Instruction / Installation Sheet: Option 1
Remote Device Mount
Part # 62-5440-V2

DATACOMM™ ELECTRONICS

DataComm Electronics, Inc.
2831 Peterson Place
Norcrpss. GA 30071-1725
770.448.0540
www.DataCommElectronics.com

Parts Included:

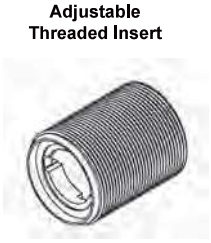
- Remote Device Mount Platform
- Two (2) Mounting Brackets
- Mud Shield (RED)
- Six (6) Sensor Inserts
- Four (4) Phillips Head Mounting Screws
- Double-Sided Tape
- Adjustable Threaded Insert

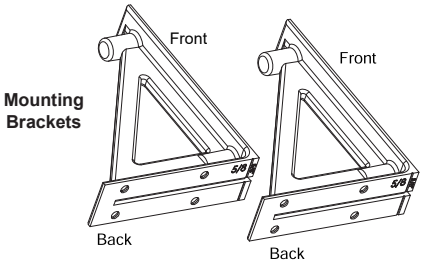
Tools Required:

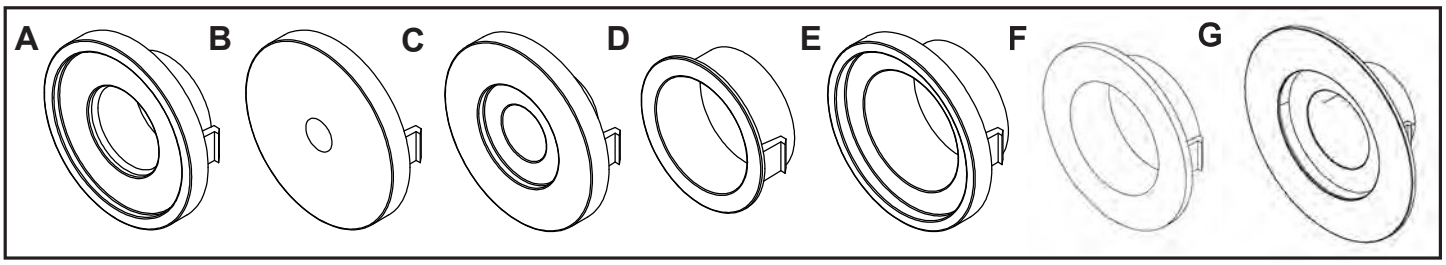
- Phillips Head Screw Driver or Drill with Bit.
- 2" Hole Saw
- Tape measure
- Needle-Nose Pliers
- Level
- (2) Wood Screws

Optional: Wire Ties (at least two); Speed Square

Sensor Information:







Insert A – Leviton 23A00-2, Hai 23A00-1

Insert B – Lutron LR-TEMP-FLSH, Savant SST-TEMP1-00, AMX ENV-VST-TSF

Insert C – LG ZRTBS01, Savant CLI-THFM1-00, Peco 71487

Insert D – Aprilaire 8083, Elan 8083, Honeywell FG-1625RFM, Interlogix ShatterPro II, Bosch DS1101i,Crestron CHV-RTS/RTHS

Insert E – Aprilaire 8051, Elan 8051, Tekmar 84/86, Vantage FlushSensor, Josh.ai Nano

Insert F - Josh.ai Nano

Insert G - Crestron CHV-RTS/RTHS, Josh.ai Nano

* Similarly sized sensors to the above listed brands may fit in these inserts.

Warning:

- **DataComm Electronics' products shall be installed and used only as indicated in DataComm Electronics' product instruction sheets.**
- **Instruction sheets are available online at www.datacommelectronics.com.**

IMPORTANT INSTRUCTIONS

- **Read and understand all instructions.**
- **Follow all warnings and instructions marked on the product.**
- **Do not use this product near water, for example near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.**
- **SAVE THESE INSTRUCTIONS.**

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Installation Instructions:

Figure 1: Determine your location for installing the Remote Device Mount. If your vertical stud is in any way bowed, twisted, unleveled or not plumb, we recommend running a horizontal two-by-four brace between the studs to ensure that the mounting platform is 100% square, level and plumb for your Remote Device Mount. Shown in Figure 1 on the left.

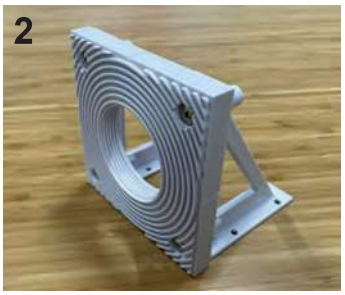

Figure 2: Attach the two included mounting brackets to the platform using the included mounting bracket screws (4).

Note that when installing "Option 1," the back of the mounting brackets may stick out past the rear of the stud bay, interfering with other wall finishes. DataComm recommends that if needed, trim off any excess material from the back of the mounting brackets outside of the support arm.

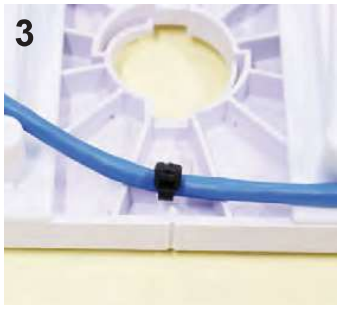

Figure 3: With your location selected and wiring ran, use a wire tie (not included) to fasten the prewire to the rear of the RDM platform. Leave excess cable to be pulled through the RDM insert opening. This will ensure that your prewire does not get damaged or go missing during the other construction stages.

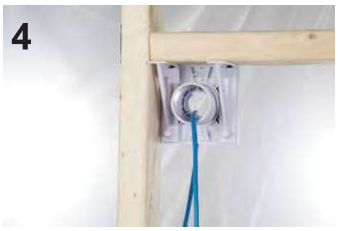

Figure 4: Mount the RDM to the two-by-four, either vertically or horizontally, using two wood screws (not included). Double check to make sure that the mount is flush and plumb with the wall/studs. If the mount is set back slightly from the stud, that is better than sticking out too far out. Having the mount sticking out too far will affect the wall finish install. You can then install the threaded insert by screwing it into the front or back of the RDM mount. Turning clockwise from the front or back.

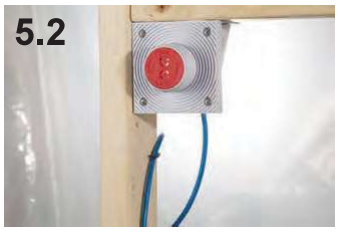

Figure 5.1 & 5.2: Make a loop with your prewire and run it through the RDM threaded insert opening, then wire tie the loop to the back of the RED mud shield. Insert the RED mud shield into the RDM threaded insert, and turn clockwise to lock in place. You may need to hold the threaded insert to keep it from spinning. You are now ready to install the wall finish.

Option 1

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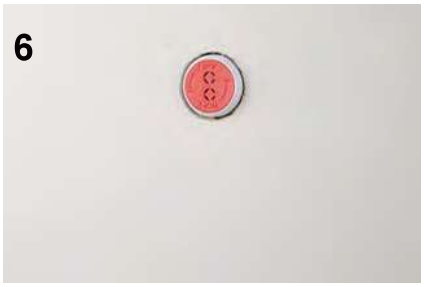

Figure 6: Use a tape measure to figure out where the center of the RED mud shield is on the wall and mark your measurement on the drywall or wall finish. You will then use a 2 inch hole saw (not included) with your drill to cut the opening for the threaded insert. Once the wall finish is up, locate your RDM by finding the RED mud shield on the wall.

Figure 7: Use a pair of needle-nose pliers (not included) to remove the RED mud shield from the threaded insert by punching through the two front holes and turning counterclockwise. You may need to hold the threaded insert while removing the RED mud shield to keep it from spinning. If you plan on painting the wall or adding an additional wall finish, this would be the time to do so. Keep in mind that the "G" insert is also paint-able to match the wall finish if you choose to do so.

Figure 8: Once your prewire is terminated, you can install the provided insert "G", by sliding the prewire through the opening and snapping the insert "G" to the threaded insert. Turn insert "G" and threaded insert clockwise until snug with the wall. Do not over tighten.

Figure 9: You are now ready to connect your sensor or device to your prewire.

Figure 10: Insert your device or sensor into the "G" insert and adjust as needed.

Figure 11: Your install is complete. Enjoy!

Option 1

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Figure 10

Instruction / Installation Sheet: Option 2
Remote Device Mount
Part # 62-5440-V2 ***CONTINUED***

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Installation Instructions:

Figure 1: Determine your location for installing the Remote Device Mount. If your vertical stud is in any way bowed, twisted, unleveled or not plumb, we recommend running a horizontal two-by-four brace between the studs to ensure that the mounting platform is 100% square, level and plumb for your Remote Device Mount. Shown in Figure 1 on the left.

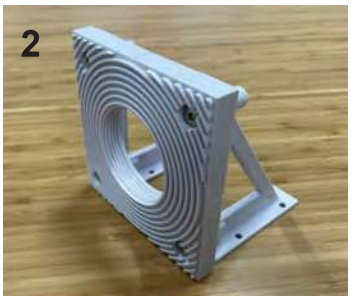
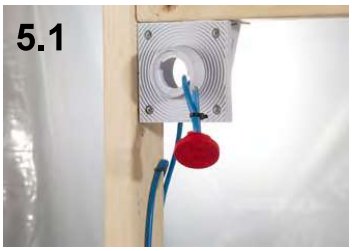


Figure 2: Attach the two included mounting brackets to the platform using the included mounting bracket screws (4).

Figure 3: With your location selected and wiring ran, use a wire tie (not included) to fasten the prewire to the rear of the RDM platform. Leave excess cable to be pulled through the RDM insert opening. This will ensure that your prewire doesn't get damaged or go missing during the other construction stages.

Figure 4: Mount the RDM to the two-by-four, either vertical or horizontal, using two wood screws (not included). Double check to make sure that the mount platform sticks out past the studs just under the exact depth of the drywall or wall finish. You really want the mount platform to be set back slightly from the drywall to allow room for your drywall mud or joint compound. This will make for a more flush final install. The mount legs do have a marking for 5/8 inch drywall, however we do not recommend that you solely rely on that marking for your install. You can then install the threaded insert by screwing it into the front or back of the RDM mount, turning clockwise from the front will retract the insert and turning counterclockwise will extend the insert.



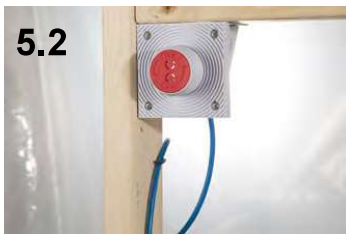


Figure 5.1 & 5.2: Make a loop with your prewire, run it through the RDM threaded insert opening, and wire tie the loop to the back of the RED mud shield. Then insert the RED mud shield into the RDM threaded insert, and turn clockwise to lock it in place. You may need to hold the threaded insert to keep it from spinning. You are now ready to install the wall finish.

Option 2

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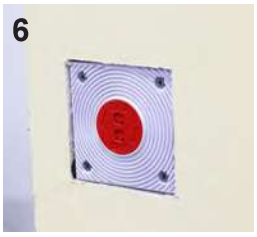


Figure 6: Use a tape measure to figure out where the edges of the Remote Device Mount Platform is on the wall and mark your measurement on the drywall or wall finish. Once the drywall is up and cut around the platform of the RDM, ensure that the platform of the RDM is set just slightly back from the drywall surface, (Refer back to Figure 4 instructions) before continuing on to the next stage (Figure 7).

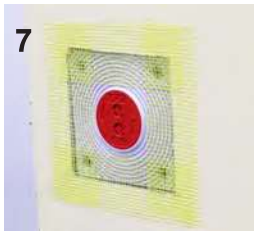
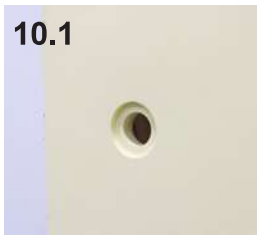


Figure 7: Use drywall joint tape (not included) to cover all four sides, where the RDM mount meets the drywall. Make sure to not cover the RED mud shield with any of the tape. The RED mud shield will need to be removed later in the install and this will prevent the threaded insert from being adjustable if needed. Make sure to set the threaded insert and RED mud shield to the proper depth before moving on to the next step. You ideally would like to have the RED mud shield level or flush with the drywall.

Figure 8.1 & 8.2: Use your drywall mud or joint compound (not included) and taping knife (not included) to spread a thin layer over the entire surface of the RDM platform, joints, tape and wall. Make sure to cover the whole RDM, joint tape and smooth out as best as possible. Once this dries, give it a light sand with your sand paper or pad (not included) and repeat these steps over and over until you have a nice, smooth, flush surface. You will eventually want to sand down until you see the RED dot (mud shield). This is a good stopping point, at least in this particular spot. Any other areas that need to be sanded down more, will be up to the contractor to determine if more mud or sanding is needed.

Figure 9: Once the mud is dry and you are done sanding, locate your prewire by finding the RED dot (mud shield) on the wall. Use your needle-nose pliers (not included) to remove the RED mud shield by inserting the pliers into the shield and turning counterclockwise and pulling out. Note that you may want to take care when removing the RED mud shield to prevent extending or retracting the threaded insert This is a good stage to fix any minor imperfections in the drywall mud. If you are planning on painting the wall or insert "D", please do so at this stage as well. Once that is complete you can go ahead and install insert "D" by snapping it into the threaded insert.



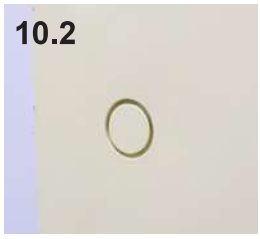


Figure 10.1 & 10.2: You are now ready to terminate your prewire if you haven't done so already and hook up your device/sensor. You can then insert the device/sensor into insert "D" and adjust as needed. Your install is now complete. Enjoy!