

**PP351/PP451
Roof Mount**

**Installation/
Operation Manual**

C263M (7/97)

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REVISION HISTORY

Manual #	Date	Comments
C263M	7/97	Original version.

1.0 GENERAL

1.1 IMPORTANT SAFEGUARDS AND WARNINGS

Prior to installation and use of this product, the following WARNINGS should be observed.

1. Installation and servicing should only be done by Qualified Service and Installation Personnel.
2. Installation shall be done in accordance with all local and national electrical and mechanical codes utilizing only approved materials.
3. Use only installation methods and materials capable of supporting four (4) times the maximum specified load.
4. Use stainless steel hardware to fasten the mount to outdoor surfaces.
5. To prevent damage from water leakage when installing a mount outdoors on a roof or wall, apply sealant around the bolt holes between the mount and mounting surface.

The product and/or manual may bear the following marks:



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Please thoroughly familiarize yourself with the information in this manual prior to installation and operation.

1.2 UNPACKING INSTRUCTIONS

Unpack and inspect all parts carefully.

The following parts are supplied:

- 1 PP350 or PP450 arm (includes end cap and clamp bracket with attached indexing bolts)
- 1 Mounting base
- 1 Installation/Operation Manual (C263M)

Be sure to save the shipping carton and any inserts. They are the safest material in which to make future shipments.

If an item appears to have been damaged in shipment, replace it properly in its carton and contact the factory at 1-800-289-9100 or 1-559-292-1981 for a replacement. (International customers fax 1-559-348-1120 for authorization and instructions.)

If an item needs to be returned to the factory for repair, consult the WARRANTY AND RETURN section of this manual for instructions.

1.3 RECOMMENDED TOOLS

Pelco does not supply basic tools needed for the installation process. The following tools are recommended:

Drill
Hand tools

2.0 DESCRIPTION

The PP351 Roof Mount has been engineered specifically for use with Pelco's Spectra™ pendant domes. The PP451 has been engineered specifically for use with Pelco's Intercept™ pendant domes. Both mounts, however, will accommodate any style dome enclosure that uses 1-1/2" NPT pipe for vertical surface mounting.

The arm on both mounts swivels, allowing the arm to swivel over the rooftop for installation and maintenance, and to swing away from the roof for surveillance.

The mounts will support a maximum of 45 lbs (20.41 kg).

2.1 MODELS

PP351	Roof mount with swivel arm for installation of Pelco's Spectra™ or equivalent size pendant domes.
PP451	Roof mount with swivel arm for installation of Pelco's Intercept™ or equivalent size pendant domes. Includes the same mounting base as the PP351, but has a larger arm (refer to Figure 1 for dimensions).

3.0 INSTALLATION



CAUTION: *Make sure that the installation method and fasteners can support up to four times the weight of the mount, dome, and camera.*

NOTE: *The cap in the end of the arm is removable to allow access to the pipe during installation.*

1. Drill holes in the roof for mounting the base, using the base as a template. It is recommended that you use a minimum of any three of the five possible holes on each side of the base.
2. Attach the mount to the roof with a minimum of eight (8) 3/8-16 type hardware (not supplied).

Rain water could leak through the holes for the mounting bolts and damage the roof.

To prevent water damage, seal the bolt holes with an appropriate sealant. Apply the sealant around the bolt holes between the mount and the roof.
3. Loosen the four 1/4-20 nuts that hold the U-shaped clamp bracket to the mounting base. It is not necessary to remove the two 3/8-16 bolts on the outside of the clamp bracket, but the bolts should be backed out enough so that they do not interfere with the arm when it is installed in the base.
4. Lower the arm down through the guide hoops in the mounting base until the arm stops at the bottom of mounting base.
5. Feed the wiring for the dome through the mount. Refer to the manual that comes with the dome for wiring requirements.
6. Attach the dome to the end of the mount.
7. Make all electrical connections. Refer to the manual that comes with the dome.
8. Swing the dome away from the roof into the position desired. Cinch down the four 1/4-20 nuts to tighten the clamp bracket against the arm.
9. Tighten the two 3/8-16 bolts on the outside of the clamp to index the pole, or drill into the pipe at the 3/8-16 locations to index the pole using the 3/8-16 bolts.

4.0 SPECIFICATIONS

MECHANICAL

Positioning Adjustment: Unlimited 360°

GENERAL

Suggested Mounting Method: Secure with a minimum of eight (8), 3/8" fasteners (not supplied) suitable for the mounting surface

Construction: Aluminum

Finish: Gray polyester powder coat

Environment: Indoor/outdoor

Maximum load: 45 lbs (20.41 kg)

Weight: Approximately 15 lbs (6.80 kg)

Dimensions: See Figure 1

(Design and product specifications subject to change without notice.)

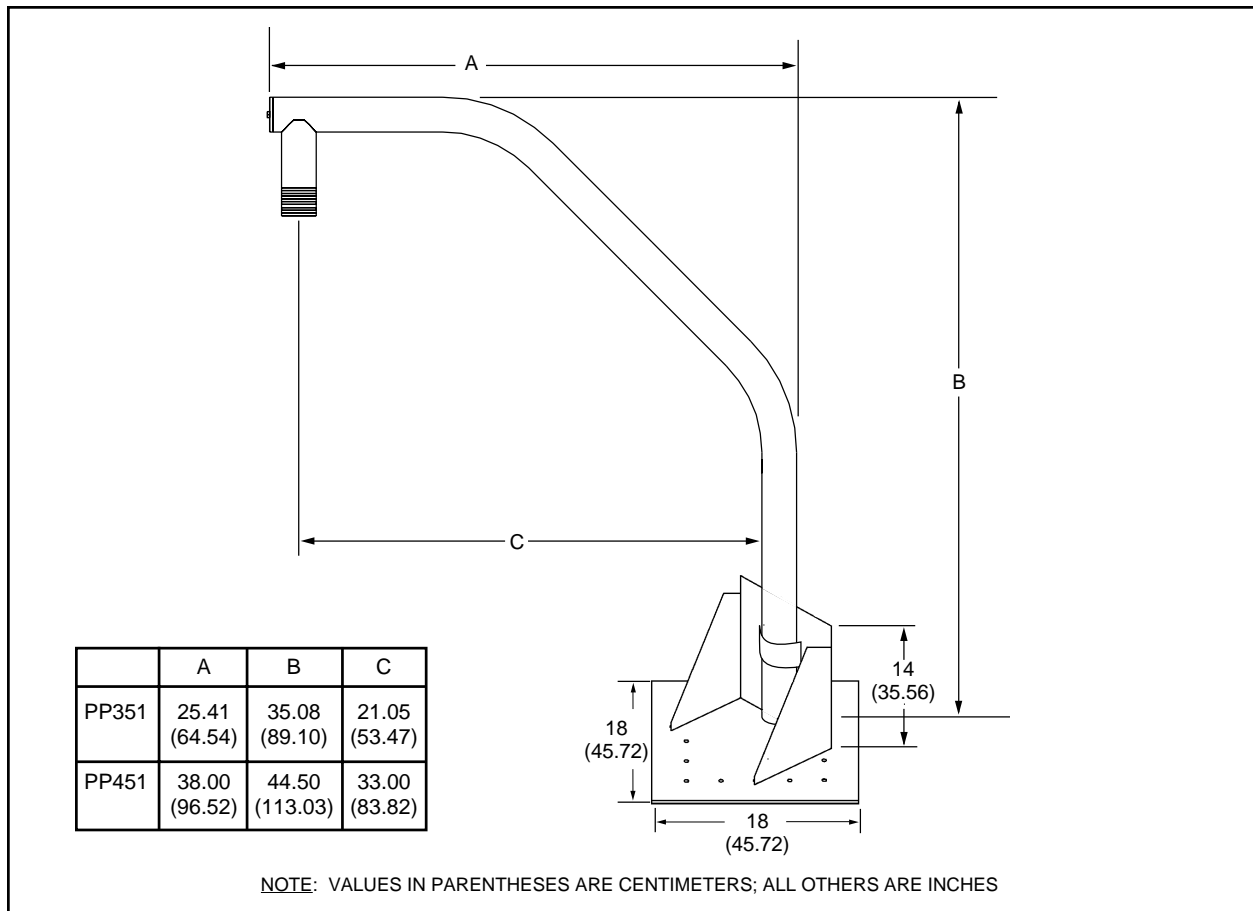


Figure 1. PP351/PP451 Dimension Drawing

5.0 WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship for a period of one year after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products.
- Three years on Genex® Series products (multiplexers, server, and keyboard).
- Three years on Camclosure® and fixed camera models, except the CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and CC3651H-2X camera models, which have a five-year warranty.
- Two years on standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM9700 Series matrix, and DF5/DF8 Series fixed dome products.
- Two years on Spectra®, Esprit®, ExSite™, and PS20 Scanners, including when used in continuous motion applications.
- Two years on Esprit® and WW5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders, NVR300 Series network video recorders, and Endura™ Series distributed network-based video products. months on DX Series digital video recorders, NVR300 Series network video recorders, Endura™ Series distributed network-based video products, and TW3000 Series twisted pair transmission products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:

Service Department
Pelco
3500 Pelco Way
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco
3500 Pelco Way
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors
473 Eccles Avenue
South San Francisco, CA 94080 USA
Phone: 650-737-1700
Fax: 650-737-0933

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