

	CAUTION RISK OF ELECTRIC SHOCK, DO NOT OPEN!	
CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



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.



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



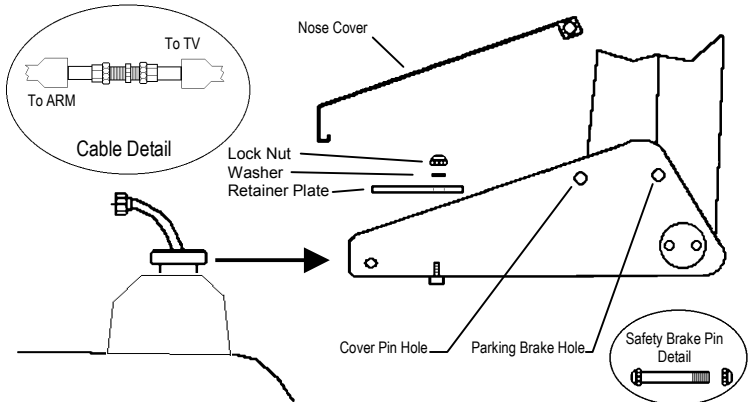
WARNING: To avoid the hazards of fire or electrical shock, DO NOT expose these appliances to rain or moisture.

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 as practical.

COAX CABLE SPECIFICATION WHEN USING A CENTRAL POWER SUPPLY: Due to long cable runs encountered in hospital installations, coaxial 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 line-powered televisions. USE OF ANY OTHER CABLE NUMBER IS NOT RECOMMENDED.


INSTALL TV ON SUSPENSION ARM




- Refer to the above figure. The suspension arm should already be installed in the wall bracket before proceeding.

 SAFETY BRAKE PIN MUST ALWAYS BE IN PARKING BRAKE HOLE WHEN NOSE COVER IS REMOVED TO INSTALL OR DISCONNECT TELEVISION SET.

- Remove the nose cover. Install safety brake pin in parking brake hole.
- The retainer plate must be removed to install the TV. Remove the lock nut and washer. Remove the retainer plate.
- Insert the TV swivel completely in the clevis. Reinstall the retainer plate. Replace the lock washer and nut then tighten with a wrench.
- The cable from the arm should be joined with the television, tightened, and the connection covered by sliding the plastic boot sections into mating position.

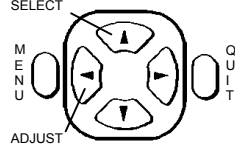
 A SAFETY BRAKE PIN MUST REMAIN IN SAFETY BRAKE HOLE WHENEVER TELEVISION SET IS REMOVED FROM ARM OR WHEN ARM IS REMOVED FROM WALL BRACKET TO PREVENT THE ARM FROM SPRINGING OPEN.

- Hook the cover in the front and line up the cover pinholes. Remove the safety brake pin from the parking brake hole and place it in the cover pin hole. Tighten nut on safety brake pin.
- This television should be powered by low voltage AC or DC.

 THIS TELEVISION FOR USE ONLY WITH UL LISTED POWER SUPPLY MARKED TO INDICATE USE WITH THIS TELEVISION.

OPERATING & PROGRAMMING

The PDI-Z9TV-G series color television can be powered via 28 volt AC or 24 volt DC. Contact PDI for compatible power supplies. All channel and picture adjustments are accomplished through the use of an infrared remote control. Use the PDI model 108-206 for basic programming (use the model PD108-209 for hospital bank switching programming). Four different banks of channels can be programmed into the television. Once programmed the channel banks are selected via a remote control with a BANK button.



- Turn the TV ON. You should notice a visible raster or picture on the TV's screen.
- Press the remote control's MENU button. Press the SELECT button to advance the cursor through the menu. Choose AUTO PROGRAM.
- Press ADJUST to start the search. The TV will now search through all available channels and place active channels into each of the TV's memory banks. **IMPORTANT** – AUTO PROGRAM always overwrites each of the channel memory banks making each bank identical.
- To edit individual channel banks, select the desired bank. Press the remote control's BANK button once to display the current channel bank. Press BANK a second time to advance to the next channel bank.
- Press the remote control's MENU button. The SETUP MENU will appear. Press the SELECT button to advance the cursor through the menu. Choose ADD/DEL/BLNK with the ADJUST button. Press CHANNEL up/down to advance through current memory to the offending channel. Press the ADJUST button to delete the offending channel.

PICTURE ADJUSTMENT

- Press the remote control's MENU button until the VIDEO MENU appears.
- Use SELECT and ADJUST accordingly for best picture.

TROUBLESHOOTING

Swivel Boot Deformed – The rubber boot may appear deformed due to shipping. Allow the boot to stretch to its normal shape. Usually a 48 hour period is required after the TV has been installed.

Dead or Intermittent TV – Check all connections. For central power supply installations, verify that the correct coax cable is being used. Check the *Coax Cable Specification* section above.

OPTIONS

PD 108-005C	Mono Earphone
PDI-Z9TV-G	Standard TV
PDI-Z9TV-GSD	Speaker Disconnect
PDI-Z9TV-GKL	Key Lock Enabled

PROGRAMMING THE PD108-206 REMOTE CONTROL



If the TV does not respond to the remote control, you must program the universal remote to generate IR signals that control the PDI hospital TV.

1. Manually turn ON the TV you would like to control.
2. Press and hold down the CODE SEARCH button on the remote until the remote's LED lights.
3. Press and release the TV button on the remote. The remote's LED light will blink and then remain lit.
4. Enter the 3-digit code **405** on the remote's number keypad. If properly entered, the LED will turn off. If the LED blinked rapidly when you entered the code you may have entered an invalid code.
5. Now, verify that the remote controls the TV.

CLONE PROGRAMMING

Cloning allows the easy duplication of a pre-programmed television. To use the clone feature you must have an IR remote control and also the Zenith LT-1500 clone programmer. Remove the plastic cover (two screws) to expose the MPI clone port located on the back of the television.

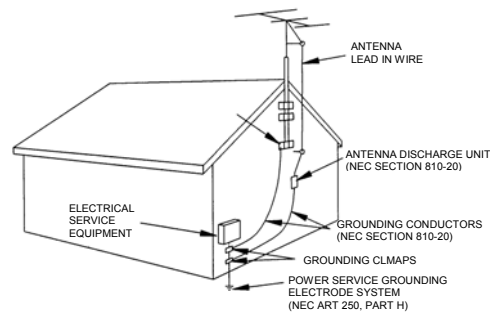
1. Plug the programmer into the MPI Port. Shortly, a menu will appear. Press any key to continue.
2. The Clone Selection Menu will appear. Select (1) LEARN FROM TV to copy the TV's channel memory information into the programmer. Or, select (2) TEACH TO TV if you wish to program a TV with the Clone Programmer's contents.
3. The Clone Programmer has four distinct memories, each containing four channel banks. Select the Memory you wish to learn to or teach from.
4. Press the POWER button to begin cloning.
5. Once programming is complete, replace the plastic cover on the back of the TV to prevent tampering.

IMPORTANT SAFETY INSTRUCTIONS

This TV has been manufactured and tested with your safety in mind. However, improper use can result in shock or fire hazards. Please read and observe the safety points when installing and using your new TV, and save them for future reference.

The model PDI-Z9TV-G series 9" Hospital Television is produced by Zenith Electronics Corporation and remanufactured by PDI Communication Systems, Inc. for use in a health care environment. This television is designed to mount on the 400 or 500 series suspension arm.

1. Do not use attachments not recommended by the manufacturer as they may result in the risk of fire, electrical shock, or injury to persons.
2. Unplug this television from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
3. Do not use this television near water – for example, near a bathtub, washbowl, sink, or laundry tub, or near a swimming pool, or the like. Do not use this television outdoors.
4. Do not place this television on an unstable cart, stand or table. This television may fall, causing serious injury to a child or adult, and serious damage to the equipment. Use only with a suspension arm recommended by the manufacturer, or sold with the television. Suspension arm mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.
5. Do not use this television with a cart.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to ensure reliable operation of the television and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the television on a bed, sofa, rug, or other similar surface. This television should not be placed in a built-enclosure.
7. Do not place this television inside an oxygen tent or oxygen chamber. Such use may cause a fire hazard.
8. This television should be operated 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 television dealer or local power company.
9. Follow all warnings and instructions marked on the television.
10. For added protection for this television during a lightning storm, or when it is left unattended an unused for long periods of time, unplug it from the wall outlet and disconnect the CATV cable. This will prevent damage to the equipment due to lightning and power-line surges.
11. An outside antenna system should not be located in the vicinity of power lines or other electric light or power circuits, or where it can fall into such power 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.
12. An outside antenna system should not be located in the vicinity of power lines or other electric light or power circuits, or where it can fall into such power 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.
13. Never push objects of any kind into this television receiver through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the television receiver.
14. Do not attempt to service this television receiver yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to PDI Communication Systems.
15. Unplug this television from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the coaxial cable emerging from the top of the television is damaged or cut.
 - b) If liquid has been spilled into the television.
 - c) If the television receiver does not operate normally by following the operating instructions, as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the television receiver to normal operation.
16. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or injury to persons.
17. Upon completion of any service or repairs to this television receiver, ask the service technician to perform routine safety checks to determine that the television is in safe operating condition.



NEC – NATIONAL ELECTRICAL CODE