

Tech Bulletin 2010-005

Wall Mount Solution

Description

The wall mount slotted holes on the back on the IP120 and IP550 are not compatible with legacy telephony wall-mount wall-jacks. For this reason mounting these instruments to the wall for wall-phone use must be accomplished using alternative techniques. IPitomy has devised a wall-mounting method using standard hardware available at local hardware stores such that these telephones can be wall-mounted. In addition, IPitomy will soon offer this solution prefabricated for convenience. In the interim this guide can be used to fabricate the devised solution using these readily available parts.

Procedure

1. Obtain a heavy-gauge (18ga) electrical box mud-ring that is flat as pictured. The one pictured is a Raco® brand available at Home Depot®.
2. Obtain two self-tapping #10x32, pan-head machine screws (as pictured).
3. Using an 1/8th-inch drill bit, drill out the two holes typically used to secure the faceplate to the mud-ring.
4. Using the same drill bit, drill new holes in the mud-ring at the dimensions shown for the telephone model being mounted.
 - IP120 requires 780mm center-to-center
 - IP550 requires 880mm center-to-center
5. Install the two self-tapping #10 screws into the holes for the telephone being mounted.
6. Secure the modified bracket to the wall:
 - either use standard, counter-sink, box-faceplate screws (#6) and secure it to an existing box, OR
 - use Molly® bolts or other wall fastener to secure the plate to the wall surface.
7. Adjust the self-tapping screws in/out such that the telephone fits snug against the bracket when positioned over and onto the #10 self-tapping screws.
8. Make the necessary wiring connections—typically it is best to use a POE Ethernet Switch for wall-mounted telephones since it is not conducive to use the included power adapter—especially for the IP550.
9. Position the telephone wall-mount slotted-holes over the two #10 screws installed and slip it down over the screws to lock it in place.

