

## GRADY RESEARCH, INC.

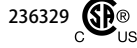
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CERTIFIED TO CSA C22.2, NO.18.1-04 &  
NO.18.3-04; UL 514A & UL 514B

# GRADY BOX™ INSTALLATION INSTRUCTIONS

## INSTALL DEVICES & COVERS

**Conventional Outlets & Switches:** Grady Box will accept two (2) conventional outlets or switches, including most GFCI receptacles and 4-way switches. Provisions have been made for mounting devices according to manufacturers' instructions.

**Raised Covers:** 4" Square raised covers can be used in semi-finished areas.

**Plaster Rings:** Plaster rings can be used if desired on 4" square bolt pattern with proper set back.

## NM OR ROMEX

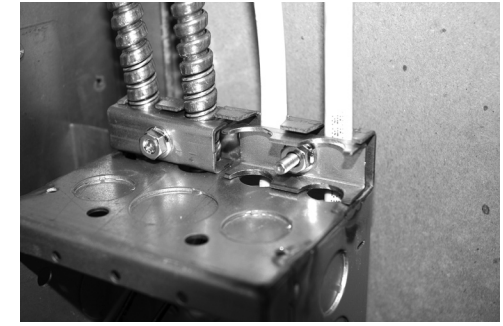
For non-metallic jacketed cables, remove pryout(s) as described for metallic jacketed cables. Before securing cables, orient Cable Clamp so that the N side is visible. Secure cable(s) using 10-32 serrated nuts and 5/16" nut driver. The Inner Wire Guide is not needed and may be removed with pliers.

**NOTE 1:** Whenever possible, bring all wires and cables in through top surface of Grady Box. This is the neatest installation and wire nuts will tuck in easily.

**NOTE 2:** The 2-Gang Grady Box will accommodate up to fourteen (14) #12 wires using a combination of conduit and metallic or non-metallic jacketed cables.

**NOTE 3:** The 2-Gang Grady Box is equipped with a dedicated Ground Stud (10-32 x 1/2") and serrated nut, plus a 10-32 tapped hole, to ensure proper grounding where required.

**NOTE 4:** All connections can be made up and energized before drywall is installed if loop-through wiring is avoided on receptacles. It is good practice to join the wires in the rear of the box in any case, even with a loop-through layout. This can easily be done with Grady Box because it has the needed room for wire nuts behind devices, as is required by the NEC on multi-wire branch circuits. This is an excellent method for all outlets. Loose or burned series feed screws, or series connections to receptacles in general are the leading cause of branch circuit call-backs and later problems.



## SUPPLIED ITEMS

- One (1) 2-gang Grady Box
- Three (3) 10-32 serrated nuts

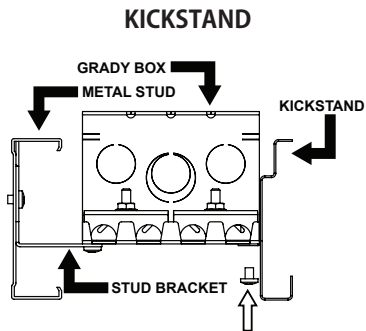
## REQUIRED TOOLS (Not Supplied)

- Self-tapping screws used for metal-studs
- #2 Phillips screwdriver with minimum 4" round shank
- 5/16" nut driver (for cable clamps and ground stud)

## OPTIONAL TOOLS (Not Supplied)

- Locking C-clamp pliers, such as Vise Grip #6R
- Cordless drill and long #2 Phillips round shank screwdriver bit

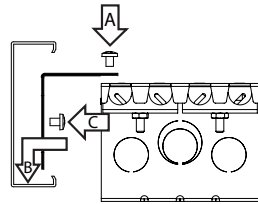
## INSTALL KICKSTAND



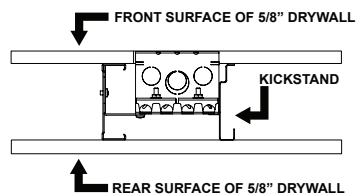
1. Kickstand™ provides far-side support for Grady Box between both front and rear surfaces of drywall to prevent unwanted inward or outward motion.
2. Attach Kickstand to side of box opposite metal stud using captive 10-32 screw and either tapped hole at upper and lower rear corners of box.
3. GB3-KS Kickstand is designed for use with 3" deep Grady Box, 3-5/8" steel studs and 5/8" drywall - either one or two thicknesses.

## SELECT MOUNTING METHOD FOR STANDARD 1-GANG, 2-GANG, 3-GANG & 4-GANG

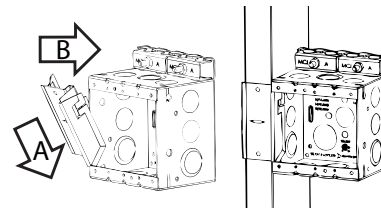
### STUD BRACKET



1. Align captive Stud Bracket screws with tapped holes on rear of Grady Box and secure bracket to box (A).
2. Align box and bracket on desired stud surface; sliding bracket to front surface of stud (B).
3. Secure bracket to stud using metal stud screws (not supplied) (C).



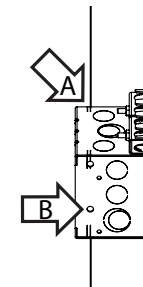
### STUD CLIP



1. Hook notched end of Stud Clip™ onto front lip of Grady Box (A) on appropriate side.
2. Push Stud Clip onto side of box until fully seated (B). When seated properly, metal tabs hold clip secure with indexing holes.
3. To mount box and clip on stud, align clip over front of stud at appropriate height using the sighting hole in the center of clip. Press firmly on clip until fully seated against stud.

### DIRECT ON STUD

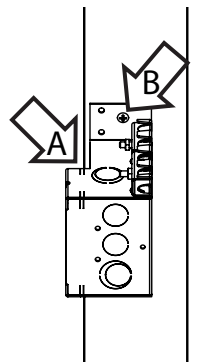
1. Position Grady Box onto closed side of stud at desired height.
2. Use the stamped reference marks on top and side of Grady Box (A) to set for 1/2" or 5/8" drywall.
3. Using metal stud screws (not supplied), affix box to closed surface of stud using pre-drilled holes.
4. A 6" Phillips screwdriver bit is provided for this; box is equipped with screwdriver clearance holes (B) to make screw access easier.



**NOTE:** LOCKING C-CLAMP PLIERS (NOT SUPPLIED) CAN BE USED TO HOLD BRACKET OR BOX IN PLACE DURING ATTACHMENT TO STUD

### 1-GANG EV DIRECT ON STUD

1. Position Grady Box onto open or closed side of stud at desired height.
2. Use the stamped reference marks on top and side of Grady Box (A) to set for 1/2" or 5/8" drywall.
3. Using metal stud screws (not supplied), affix box to stud using pre-drilled holes in the bracket.



**NOTE:** LOCKING C-CLAMP PLIERS (NOT SUPPLIED) CAN BE USED TO HOLD BOX IN PLACE DURING ATTACHMENT TO STUD