



## WARNINGS



**CAUTION :** To reduce the risk of electric shock do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol is intended to alert the user of the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



### WET LOCATION

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.



### RAIN AND MOISTURE

**WARNING:** To avoid the hazards of fire or electrical shock, DO NOT expose this television to rain or moisture.



### OXYGEN ENVIRONMENT

**WARNING:** Do not use in any oxygen tent or oxygen chamber. Such use may cause a fire hazard.



### CLEANING AND DISINFECTION

Clean the exterior of this television by removing dust with a lint-free cloth. To avoid damage to the surface of the television, do not use abrasive or chemical cleaning agents. Do not immerse this TV. To avoid damage to the surface of the TV, test a small portion of the TV's cabinet with any new disinfectant to verify that the disinfectant does not discolor or soften the enclosure.

## PRODUCT ACCESSORIES

### (Not Included with TV)

AC Central Power Supply	PDI-772HE
Individual AC Power Supply	PDI-750A
Support Arm	PDI-508C-7PIL
Support Arm Wall Bracket	PDI-179C, PDI-178C
Programming Remote Control	PD108-420

### NOTE TO CABLE TV INSTALLER

This reminder is provided to call the cable TV systems installer's attention to Article 820-40 of the National Electrical Code. The code 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 the cable entry as practical.

### FCC

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### MAINTENANCE AND SERVICING

Never remove the back cover of the TV; this can expose you to high voltage and other hazards. If the TV does not operate properly, unplug it and call an authorized service center or PDI.

### DISCONNECTING DEVICE FROM MAINS

Main plug is the disconnecting device. The plug must remain readily operable.

### INSTALLATION INSTRUCTIONS

These servicing instructions are for use by qualified service personnel only and should conform to all local codes. Read and follow the safety instructions before attempting this installation. To reduce the risk of electric shock, do not perform any servicing other than contained in the operating instructions unless you are qualified to do so.

### PRODUCT MODIFICATION

Do not attempt to modify this product in any way without written authorization. Unauthorized modification could void the user's authority to operate this product.

### TRADEMARKS

All brand names and product names in this manual are trademarks, registered trademarks, or trade names of their respective holder. *PDI* and *Better Solutions Are Within Reach* are registered trademarks of PDI Communication systems, Inc., Springboro, Ohio. Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

## Important Safety Instructions

PLEASE READ AND KEEP THESE INSTRUCTIONS. OBSERVE ALL WARNINGS AND FOLLOW ALL INSTRUCTIONS CONTAINED IN THESE SAFETY INSTRUCTIONS AND THOSE ON YOUR TELEVISION. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

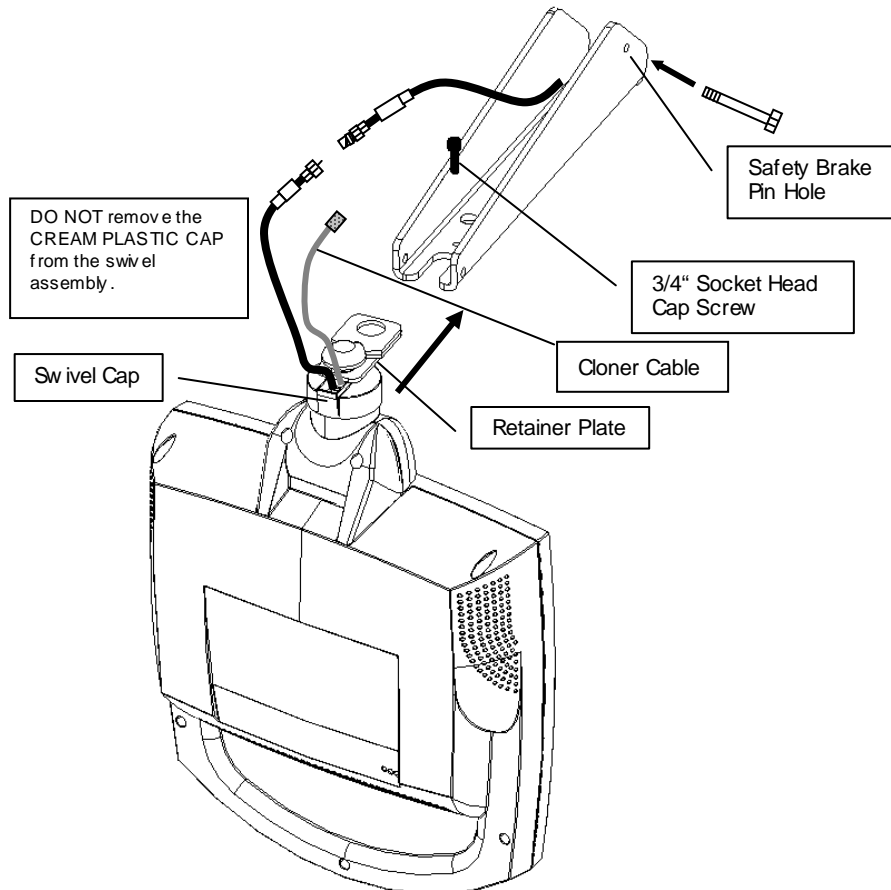
1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat source such as radiators, heat registers, stove, or other apparatus (including amplifiers) that produces heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long period of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



## Installing TV on Suspension Arm

The PDI-P10LCDD TV is designed to attach to a wall mounted suspension arm capable of supporting a television weighing 7 pounds. The single coax cable on top of the unit is used to supply both low voltage AC or DC power (range 18 to 32 volts) and the RF signal to the television.

1. Remove and save the 3/4" Socket Head Cap Screw from the plastic "H" clip attached to the TV's coax cable. Remove the plastic "H" clip and discard.
2. Remove the two nose cover retainer screws. Raise the metal nose cover (not shown) and slide the television completely into the arm's clevis (slot). The swivel retainer plate should rest inside the nose of the arm and the plastic swivel cap beneath.
3. Align the retainer plate's mounting hole over the arm mounting hole. Thread the 3/4" Socket Head Cap Screw through the retainer plate and into the arm's nose. Tighten.

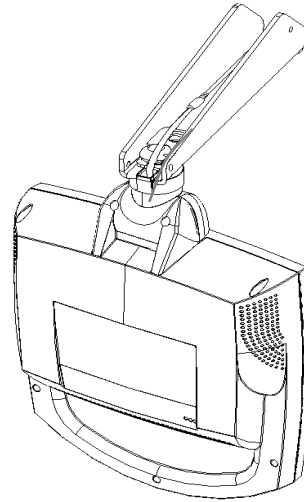


- The coax cable in the nose of the arm should be joined with the coax cable from the television. Wrench tighten the connection and cover by sliding the plastic boot sections into mating position. Lay the Cloner Cable inside the nose alongside the coax.



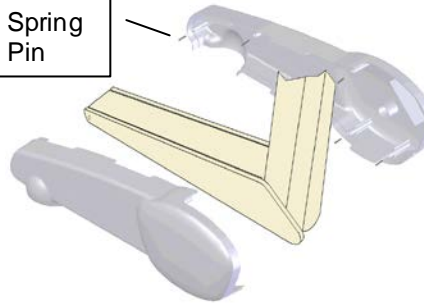
**IMPORTANT:** Finger only tightening of this cable connection will result in reliability problems weeks or months later. Because the TV draws its power current through this connection, eventually the finger-tightened connection will loosen, develop resistance and prompt a service call. Wrench tighten all "F" fitting connections!

- Remove the safety brake pin from the parking brake hole, reattach the acorn nut to the pin, and store the assembly inside the nose of the arm by attaching it to the coax cable using the attached plastic clip
- For **PDI-500** series arms remove the Safety Brake Pin from the Safety Brake Pin Hole, reattach the acorn nut to the pin, and store the assembly inside the nose of the arm by attaching it to the coax cable using the attached plastic clip. For **PDI-405** series arms remove the Safety Brake Pin from the Safety Brake Pin Hole and install thru rear mounting holes of the nose cover. Securely tighten. **DO NOT** store the pin inside the nose of PDI-405 series arms.
- Close the metal nose cover onto the nose. Reinstall the two nose cover retainer bolts.
- Some arm models are supplied with plastic cosmetic covers. Attach three sets of plastic arm covers (start with long "nose cover" section):



- Assemble supplied spring pins into one of the arm cover halves. Pins should be installed into one cover side only.
- Position the Arm Cover halves around the arm's nose section. Align exposed pins with the open holes in the second cover half.
- Squeeze the two halves together. When the halves are properly installed there should only be a thin seam visible where the halves meet.
- Repeat steps a, b, c for the elbow covers and base covers.

Spring Pin



- Connect the coax 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.

## Powering the TV

The PDI-P10LCDD is powered using low voltage along its coaxial cable from an external power supply. Two types of power supplies are available.

- INDIVIDUAL POWER SUPPLY** – This style mounts in the room inside the support arm wall bracket or on the wall near the support arm.
- CENTRAL POWER SUPPLY** – A centrally located power supply is usually located in a telephone or electrical closet on the hospital floor. A dedicated coaxial cable is routed to each bedside TV. When using a central power supply, cable selection is crucial. Due to long coax cable runs encountered in hospital installations, coax cable employing a solid copper center conductor and copper shield is required. Cable run lengths **MUST NOT** exceed 150 feet. Required coaxial cable numbers include Alpha 9804C (non-plenum), Belden 9248 (non-Plenum), West Penn 806 (non-Plenum), or West Penn 25806 (Plenum), which have been tested with coax-powered televisions.

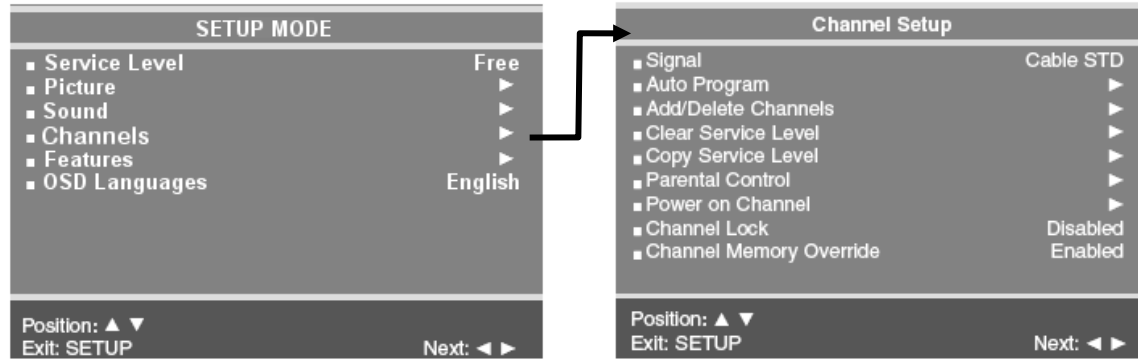
Please consult the appropriate power supply installation instructions for further details. The remainder of the instructions assume you have correctly installed the PDI-P10LCDD with appropriate coax power and signal.

## Programming the TV

**NOTE:** A programming remote control is required to perform all setup operations for the television. The programming remote (Part Number: PD108-420) is **NOT** packaged with the TV and must be ordered separately. The following instructions assume you have a programming remote, have correctly mounted the TV on the support arm, and connected an RF coax cable signal.

### Channel Setup

The TV offers three different programmable channel banks or Service Levels to program. Only one Service Level is usable at a time.



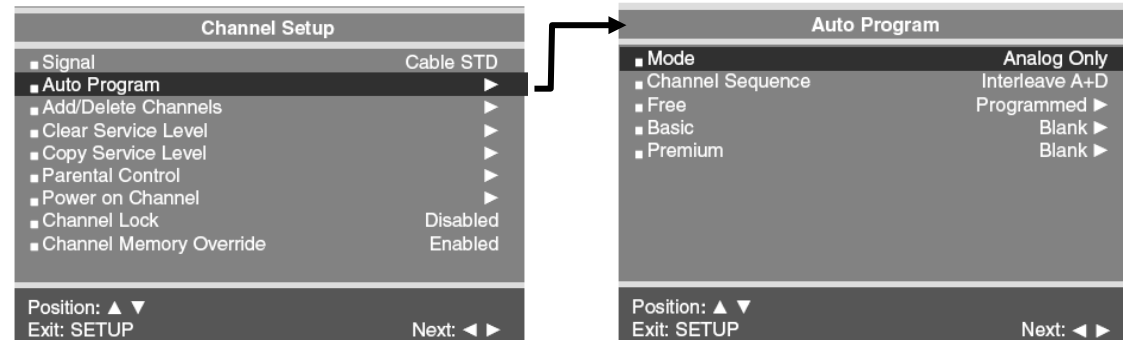
Four different tuning types are available depending upon the healthcare facilities' signal style.

Selection of the correct signal type is required for the TV to recognize all possible channels and before any channel programming can begin.

1. Press the SETUP button to display the SETUP MODE menu.
2. Press the CH▲ / CH▼ button to select Channels.
3. In the CHANNEL SETUP menu, press the CH▲ / CH▼ button to select Signal.
4. Press VOL◀ / VOL▶ to select Air, Cable STD, Cable IRC or Cable HRC. NOTE: Most hospitals use the Cable STD signal style.

### Auto Program

The TV automatically scans each available channel for activity. Channels that display activity are memorized into the selected Service Level.



1. From the AUTO PROGRAM menu, press the CH▲ / CH▼ button to select Mode.
2. Press VOL◀ / VOL▶ to set the scope of channel scanning.  
Analog Only: TV searches for analog channels only.  
Digital Only: TV searched for digital channels only.  
Analog and Digital: TV searches for both analog and digital channels.
3. Press the CH▲ / CH▼ button to select the Channel Sequence menu item.
4. Press VOL◀ / VOL▶ to set the Channel Sequence in which the channels are displayed after searching.  
Interleave A+D: In the order of channel number regardless of the system.  
All A then D: Digital channels are displayed after all analog channels.
5. Press the CH▲ / CH▼ button to select the Service Level you wish to program. The menu displays the current programming status of each level as either Programmed or Blank. NOTE: A Programmed service level can also be re-programmed if desired.
6. Press the VOL▶ button to start auto programming.
7. A confirmation menu will appear before proceeding. Press either the CH▲ to start auto programming. Press CH▼ button to cancel the operation. The TV will now search all available channels. Press the SETUP button to return to normal TV viewing.

### Additional Information

Additional information is available in the user manual. Please request document number: PD196-131.