







## **PDi LED Televisions**


### **Model Numbers**


PDI-ELED-NK TVs


Document Number: PD196-353R3


	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.

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

 **Overhead Falling Hazard**  
TV can pose a striking hazard when mounted at an elevated position. Use only PDi mounting brackets, support arms, and appropriate hardware to assure TV will not fall from the mounted position. Failure to do so may cause injury or death.

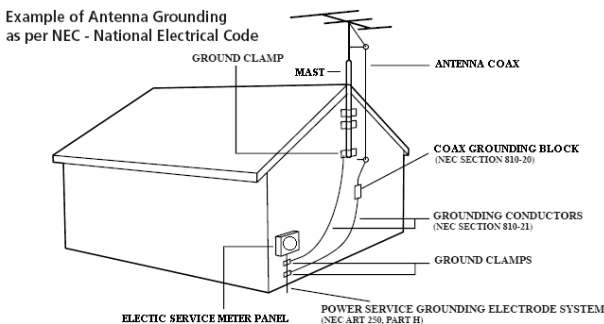
 **Rain and Moisture**  
WARNING: To avoid the hazards of fire or electrical shock, DO NOT expose this television to rain or moisture.

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

 **Wet Location**  
Do not use this television near water. Television shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the television.

**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. Canadian installations shall be properly grounded in accordance with the Canadian Electrical Code, Part 1.



**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 residential or commercial installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Cleaning and Disinfection**

Clean the exterior of this television by removing dust with a lint-free cloth. Suggested cleaning agent is 5% Bleach and Water solution. CAUTION: To avoid damage to the surface of the television, do not use abrasive or chemical cleaning agents. Spot test a new disinfectant by test cleaning a non-obvious small spot on the TV's back cabinet, keypad, and LED panel. Allow the disinfectant to soak per its instructions and then wipe clean. Do not use the disinfectant if the TV's surfaces show any sign of discoloration or softening. Do not immerse this TV.

**Disconnecting Device from Mains**

The main plug or an appliance coupler is used as the disconnecting device, the disconnect device shall remain readily operable.

**Trademarks**

Manufactured under license from Dolby Laboratories, Dolby and the double-D symbol are trademarks of Dolby Laboratories. All other brand names and product names used in this manual are trademarks, registered trademarks, or trade names of their respective holder. "PDi" is a registered trademark of PDi Communication Systems, Inc. All rights reserved.


**Underwriters Laboratories**



The models E24LED, E29LED, E32LED, E42LED, E43LED and E50LED Hospital Grade TVs are a specialized LED TV and should be installed to National Electrical Code specifications. This device is safety tested and listed by the Underwriters Laboratories as a product suitable for use in health-care facilities in both the United States and Canada.




## IMPORTANT SAFETY INSTRUCTIONS

**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.**

1. Read these Instructions – All the safety and operating instructions should be read before the product is operated.
2. Keep these Instructions – The safety and operating instructions should be retained for future reference.
3. Heed all warnings – All warnings on the product and in the operating instructions should be adhered to.
4. Follow all instructions – All warnings on the product and in the operating instructions should be followed.
5. Do not use this apparatus near water – for example, near a bath tub, wash bowl, in a wet basement; or near a swimming pool; and the like.
6. Clean only with dry cloth. Do not use liquid cleaners or aerosol cleaners.
7. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. DO NOT defeat the safety purpose of the polarized or grounding-type plug. This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your 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 product.
11. Attachments – 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 periods 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.
15. Power Sources – This product 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 supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
16. Oxygen Environment – Do not use in an oxygen tent or oxygen chamber. Such use may cause a fire hazard.
17. Lightning – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
18. Servicing – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

	Ce symbole indique qu'une tension dangereuse constituant un risque de choc électrique est présente dans cet appareil.
	Ce symbole indique qu'il existe des instructions d'utilisation et d'entretien importantes dans la documentation accompagnant cet appareil.

	<b>AVERTISSEMENT</b>	
RISQUE DE CHOC ELECTRIQUE, NE PAS OUVRIR!		
AVERTISSEMENT: AFIN DE REDUIRE LE RISQUE DE CHOC ELECTRIQUE, NE PAS RETIRER LE COUVERCLE. L'APPAREIL NE CONTIENT AUCUN COMPOSANT SUSCEPTIBLE D'ETRE REPARÉ PAR L'UTILISATEUR. CONFIER L'ENTRETIEN A DU PERSONNEL QUALIFIE		



**Danger chute d'objets**

**AVERTISSEMENT:** Afin d'éviter toute blessure, cet appareil doit être solidement fixé au sol/mur conformément aux instructions d'installation. Les télévisions peuvent présenter un risque de heurt lorsqu'elles sont montées en position élevée. Utiliser uniquement des supports de montage, des bras de support et le matériel approprié de PDi afin d'assurer que la télévision ne tombe pas de sa position de montage. Le non-respect de ces instructions peut causer des blessures ou la mort.



**Pluie et humidité**

**AVERTISSEMENT:** Afin d'éviter les risques d'incendie ou de choc électrique, NE PAS exposer cette télévision à la pluie ou à l'humidité ou l'utiliser dans un endroit humide.



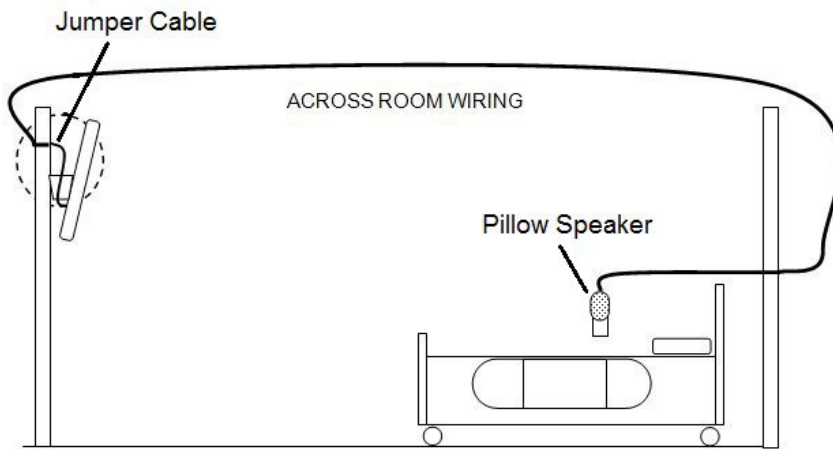
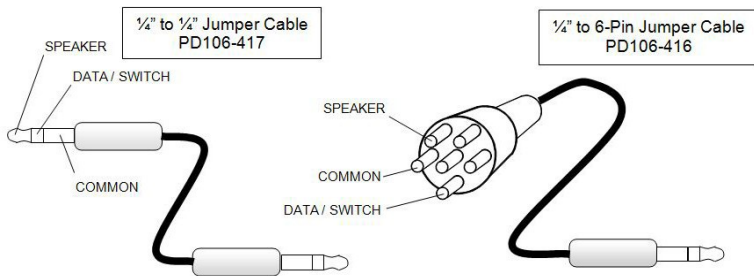
**Environnement d'oxygène**

**AVERTISSEMENT:** Ne pas utiliser dans une tente à oxygène ou chambre à oxygène. Une telle utilisation peut causer un risque d'incendie.

### Contact PDi for instructions on TV mounting options.

### Across-Room Wiring

**NOTE:** A jumper Cable is NOT supplied with the TV and must be ordered separately.



Pillow Speaker Switch →



### Pillow Speaker

A 1/4" stereo-style pillow speaker (pendant control) jack is located on the TV's connector panel on the back side. This TV is designed to work with either a digital pillow speaker that generates digital-style control codes or a single-button analog (switch-style) pillow speaker. A rear panel mounted switch allows use of different brands of pillow speakers and supports the major brands: Zenith, Philips, and RCA.



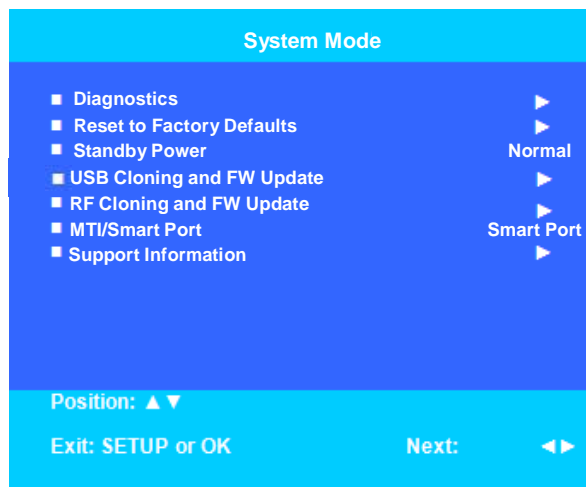
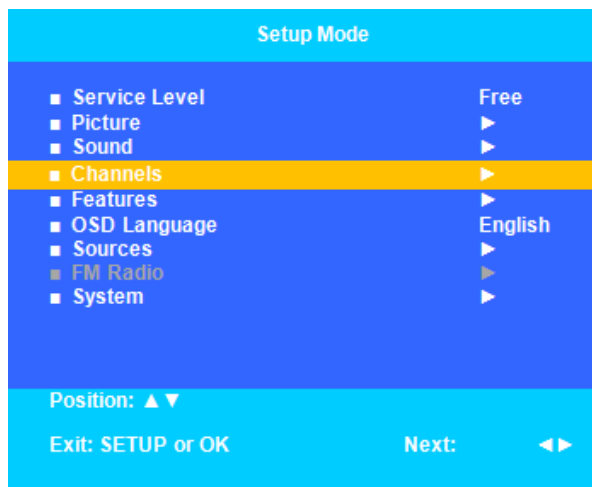
**CAUTION:** Confirm the pillow speaker type and set the side switch appropriately **BEFORE** connecting the pillow speaker to the TV. Failure to follow this procedure could result in damage to the pillow speaker and/or TV.



### TV Setting

The power setting default of the TV is low. The power setting should be set to normal. The following instructions show how to change the factory default power setting.

1. Press the SETUP button to display the SETUP MODE menu.
2. Press the CH▲ /CH▼ to highlight SYSTEM
3. Press the VOL▶ to enter the menu and select Standby power
4. Press the VOL▶ to change the setting to Normal

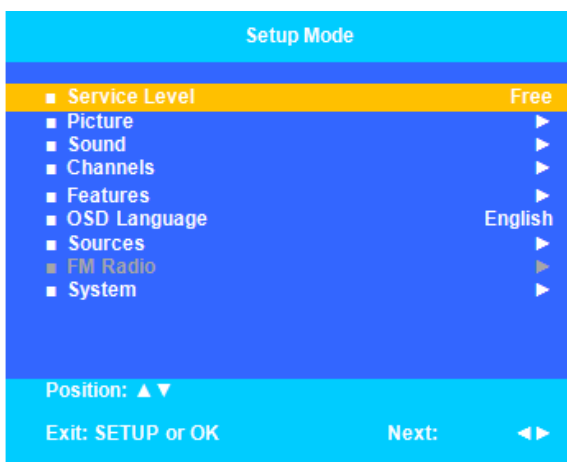


### PROGRAMMING

**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, and connected a coax cable that provides an RF signal.

#### Channel Setup

This TV offers four separate programmable service levels: Disabled, Free, Basic, and Premium. The current service level can be quickly determined by accessing the SETUP menu using the remote control. Service level can be changed to any of the four levels at any time by entering the SETUP menu and changing the Service Level setting.



**DISABLED** – This is like a mechanical key lock. The TV can be turned OFF and ON, but cannot be used for viewing programs. A standard message appears on a black screen.

**FREE** – This lets patients watch hospital education and information channels without renting the TV. The channels containing programming for no charge are typically programmed into this level of service. This is the factory default setting for Service Level.

**BASIC** – This service typically allows additional channels beyond those offered in the FREE level.

**PREMIUM** – This is the highest service level with typically the most channels available for viewing.



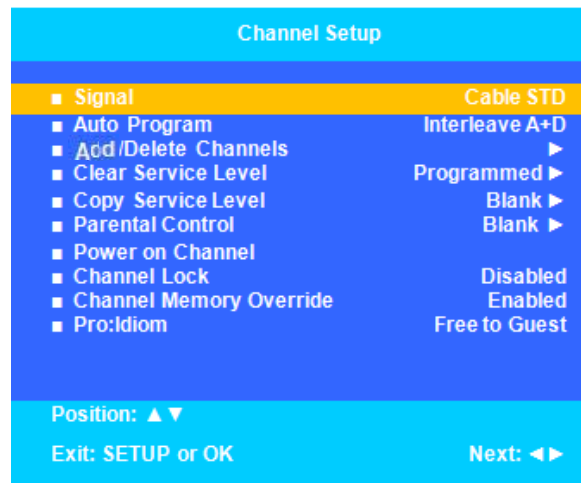
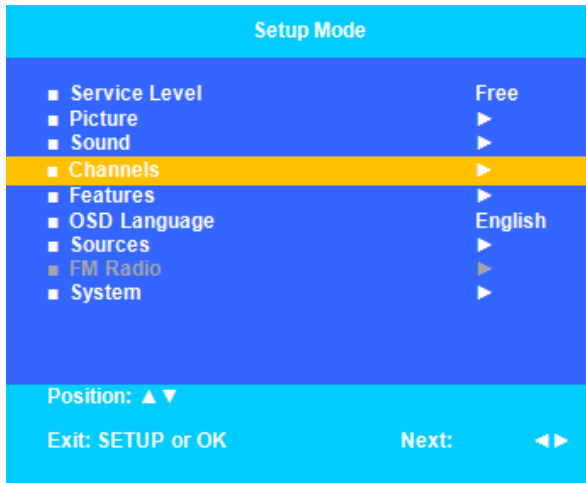


**Signal**

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 before any channel programming can begin.

1. Press the SETUP button to display the SETUP MODE menu.
2. Press the VOL▶ to select desired service level. (Free, Basic, Premium)
3. Press the CH▲ /CH▼ to highlight CHANNEL menu
4. Press the VOL▶ to enter the menu and select Air, Cable STD, Cable IRC or Cable HRC.

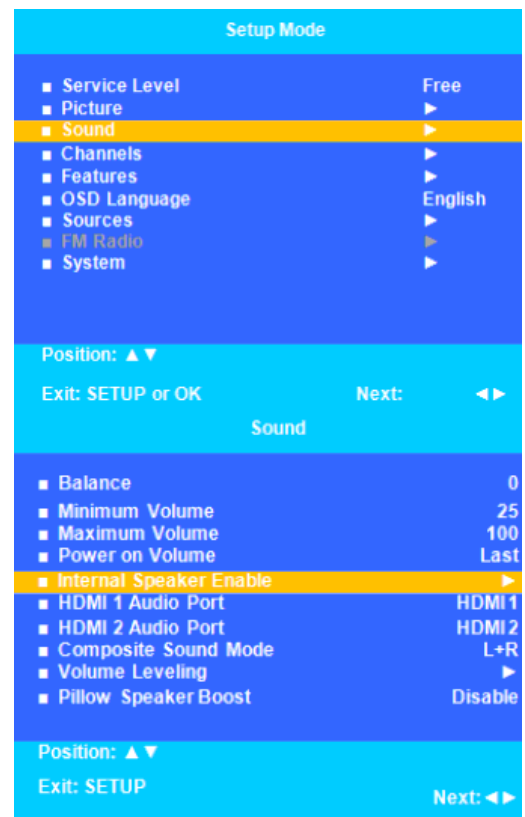
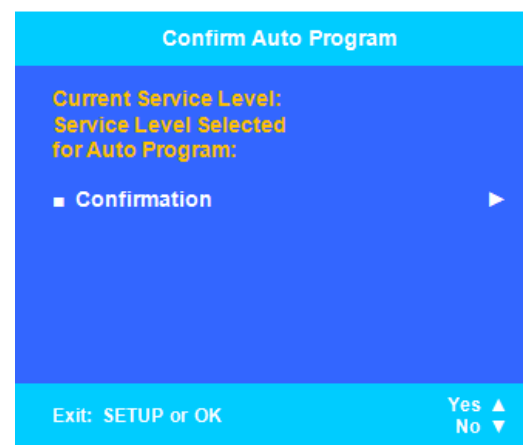
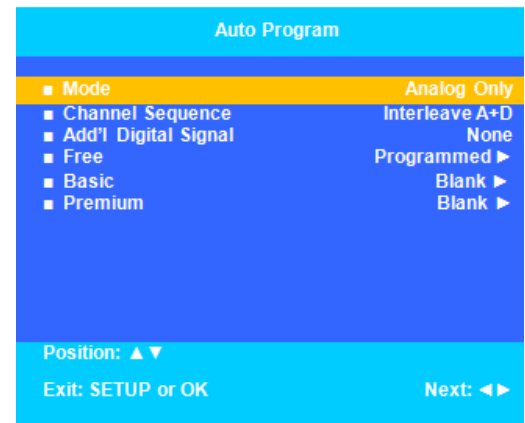
**NOTE:** Most hospitals use the Cable STD signal style.



## 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 Channels menu, select Auto Program
2. In the Auto Program menu, press the VOL ► button to select Mode.
3. Press VOL ► to set the scope of channel scanning.  
Analog Only: TV searches for analog channels only.  
Digital Only: TV searches for digital channels only.  
Analog and Digital: TV searches for both analog and digital channels.
4. Press the CH ▼ button to select the Channel Sequence menu item.
5. Press ◀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.
6. 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. Press the VOL ► to choose the service level. **NOTE:** A Programmed service level can also be reprogrammed if desired.
7. A confirmation menu will appear before proceeding. Press CH▲ to select YES and start auto programming. The TV will now search all available channels with an on-screen progress percentage displayed. Once complete, press the SETUP button to return to normal TV viewing.  
**NOTE:** Any tuning mode that includes Digital channels will require several minutes to complete the auto programming.



## SOUND PROGRAMMING

The TV's internal speakers can be disabled requiring the use of a pillow speaker for private listening.

### Internal Speaker Enable

The speakers inside the TV's cabinet can be Enabled (turned ON) or Disabled (turned OFF).

1. In the Setup/Sound menu, press CH▲/CH▼ button to select the Internal Speaker Enable menu item.
2. Press VOL◀/VOL► to activate the menu item.
3. Press the CH▲/CH▼ button to select the desired Sources.
4. Press VOL◀/VOL► to alternately select Disabled or Enabled to turn OFF or ON the TV's internal speakers.
5. Press the SETUP button to return to the preceding menu.

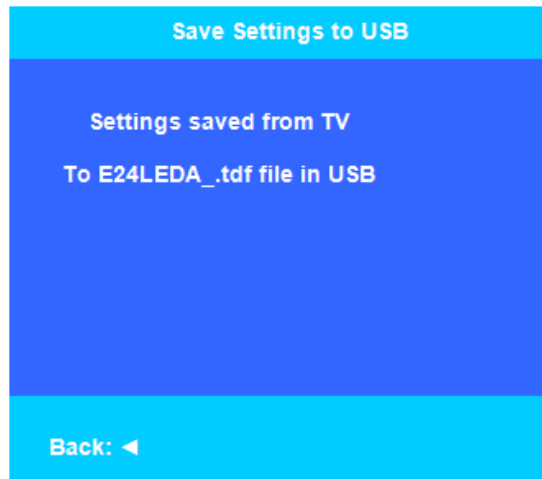
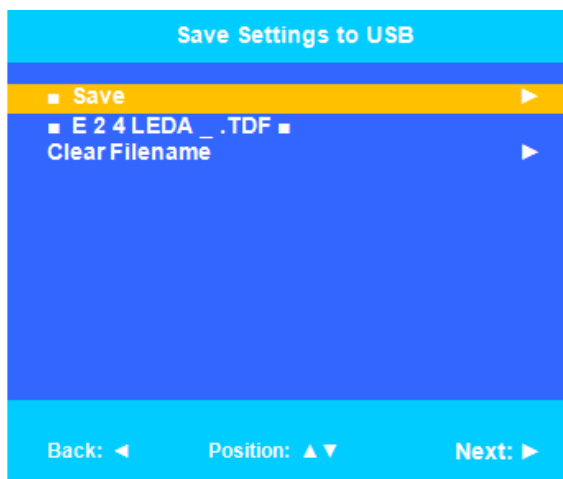


**CLONING**

Cloning allows quick programming of a TV from a USB memory stick (Thumb Drive). Clone operation involves first downloading setup information from a programmed host TV to a Thumb Drive and then uploading the setup information to another TV. One USB thumb drive can be used to program an entire hospital of televisions.

**Save Settings to USB**

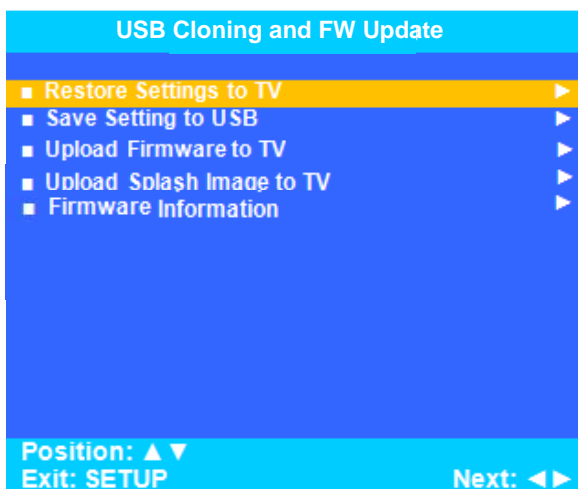
1. Turn on the TV
2. Insert a blank USB thumb drive into the USB port. A Cloning Main Menu will appear on the TV screen.
3. Press CH▲ or CH▼ to highlight Save Settings to USB.
4. Press VOL▶ to display the Save Settings to USB menu.



\*File name is reference only\*

**Restore Settings to TV**

1. Insert thumb drive that contains the saved settings into the TV port.
2. Press CH▲ or CH▼ to highlight Restore Settings to TV.
3. Press VOL▶ to display a list of previously stored TV setups on the USB thumb drive.
4. Press CH▲ or CH▼ to highlight desired setup file.
5. Press VOL▶ to select it.
6. A confirmation screen will appear Press CH▲ to restore the selected setup file or press VOL◀ to return to the previous menu without restoring. A progress screen will appear as the settings are restored.
7. The TV will return to the Cloning Main Menu after restoring is complete
8. Remove the USB thumb drive.



\*File name is reference only\*

\*To exit cloning menu, you must remove the thumb drive.





**Product Accessories****(Not Included with TV)**

Programming/Patient Remote  
¼ TO 6 pin jumper cable  
¼ to ¼ jumper cable

PD108-420  
PD106-416  
PD106-417

**Additional Information**

Additional information is available in the user manuals for the ELED TVs. Please visit the company web site or contact PDi.

PDi Communication Systems, Inc.  
40 Greenwood Lane  
Springboro, Ohio 45066

WEB: <http://www.pdiarm.com>

PH: 800-628-9870

