations.

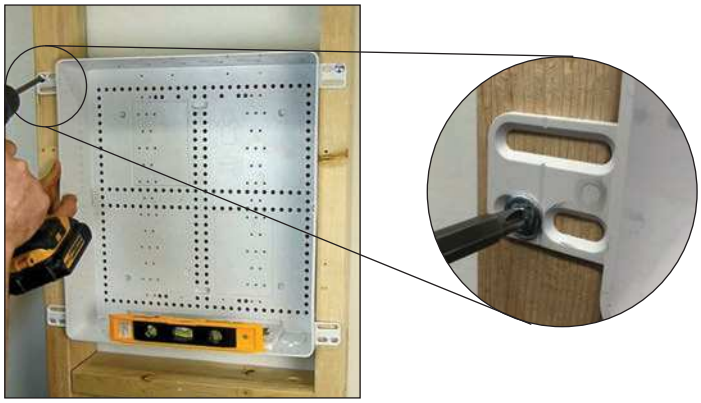




STEP 3

Install base

Install single #8 flat head screw in corner flange, level, then secure with additional screws.



STEP 4

Install Electrical Kit

Place gangbox into cut out knockout, connect power and secure receptacle to gangbox using screws.

Note: Secure gangbox to horizontal joist if required by your local electrical code.





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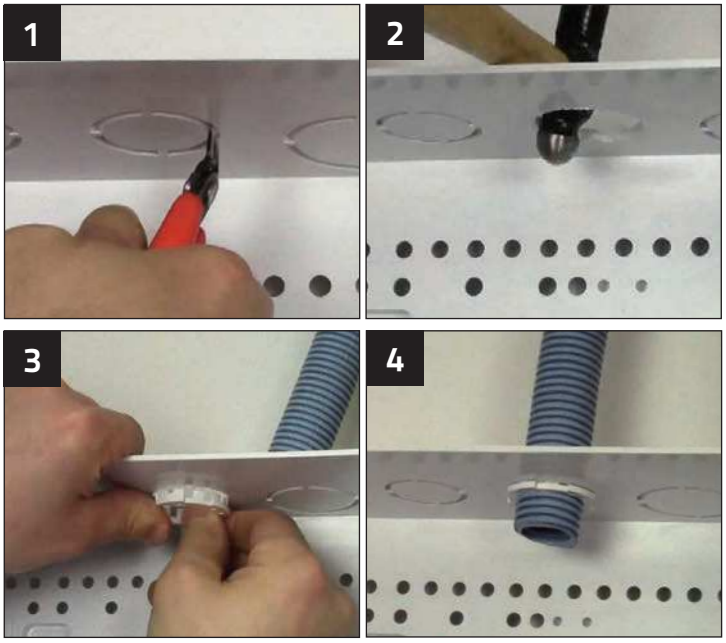
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STEP 5

Remove top knock outs and connect distribution conduit

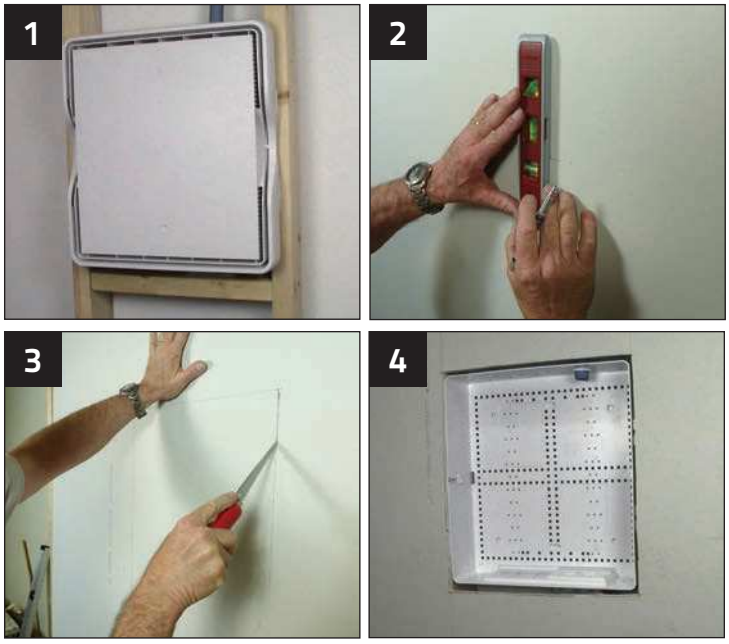
Remove the conduit knockouts using a flush cutter tool and blunt force tool. Connect conduit for outgoing and incoming services and secure with Primex conduit reducers (3/4"-1/2" reducers P/N: 125-1022, 1" - 3/4" reducers P/N: 125-0936).



STEP 6

Measure, mark, cut and mount drywall

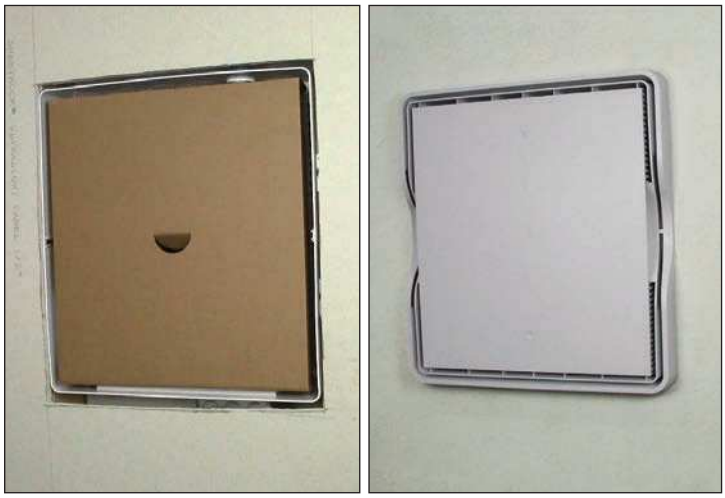
Measure, mark, then cut drywall where enclosure will be mounted. Fit drywall over top of the installed enclosure base and secure.



STEP 7

Paint wall and affix smart lid

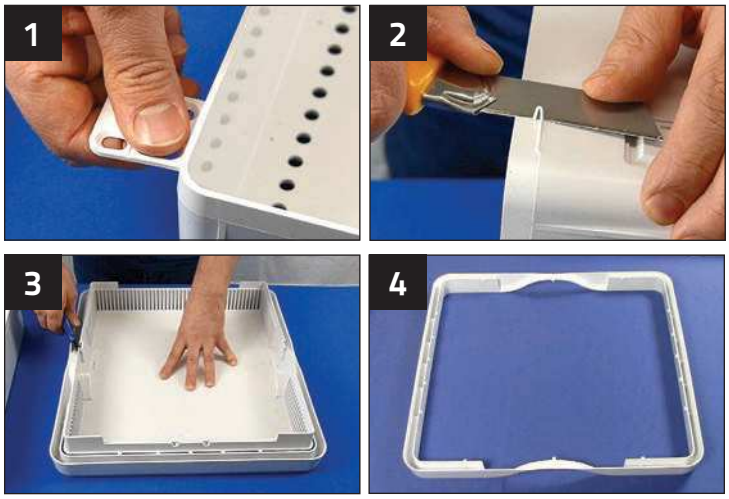
Leave paintshield in during installation to protect enclosure during drywall installation, mudding and painting.



GREENFIELD TO BROWNFIELD CONVERSION

Remove tabs and frame

Manually remove the tabs from the base. Using flush cutters, cut away the frame from the lid and smooth any rough edges with a knife.



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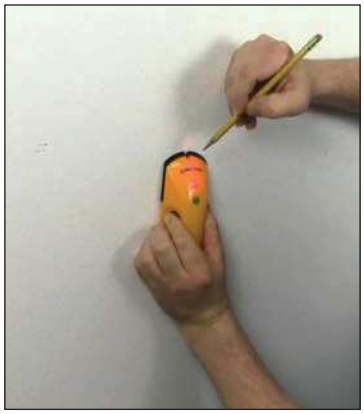
BROWNFIELD Wall-mount Installation

STEP 1

Wall mount install

Using a stud finder, mark position at a recommended height of 36" - 48".

Pre-drill holes in the center slots of the enclosure prior to mounting.

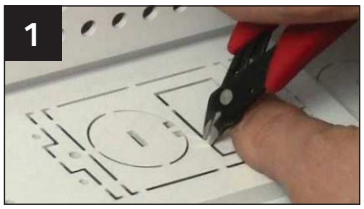


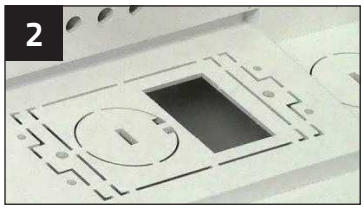

STEP 2

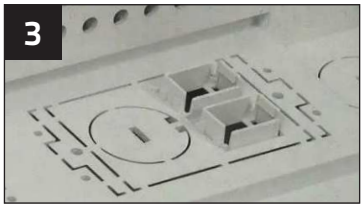
Remove knockout and insert optional keystones.

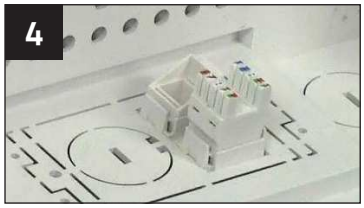
Trim support ribs on knockout using flush cutter tool. (P/N: 125-1683) Snap in keystone adapter (P/N: 125-1152 sold separately) and install optional keystones (available from Primex).

Remove knockouts for power as needed.









STEP 3

Affix PR1500 to stud

Affix PR1500 on a single stud using two No. 8 wood screws in the pre-drilled holes. Be sure to level before securing the bottom screw.







STEP 4

Affix Smart Lid

Place smart lid into place. Optional key lock kit (P/N: 125-1570) and hex lock kit (P/N: 125-1641) available.




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BROWNFIELD Freestanding Installation

STEP 1

Prepare enclosure

Remove lid. Trim support ribs on knockouts using flush cutters.



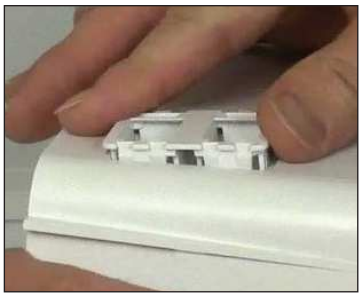
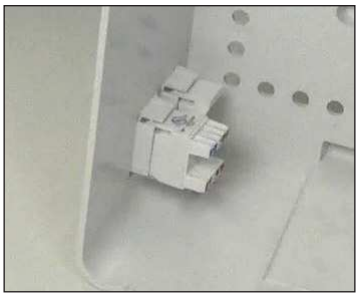




STEP 2

Install keystone adapter

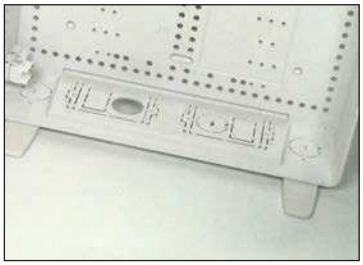
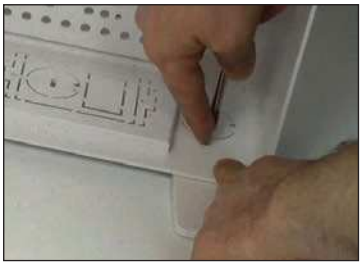
Snap in optional keystone adapter (P/N: 125-1152 sold separately) and jacks.

STEP 3

Attach feet

Install accessory feet (P/N: 125-1571 sold separately) using the screws provided.

STEP 4

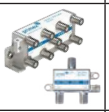
Finish Installation

Connect services and mount additional components using Primex's mounting systems. Optional key locks available (P/N: 125-1570).




ACCESSORIES

Product	Description	SC
	7" RMP w/RMB2(x2), pushpins (x10) 7" RMP w/RMB(x2), pushpins (x10) 7" RMP w/RMK(x2), pushpins (x10) 10" RMP w/RMB2(x4), pushpins (x10) 10" RMP w/RMB(x4), pushpins (x10) 10" RMP w/RMB2(x2)/RMK(x2), pushpins(x10)	125-1655 125-1656 125-1657 125-1658 125-1659 125-1660
	Universal Mounting Plate (UMP) 10" UMP w/5' tape, pushpins (x10)	125-0770 125-1623
	Shelf Mounting System (Single-1/pk) Shelf Mounting System (Divider-2/pk) Shelf Mounting System (bulk-18/pk)	125-1541 125-1542 125-1522
	33' Roll Of Mounting Tape 10' Roll Of Mounting Tape	125-0779 125-1274
	Mounting Plate Pushpins (100/bag) Mounting Plate Pushpins (10/bag)	125-0829 125-1535
	8-Port Cat5e Data Module 8-Port Cat6 Data Module 8-Port Voice RJ31x Module 6-Port Cat6a Data Module 8-Port Voice Cat6 w/RJ45 Module 1x8 Port 4 Line w/RJ45 Voice Module	125-0986 125-1035 125-0987 125-0975 125-0977 125-0976

Product	Description	SC
	Fiber Transition Cases White ABS FTC - w/Screw Cap FTC - w/Single SC/APC Adapter FTC - w/ext. Adapter Mount	 125-0945 125-0873 125-0849
	Fiber Transition Outlets FTO-w/1 SC/APC Adapter FTO-w/Integrated Splice Tray	 125-0889 125-0879
	SC/APC Fiber Keystone w/Shutter	125-0908
	Keystone Adapter	125-1152
	3/4"-1/2" Reducer 1"-3/4" Reducer	125-1022 125-0936
	2-Way Coax Splitter (horizontal) 4-Way Coax Splitter (vert/horiz) 6-Way Coax Splitter (vert/horiz) 8-Way Coax Splitter (vert/horiz)	125-1661 125-1574 125-1575 125-1576
	White ABS Hurricane Clip (12/pk)	125-0239
	F-Connector Keystone	125-0961

Product	Description	SC
	Cat5e, 110 IDC, 90° HD Cat5e, 110 IDC, 180° HD Cat6, 110 IDC, 90° HD Cat6, 110 IDC, 180° HD Cat6A, 180°, Unshielded Cat6A, 180°, Shielded	125-0949-WT 125-0948-WT 125-0947-WT 125-0946-WT 125-1628-WT 125-1629-WT
	3-Line RJ12 Voice Jack	125-0959-WT
	Blank keystone	125-0960-WT
	Cat5e coupler, HD Cat6 coupler, HD RG12 coupler, HD	125-1266-WT 125-1267-WT 125-1268-WT
	Electrical Installation Kit	125-1355
	PR1500 Freestanding Feet (2)	125-1571
	PR1500 Cylinder Lock Kit (2)	125-1570
	PR1500 Hex Lock Kit (2)	125-1641

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