

INSTALLATION & SAFETY INSTRUCTIONS



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

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



REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

DANGER: ARM RECOIL HAZARD The safety

bracket to prevent the arm from springing open.

brake pin must remain in the SAFETY BRAKE PIN

HOLE whenever the television set is removed from the arm or when the arm is removed from the wall

THIS INSTALLATION SHOULD BE MADE BY A QUALIFIED SERVICE PERSON AND SHOULD CONFORM TO ALL LOCAL CODES. READ AND FOLLOW THE SAFETY INSTRUCTIONS BEFORE ATTEMPTING THIS INSTALLATION.

Note to CATV installer. This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry into the room as practical.



WARNING:OXYGEN ENVIRONMENT DO NOT use in an oxygen tent or oxygen chamber. Such use may cause a fire hazard.

WARNING: To avoid the hazards of fire or electric shock, DO NOT expose this TV to rain or moisture.

INSTALL ARM & TV

This Arm is specifically designed to support a 9" color TV. Use of the arm with any other size TV is NOT recommended.

- Place the arm's base pin into the wall bracket. The base pin should seat snug in the wall bracket.
- 2. Tighten the wall bracket pilfer screw if so equipped.
- 3. Open the nose cover and remove the retainer plate.
- Insert the TV swivel completely in the clevis. Reinstall the retainer plate. Replace the lock washer and nut, and tighten with a wrench.
- 5. The cable from the arm should be joined with the television cable, wrench tightened, and the connection covered by sliding the plastic boot sections into mating position.
- Position the cover in the front and line up the cover pin holes. Remove the safety brake pin from the parking brake hole and place it in the cover pin hole. Tighten nut on safety brake pin.
- Connect the coaxial cable at the base of the arm to the wall bracket "F" fitting. Wrench tighten.
- Cycle the arm once or twice to check for free movement – if stiff, a slight loosening of the single friction screw will free the movement. DO NOT LOOSEN MORE THAN 1/16 TURN.



PDI Communication Systems, Inc. 40 Greenwood Lane Springboro, Ohio 45066 USA PH +1-937-743-6010 FX +1-937-743-5664 Document Number: PDI-170-000 Rev 2



INSTALLATION & SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS



WARNING: This arm contains internal springs under tension. AN ARM RECOIL ACCIDENT HAZARD IS POSSIBLE. FOLLOW ALL SAFETY INSTRUCTIONS AT ALL TIMES.

CAUTION: ALWAYS put SAFETY BRAKE PIN In place before removing TV arm, or arm from wall.

- 1. Read Instructions Read all of the safety and operating instructions before you operate this television.
- 2. Keep Instructions Keep the safety and operating instructions for future reference.
- 3. Heed Warnings Adhere to all warnings on the appliance and in the operating instructions.
- 4. Follow Instructions Follow all operating and use instructions.
- 5. Cleaning and Disinfecting -Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning. Do not immerse in water.
- Attachments Do not use attachments not recommended by the manufacturer. They may be hazardous.
- Water and Moisture Do not use this apparatus near water for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc. Do not use this apparatus outdoors.
- 8. Accessories –Use this apparatus only with a mount recommended by the manufacturer, or sold with the apparatus. Any mounting of the apparatus should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.
- 9. Supply and Cart This apparatus is designed for permanent mounting. DO NOT use with a cart.
- Power Sources Connect this apparatus only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your health care facility, consult your dealer, facility maintenance, or local power company.
- 11. Grounding Do not defeat the safety purpose of the grounding.
- 12. Power Cord Protection Route power supply cords so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- 13. Outdoor Antenna Grounding If you connect an outside antenna or cable system to the apparatus, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to a natenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. (See Figure 1).
- 14. Power Lines Do not locate an outside antenna system near overhead power lines or other electric light or power circuit or where it can fall into such lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- 15. Servicing Do not attempt to service this apparatus yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.



CAUTION: Keep the SAFETY BRAKE PIN in place UNTIL arm is on wall mount and TV is in place. THEN, remove and use to secure cover plate.



To prevent fire or shock hazard, DO NOT EXPOSE this apparatus to rain or moisture.

- Damage Requiring Service Unplug this apparatus from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power-supply cord or plug is damaged or cut.
 - b. If liquid spills or objects fall into the apparatus.c. If the supply is exposed to rain or water.
 - If the apparatus does not operate normally by following the operating instructions. Adjust only
 those controls that are covered by the operating instructions. An improper adjustment of other
 controls may result in injury.
 - e. When the supply exhibits a distinct change in performance, this indicates a need for service.
- Replacement Parts When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer. Unauthorized substitutions may result in fire, electric shock or other hazards.
- Safety Check Upon completion of any service or repairs to this supply, ask the service technician to perform safety checks to determine that the supply is in proper operating condition.
- 19. Wall or Ceiling Mounting This apparatus should be mounted to a wall only as recommended by the manufacturer. Do not mount this apparatus to or in a ceiling.
- Periodic Maintenance This apparatus does require periodic maintenance including cleaning. Please refer to maintenance instructions.



ARM MAINTENANCE



Very little maintenance should be required for your PDI Arm to give years of trouble free service if the following lubrication and inspection procedures are followed.

- INSPECTION Occasionally check the base pin for any evidence of bending or distortion due to a
 patient using the ARM for assistance in getting in or out of bed or any other misuse. If the ARM is not
 mounted with the base pin absolutely vertical, it will have a tendency to drift and will not properly
 counter balance the television. Be certain that the wall the arm is mounted to is vertical. If the ARM
 shows any tendency to sag under the weight of the TV, if may be necessary to adjust the spring tension
 of the front or back sections. (Refer to Maintenance Manual)
- SPRING ADJUSTMENT See adjustment procedure in the full maintenance manual for your model arm.
- 3. LUBRICATION At least once a year a drop of light machine oil should be put on each pivot point in the nose, elbow, and base. DO NOT PUT OIL ON THE FRICTION DAMPER PADS!
- 4. REPLACEMENT OF COAX CABLE See cable replacement procedure in the full maintenance manual for your arm.
- TORQUE ADJUSTMENT OF PIVOT SCREWS All screws in the ARM are tightened securely, and loctited, at the factory and do not require specific checks with a torque wrench. IF THE THREADS ARE STRIPPED IN THE NOSE, ELBOW, OR BASE, THAT PART NEEDS REPLACEMENT – DISCONTINUE USE IMMEDIATELY.