RECESS MOUNT MODELS
When recess mounting to a stud wall, the interior wall must be reinforced across two studs using thick plywood and steel backplate.

Recess models are designed for flush mounting. Do NOT mount face down from ceiling or overhang area. Units can be adapted to fit a variety of solid walls or in a concrete wall. Due to its depth, there is NO RECESSED MOUNTING KIT available for the Knox Remote Power Box. Do NOT over tighten mounting bolts as this will distort the flange.

When the Knox Remote Power Box includes a Tamper Alert, set the Tamper Alert aside until the Knox Remote Power Box is flush mounted. Wiring should be pulled tight so that any attempts to force the Knox Remote Power Box out of the wall will break the wire or pull the terminals loose. If installing the Knox Remote Power Box on a thin or hollow wall, use a solid backing (1-1/8” plywood or 1/4” steel plate) for solid studs on both sides) for secure mounting. Mounting to solid studs or steel support is always required. Alarm wiring/testing should be performed by a qualified alarm installer.

RECESSED MOUNTING IN SOLID CONCRETE WALL
1. Bore 10” diameter hole through solid wall.
2. Install the Knox Remote Power Box per the diagram to the left, including electrical conduit and steel backup plate.
3. Install electrical wiring.
4. Force grout through visible voids on all four sides of Knox Remote Power Box flange with grout bag.
5. Patch exterior paint if needed.

BOX LOCKUP:
When mounting of the Knox Remote Power Box is complete, contact your local Fire Department to inform them the box is ready for lock-up. They have the only key to lock the box.

For private, industrial or commercial use: Keys will be sent separately to address requested.
KNOX REMOTE POWER BOX™

MOUNTING INSTRUCTIONS

GENERAL MOUNTING INSTRUCTIONS

1. Always mount your Knox Remote Power Box to a secure, solid wall, beam or post. A six foot height level is recommended to resist vandalism.

2. Use a small level to plumb the power box square.

3. Position the Knox Remote Power Box with green mounting markers pointed up with the hinge on the right hand side to allow for proper drainage. Remove the green markers after installation.

4. Use four (4) Grade 5 or Grade 8 fasteners (carriage bolts, etc.) of 3/8” diameter. Units may also be welded into place. Mounting to solid studs or steel supports is required. Avoid mounting face down from ceiling or overhang areas.

5. Be sure to caulk the sides and the top between the wall and the Knox Remote Power Box for waterproofing. Use commercial 100% silicone caulk with a typical bead thickness of 1/4”. Leave the bottom open for drainage.

DOOR REMOVAL AND ADJUSTMENT:

If door must be removed, remove only the top and bottom hinge pins. Do not remove the three hinge bracket screws as these are factory set for proper door alignment. When replacing the door, adjust hinge pin screws loose enough so that door swings freely. Door removal and adjustment is required.

Use of a licensed commercial electrician for Remote Power Box mounting and electrical installation is required. Raintight or wet location (rigid) conduit and hubs must be used.

6. After mounting is complete, mount your Knox Remote Power Box to a wood plank or sheet material (plywood or 2 pcs 3/4” plywood glued together) to properly reinforce for secure mounting. The Knox Remote Power Box is 7-1/4” deep and weighs 31 lbs. Do NOT mount face down from ceiling or overhang area. Surface models are designed for mounting on a flat wall. Do NOT mount face down from ceiling or overhang area. When the Knox Remote Power Box includes Tamper Alerts, set the Tamper Alert assembly located in the upper slot-area of the enclosure.

ATTENTION:

Installation of this product should be performed only by individuals skilled in the use of the tools and equipment necessary for installation. If you have any doubt concerning your competence or expertise, consult a qualified expert to perform the installation.

NOTE:

Suggested minimum mounting height: 6’ above ground

CONDUIT HOLE INSTRUCTIONS

IMPORTANT

Use 3/8” Grade 5 or Grade 8 fasteners
Loctite® all fasteners

Do NOT lock power box with security re-locking device. Do NOT lock power box with the lock mechanism cover removed or lockout will result.

The large plastic washers holding this cover are special security re-locking device. Do NOT lock power box with the lock mechanism cover removed or lockout will result.

The Knox Remote Power Box is 7-1/4” deep and weighs 31 lbs. When surface mounting to a stud wall, the interior wall must be reinforced across two (2) studs using thick plywood and steel backup plate. Surface models are designed for mounting on a flat wall. Do NOT mount face down from ceiling or overhang area. When the Knox Remote Power Box includes Tamper Alerts, set the Tamper Alert assembly located in the upper slot-area of the enclosure.

If installing on a thin or hollow wall, use a solid backing (1-1/8” plywood or 1/4” steel plate fastened to solid studs on both sides) to properly reinforce for secure mounting. Mounting to solid studs or steel support is required. Alarm wiring/testing should be performed by a qualified alarm installer.

NOTE:

Conduit hole is to be drilled by a qualified, licensed commercial electrician making sure all National and Local Codes are met. Conduit hole must be drilled so that Tamper Alert, mounting screws and grounding lug are not compromised. Use only raintight or wet location conduit and hubs.

DISASSEMBLY AND CONDUIT HOLE INSTRUCTIONS

1. Using a 1/32” crescent or adjustable wrench, remove the red selector knob by removing the octagonal locknut from directly behind the knob.

2. Using a screwdriver, remove the four (4) mounting screws and nylon washers from the power on/off label area.

3. Remove metal encasement which contains the electrical switch and NEMA box cover, being careful not to damage the door Tamper Alert assembly located in the upper slot-area of the encasement.

4. Using an Allen wrench, remove the four (4) mounting bolts for the NEMA electrical enclosure. (Long T-handle Allen wrench recommended.)

5. Using a Phillips screwdriver, remove the Tamper Alert assembly.