




**Persona<sup>®</sup> P14W**  
Arm-Mounted, Healthcare-Grade LCD HDTV


Model: PDI-P14W

Document Number: PD196-220R5

 <small>Communication Systems, Inc.</small> <i>Your Source for Healthcare and  Wellness Infotainment™</i>	MODEL NUMBER: <b>Persona® P14W LCD HDTV</b>	Document Number: PD196-220R5
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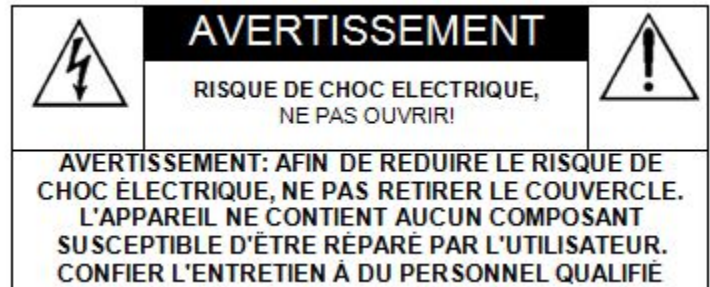
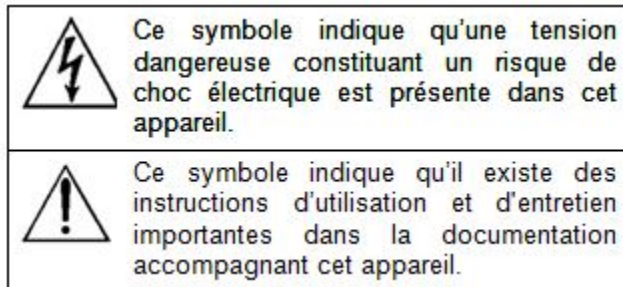
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## IMPORTANT SAFETY INSTRUCTIONS

**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.
2. Keep these instructions.
3. Heed all warnings
4. Follow all instructions.
5. **DO NOT** use this TV near water. TV SHALL NOT be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the TV.
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, stoves, or other apparatus that product 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 is 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 it exits 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 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. **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.
16. **DO NOT** use in an oxygen tent or oxygen chamber. Such use may cause a fire hazard.



## CONSIGNES DE SÉCURITÉ IMPORTANTES

**CETTE INSTALLATION DOIT ÊTRE EFFECTUÉE PAR UN TECHNICIEN QUALIFIÉ ET DOIT ÊTRE CONFORME À TOUS LES CODES LOCAUX. LIRE ET SUIVRE LES CONSIGNES DE SÉCURITÉ AVANT DE PROCÉDER À L'INSTALLATION.**

1. Lire ces instructions.
2. Conserver ces instructions.
3. Respecter tous les avertissements.
4. Suivre toutes les instructions.
5. Ne pas utiliser cet appareil près de l'eau - par exemple près d'une baignoire, d'un lavabo, dans un sous-sol humide, ou près d'une piscine ou similaire.
6. Nettoyer avec un chiffon sec. Ne pas utiliser de nettoyeurs liquides ou en aérosol.
7. Ne pas obstruer les ouvertures de ventilation. Installer conformément aux instructions du fabricant. Les ouvertures ne doivent jamais être obstruées en plaçant le produit sur un lit, un canapé, un tapis ou toute autre surface similaire.
8. NE PAS installer près de sources de chaleur telles que radiateurs, registres de chaleur, poêles ou tout autre appareil (y compris les amplificateurs) qui produit de la chaleur.
9. NE PAS neutraliser le dispositif de sécurité de la fiche polarisée ou de terre. Ce produit est équipé d'une prise de terre à trois fils, une fiche ayant une troisième broche (mise à la terre). Cette fiche ne peut s'insérer que dans une prise de courant avec mise à la terre. Il s'agit d'une caractéristique de sécurité. Si vous êtes incapable d'insérer la fiche dans la prise, contacter votre électricien pour remplacer votre prise obsolète.
10. Protéger le cordon d'alimentation pour qu'il ne soit pas piétiné ni pincé, en particulier au niveau des fiches, des prises de courant et au point de sortie de l'appareil.
11. Accessoires - Utiliser uniquement les attaches/accessoires recommandés par le fabricant.
12. Utiliser uniquement avec un chariot, stand, trépied, support ou table recommandé par le fabricant ou vendu avec l'appareil. Lorsqu'un chariot est utilisé, faire attention lors du déplacement de l'ensemble chariot/appareil afin d'éviter des blessures en cas de basculement.
13. Débrancher cet appareil en cas d'orages ou lorsqu'il reste inutilisé pendant de longues périodes.
14. Confier toute réparation à un personnel de service qualifié. Des réparations sont nécessaires si l'appareil est endommagé d'une façon quelconque, par exemple : cordon ou prise d'alimentation endommagé, liquide renversé ou des objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité, ne fonctionne pas normalement ou s'il est tombé.
15. Sources d'alimentation - Ce produit doit être utilisé uniquement à partir du type de source d'alimentation indiqué sur l'étiquette. Si vous n'êtes pas sûr sur le type d'alimentation de votre domicile, consultez le détaillant de votre produit ou la compagnie d'électricité locale. Pour les produits proposés de fonctionner par piles, ou autres sources d'alimentation, reportez-vous aux consignes d'utilisation.
16. Environnement d'oxygène - Ne pas utiliser sous une tente à oxygène ou chambre à oxygène. Une telle utilisation peut causer un risque d'incendie.

## Copyright, Disclaimer, and Trademarks

### Copyright

PDi Communication Systems, Inc. claims proprietary right to the material disclosed in this user manual. This manual is issued for user information only and may not be used to manufacture anything shown herein. Copyright 2014 by PDi Communication Systems, Inc. All rights reserved.

### Disclaimer

The author and publisher have used their best efforts in preparing this manual. PDi Communication Systems, Inc. makes no representation or warranties with respect to the accuracy or completeness of the contents of this manual and specifically disclaims any implied warranties or merchantability or fitness for any particular purpose and shall in no event be liable for any loss of profit or any other damages. The information contained herein is believed accurate, but is not warranted, and is subject to change without notice or obligation.

### 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 trademarks of PDi Communication Systems, Inc., Springboro, Ohio.

### Regulatory Information

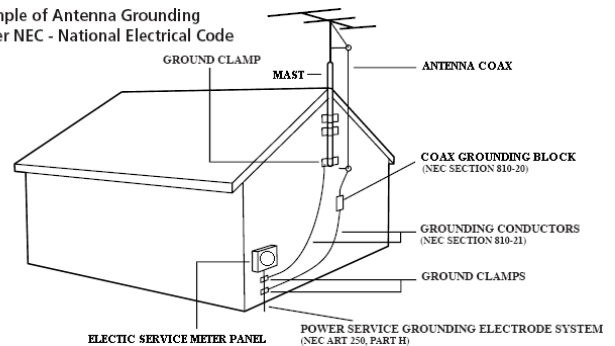
#### FCC

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.

**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.

Example of Antenna Grounding  
as per NEC - National Electrical Code



### Underwriters Laboratories

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.



## INSTALLING TELEVISION

### Installation Precautions

1. Use only a power source from a CSA Certified / UL Approved Class 2 Power Supply suitable for use in a Health Care Facility. This TV will operate on either DC or AC voltage, range 18 to 32 volts.
2. Arm Recoil Hazard: The safety brake pin must remain in the SAFETY BRAKE PIN HOLE whenever the television is removed from the arm or when the arm is removed from the wall bracket to prevent the arm from springing open.

### Coax Cable Specifications

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 TVs.









### Arm Mounting

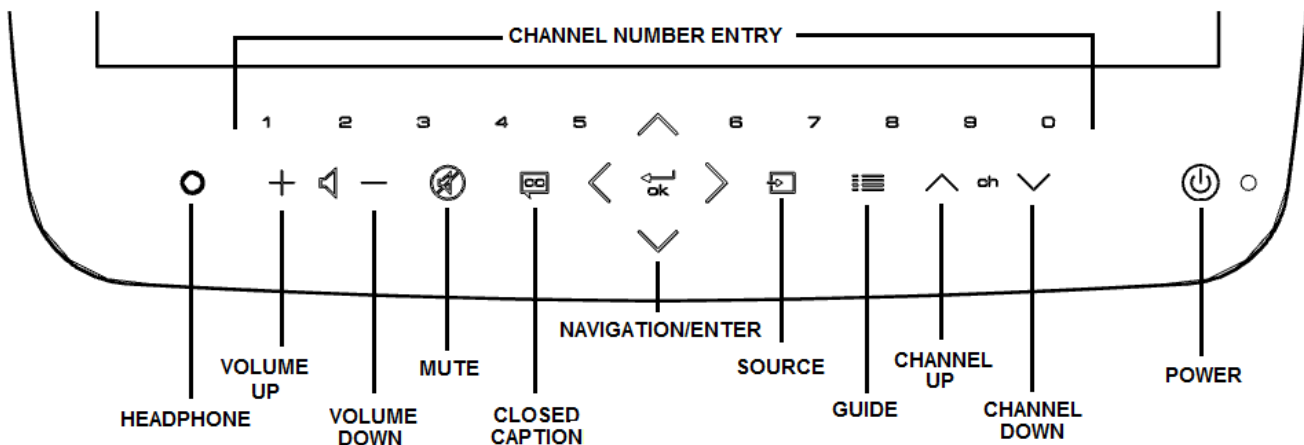
This television is designed to attach to a wall mounted suspension arm adjusted to support a television weighing seven pounds. The single coaxial cable on top of the TV is used to supply low voltage AC or DC power (28VAC or 24VDC) and the RF signal to the television.

**Note:** Contact PDi for additional information on arm compatibility and cable requirements.

## DIRECT ENTRY KEYPAD

You can use the glass keypad to choose power, source, channel, volume, and guide. The navigational arrows used in EPG mode will guide you to your choice.

- |                                                                                                                                                                                    |                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 1. Channel Number                                                                                                                                                                  | Direct entry of desired channel                           |
| 2. Headphone                                                                                                                                                                       | Plug for listening to device                              |
| 3. Volume (+) (-)                                                                                                                                                                  | Increase or decrease sound                                |
| 4. Mute                                                                                         | Silence the audio                                         |
| 5. Closed Caption                                                                               | Allows the display of Closed Caption                      |
| 6.  Enter                                                                                       | OK/Enter to choose items                                  |
| 7.  Source                                                                                      | Select a desired source of input                          |
| 8.  Guide                                                                                       | Displays programs, last 5 channels, and available sources |
| 9. Channel   | Select higher or lower numbered channels                  |
| 10. Power                                                                                       | Turns the device on and off                               |




**Source**


Choose desired function of the device by touching the *Source* Icon on the keypad until the desired source is displayed: TV, Auxiliary inputs, Android, or USB Media.

**TV Mode**

See *Programming Menus and Setup* instructions on following page.

**Channel Entry**

To directly enter the desired channel, touch channel numbers and *Enter* . The directional arrow up functions as the dash for channel entry.


Choosing *Enter*  again will give you the channel information such as:

- **Channel number**
- **Title**
- **Resolution**
- **Signal standard that is used (NTSC, QAM, ATSC)**


**Guide**

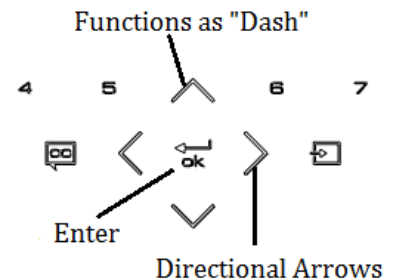
Touching the *Guide* icon will access:

- **Channel List**
- **Channel History**
- **Source**

From this menu, using the CH  $\wedge$   $\vee$  will search programmed channels and upon touching *Enter* , will access the chosen channel.

Using the directional  $\wedge$  and  $\vee$  arrows will scroll to History and Source functions. Using  $<$  and  $>$  directional arrows will let you choose a recently watched channel in the History list or choose another source in the Source list.

Touching *Enter*  will take you to that channel in the *History* list or select another source in the *Source* list.





### PROGRAMMING MENUS AND SETUP

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 both power and RF signal.

#### SERVICE LEVEL

This TV offers a disable and three different programmable Service Levels: Free, Basic, and Premium. Only one Service Level is usable at a time.

**Disabled** is like a mechanical key lock – when in *Disabled* service level, the TV can be turned OFF and ON, but cannot be used for viewing. A standard message appears on a black screen.

**Free** 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** service typically allows additional channels beyond those offered in the FREE level.

**Premium** is the highest Service Level with typically the most channels available for viewing.



1. Press the SETUP button to display the SETUP MODE menu.
2. Press the VOL▶ to disable or select desired service level. (Free, Basic, Premium)

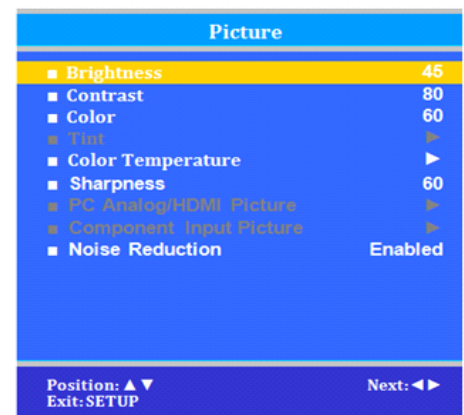
#### PICTURE

Adjustment of picture Brightness, Contrast, Color, Tint, Color Temperature and Sharpness is available to customize the levels you prefer using the on-screen menus.

#### Brightness, Contrast, Color, Tint, and Sharpness

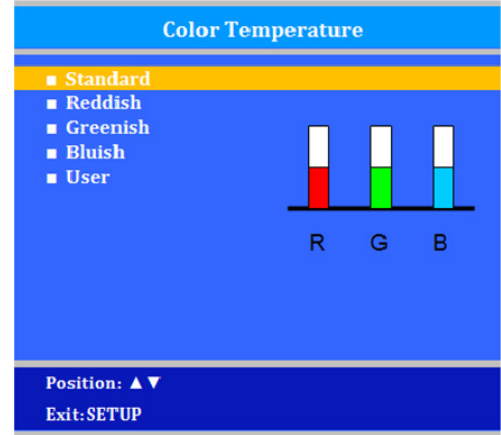
These settings have a range of 1-100. To change one of them, simply change the number by following this process.

1. Press the SETUP button to display the SETUP MODE menu.
2. Select the Picture menu item.
3. Press the CH▲ / CH▼ buttons to highlight the desired picture item – *Brightness, Contrast, Color, Color Temperature, Sharpness, and Noise Reduction.*
4. Adjust the picture item using the VOL▲ / VOL▼ buttons to the desired level.
5. Press the SETUP button to store the picture values.



### Color Temperature

The color temperature menu adjusts the color balance of the picture. “Standard”, “Reddish”, “Greenish”, “Bluish” color temperatures are available for selection; however the individual colors are not adjustable. The “USER” setting allows individual adjustment of each of the TV’s primary colors. The color temperature setting is best set using a calibrated signal source capable of generating a test signal containing both pure white and pure black picture components.



1. Enter the Picture menu
2. Press CH▲ / CH▼ to highlight *Color Temperature*.
3. Press VOL▶ to enter it.
4. Press CH▲ / CH▼ to see the individual settings.
5. On User, press VOL◀ / VOL▶ to highlight R,G, or B or to get out of the customized adjustments.
6. Press CH▲ / CH▼ to adjust R,G, or B

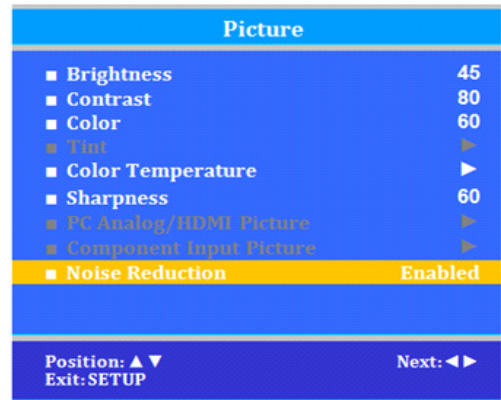
**NOTE:** When you select one of the three colors to adjust, the other two will turn grey.

7. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.

### Noise Reduction

Additional picture improvement may be achieved by enabling the Noise Reduction function found in the Picture menu.

1. Press the SETUP button to display the SETUP MODE menu.
2. Select the *Picture* menu item.
3. Press the CH▲ / CH▼ buttons to highlight the Noise Reduction.
4. Use the VOL◀ / VOL▶ buttons to alternate, Enable or Disable.
5. Press the SETUP button to return to the previous menu.



### SOUND

The Sound menu allows precise adjustment of several parameters.

1. Press the SETUP button to display the *SETUP MODE* menu.
2. Press the CH▲ / CH▼ buttons to highlight the Sound menu item.
3. Use the VOL◀ / VOL▶ to display the Sound Menu.



### Minimum Volume

Sets the minimum volume level the TV can reach. Setting this to any value other than 0 guarantees that some level of sound will always be heard when the TV is operating.

1. In Sound menu, press the CH▲ / CH▼ to select *Minimum Volume*.
2. Press the VOL◀ / VOL▶ to select your preferred minimum volume.
3. Press SETUP to return to the preceding menu.

**Maximum Volume**

Sets the maximum volume level the TV can reach.

1. In Sound menu, press the CH▲ / CH▼ button to select *Maximum Volume*.
2. Press the VOL◀ / VOL▶ button to determine your preferred maximum volume allowed.
3. Press the SETUP button to return to the preceding menu.



**Power on Volume**

Sets the initial volume for the TV upon powering on. Once the TV is on, the volume can be set to any allowable level.

**NOTE:** If "Power on Volume" is set to LAST, and physical power is removed, the TV will power on with a volume of zero.

1. In Sound menu, press the CH▲ / CH▼ button to select *Power on Volume*.
2. Press the VOL◀ / VOL▶ button to determine your preferred volume when the TV turns on. Setting the level to LAST causes the TV to remember the last volume level used by the TV prior to turning off.
3. Press the SETUP button to return to the preceding menu.



**Internal Speaker Enable**

The speaker's inside the TV's cabinet can be turned on or off for each TV Service Level. Note: Sound to the earphone jack remains on at all times.

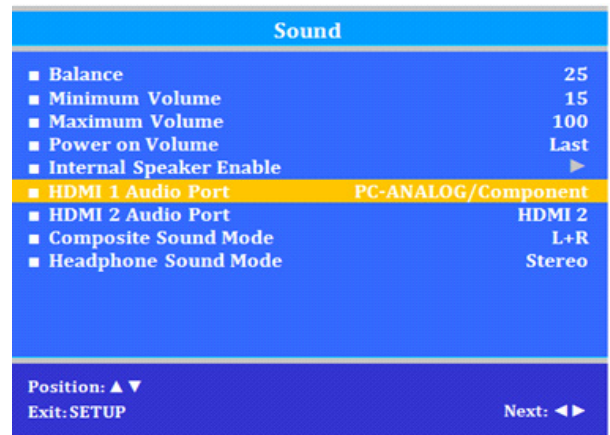
1. In the Sound menu, press CH▲ / CH▼ button to select the *Internal Speaker Enable* menu item.
2. Press VOL◀ / VOL▶ to enter the menu.
3. Press the CH▲ / CH▼ button to select the desired Service Level.
4. Press VOL◀ / VOL▶ to select *Disable* or *Enabled*.
5. Press the SETUP button to return to the preceding menu.



### HDMI Audio Ports

The HDMI1 Audio Port and HDMI2 Audio Port have two settings: HDMI and PC-ANALOG/Component. A device connected to the HDMI ports can receive audio from one of these sources.

1. In the Sound menu, press CH▲ / CH▼ to highlight *HDMI 1* or *HDMI 2*.
2. Press VOL◀ / VOL▶ to choose between HDMI and PC-ANALOG/Component.
3. Press SETUP to return to previous menu.



### Composite Sound Mode

The settings are L+R, L+L, and R+R

1. In the Sound menu, press CH▲ / CH▼ to highlight *Composite Sound Mode*.
2. Press VOL◀ / VOL▶ to choose between settings.
3. Press SETUP to return to previous menu.



### Headphone Sound Mode

The earphone jack sound can be used with either a mono (single ear) or stereo (dual ear) style.

1. In the Sound menu, press CH▲ / CH▼ to highlight *Headphone Sound Mode*.
2. Press VOL◀ / VOL▶ to choose between settings.
3. Press SETUP to return to previous menu.



**CHANNELS**

The Channels menu allows you to program different signal sources to either disable or select from three Service Levels (Free, Basic, or Premium) and to add or delete individual channels. It also allows you to block channels, TV programs, movies, and auxiliary sources that can be input to the TV. Each Service Level contains a different channel map.

**Signal**

1. Press the SETUP button on the remote control.
2. Press CH▲ or CH▼ to highlight *Channels*.
3. Press VOL▶ to enter the Channels sub-menu.
4. Four different tuning types are available depending upon the healthcare facility’s signal type. Selection of the correct signal type is required for the TV to recognize all possible channels and before any channel programming can begin.
5. Enter the Channels menu
6. Press CH▲ or CH▼ to highlight *Signal*.
7. Press VOL ▶ to select *Air, Cable STD, Cable IRC, or Cable HRC*.
8. **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 Yes▲ 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.*



### Add / Delete Channels

Individual analog TV channels that are missing can be manually added to a Service Level. Or, analog TV channels that require deletion can be manually removed from a Service Level. Digital channels found during Auto Programming can be enabled or disabled in each service level.

1. From the Channels menu, press the CH▲ / CH▼ to select *Add/Delete Channels*. Press VOL◀ / VOL▶ to select.
2. Press CH▲ / CH▼ to select the service level you wish to add or delete channels.
3. Press VOL◀ / VOL▶ to enter the Add/Delete Channels menu for that service level.
4. Press CH▲ / CH▼ to select Analog Channel
5. Press VOL◀ / VOL▶ to scroll through every available channel. The channel number changes to indicate the current channel viewed.
6. Press CH▲ / CH▼ to select Add/Delete Analog Channel.
7. Press VOL◀ / VOL▶ to alternately Add or Delete the current Analog Channel from the Service Level.
8. Press CH▲ / CH▼ to select Enable/Disable Digital Channel.
9. A listing of all digital channels found during Auto Programming will be displayed.  
 NOTE: *If the Enable/Disable Digital Channels states “no Channels”, either the TV did not locate any channels during Auto Programming or the Mode was set to “Analog Only” during Auto Programming.*
10. Press CH▲ / CH▼ to select a Digital Channel.
11. Press VOL◀ / VOL▶ to alternately Enable or Disable the current Digital Channel from the Service Level.
12. Press SETUP to return to the previous menus.



### Clear Service Level

This empties a service level of all its programmed channels, leaving it blank.

1. From the Channels menu, press the CH▲ / CH▼ to highlight *Clear Service Level*.
2. Press VOL▶ to select.
3. Press CH▲ / CH▼ to highlight the Service Level (*Free, Basic, or Premium*).
4. Press VOL▶ to select the highlighted service level.
5. A confirmation page will appear. Press Yes▲ to proceed. Press ▼ or SETUP to return to the previous menu.  
 NOTE: *After a Service Level is cleared, the TV returns to the Clear Service Level menu. “Blank” will appear to the right of the Service Level.*
6. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.



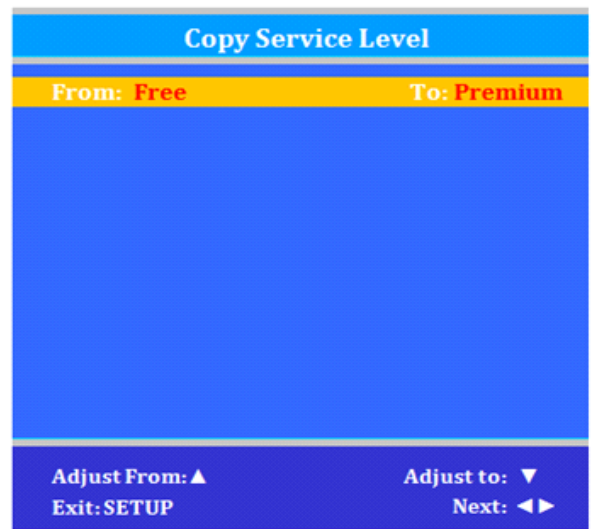
### Copy Service Level

This copies one service level's channels to another.

1. In the Channels menu, Press CH▲ / CH▼ to highlight *Copy Service Level*.
2. Press VOL▶ to select.
3. Press CH▲ to set the From Service Level. Press CH▼ to set the Service Level.
4. Press VOL▶ to copy the Service Level.
5. A confirmation screen will appear. Press CH▲ to proceed. Press CH▼ or SETUP to return to the previous menu.

**NOTE:** After a Service Level is copied, the TV returns to the Copy Service Level menu. If the To Service Level has been set to active in the Service Level setting (see Service Levels on page 4), TV programming will appear.

6. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.



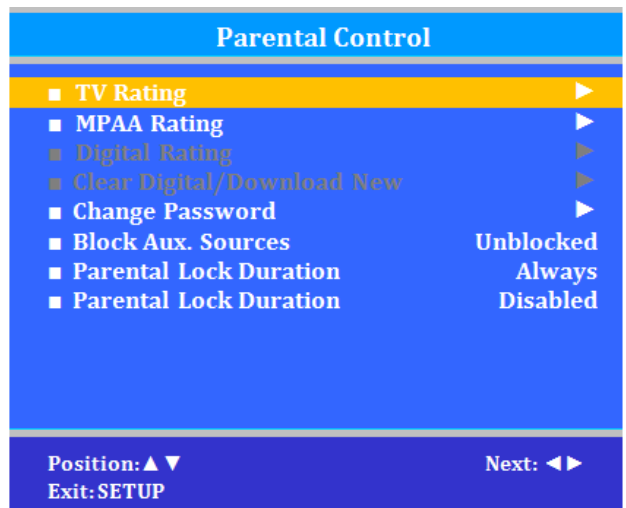
### Parental Control

Parental Control allows you to block channels, TV shows, movies, and devices that are connected to the P14W.

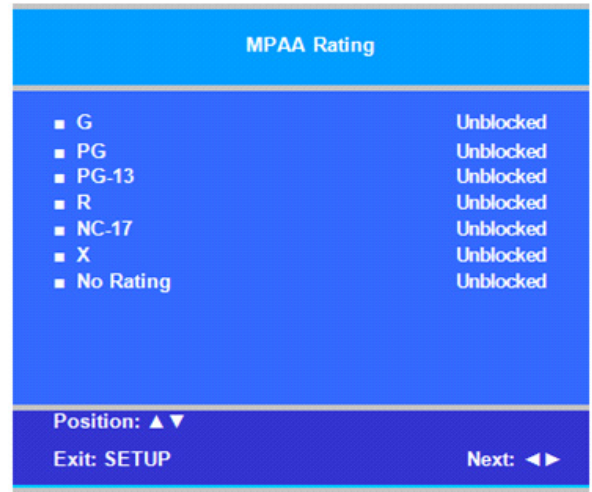
1. In the Channels menu, Press CH▲ / CH▼ to highlight *Parental Control*.
2. From the Parental Control menu, press VOL▶ to enter the TV Rating menu.
3. Press CH▼ to move to one of the six age-based categories.
4. Press VOL◀ or VOL▶ to cycle through the sub-ratings (ALL, FV, V, S, L or D) or exit out of the sub-categories in that category. (See page 14 for rating guides)

**NOTE:** The U or B (unblocked or blocked) will turn red when it is highlighted.

5. Press CH▲ or CH▼ to change the sub-rating.
6. Press the SETUP button to return to the previous menu. Or press VOL◀ to get out of the sub-category.



**NOTE:** Categories that are rated for older audiences will be automatically blocked. If you block TV-Y category, then TV-Y7 will be blocked automatically. Similarly, if you block TV-G category, then TV-PG, TV-14 and TV-MA will also be blocked.



### MPAA Rating

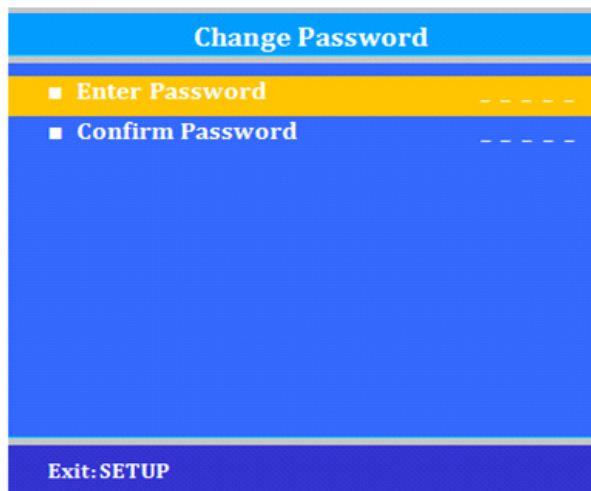
Most televised movies are now rated. MPAA Rating selectively allows the TV to only present movie content that is unblocked per its preset level.

1. From the Parental Control menu, enter the *MPAA Rating* menu.
2. Press CH ▲ or CH ▼ to highlight a particular MPAA Rating.
3. Press VOL ◀ or VOL ▶ to select *Blocked* or *Unblocked*.  
**NOTE:** Parental Control will automatically block any category that is rated for older audiences. For example, if you block the PG-13 category, then R, NC-17 and X will be automatically blocked also.
4. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.

### Change Password

The Parental Control access password can be changed using this menu.

**NOTE:** The factory default password that is programmed into the TV is 0000.





## Television Rating Guides

Guide		Meaning
TV-Y	Young Children	Content not offensive to most viewers
TV-Y7	Children 7 and over	Considered suitable for children over 7, may contain Fantasy Violence Scenes
TV-G	General Audience	Considered suitable for all audiences; children may watch unattended
TV-PG	Parental Guidance	Suggested Unsuitable for younger children, may contain; Suggestive Dialog, Bad Language, Sex, and Violence Scenes
TV-14	Parents Strongly Cautioned	Unsuitable for children under 14, may contain; Strong Dialog, Bad Language, Sex, and Violence Scenes.
TV-MA	Mature Audience Only	Adults only, may contain; Strong Dialog, Bad Language, Sex, and Violence Scenes

Grade	Meaning
FV	Fantasy Violence
V	Violence
S	Sexual Situation
L	Adult Language
D	Sexual Suggestive Dialog

Grade		Meaning
G	General Audiences	Content not offensive to most viewers
PG	Parental Guidance Suggested	Content is such that parents may not want their children to view the program
PG-13	Parents Strongly Cautioned	Program is inappropriate for preteens, with a greater degree of offensive material suggested than a PG rated program
R	Restricted Viewing	Not for children under age 17. Strong elements of sex and/or violence
NC-17	No Children under age 17	Not for children under age 17 under any circumstances Strong sexual content
X	Hard Core Films	Same as NC-17 rating
No Rating	No Rating	MPAA not rated

### Auxiliary Block Source

Like TV programs and channels, the auxiliary sources can be blocked too. When the TV encounters an external signal source that is not appropriate per its settings, a black screen appears with muted sound.

**NOTE:** *Parental Lock must be enabled for the sources to be blocked.*

1. In the Parental Control menu, press CH ▲ or CH ▼ to highlight *Aux. Block Source*.
2. Press VOL ◀ or VOL ▶ to select *Unblocked* or *Blocked*.
3. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.

### Parental Lock Duration

This sets how long an enabled Parental Lock will be active.

1. In the Parental Control menu, press CH ▲ or CH ▼ to highlight *Parental Lock Duration*.
2. Press VOL ◀ or VOL ▶ to select the desired number of hours (1-99) or *Always*.
3. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menus disappear.

### Parental Lock

This enables or disables the settings in the Parental Control menu. Enabling it will require the password to be entered to access the Parental Control menu in the future.

1. In the Parental Control menu, press CH ▲ or CH ▼ to highlight *Parental Lock*.
2. Press VOL ◀ or VOL ▶ to select *Enable* or *Disable*.
3. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menus disappear.

### Power on Channel

Displays a certain channel each time the TV is turned on. This feature is useful for hospitals that have a Welcome Channel and wish to have it displayed upon initial use of the TV.

The patient can then tune to any other available channel.

1. Enter the *Channels* menu
2. Press CH ▲ or CH ▼ to highlight *Power on Channel*.
3. Press VOL ▶ to select it.
4. Press CH ▲ or CH ▼ to highlight the desired Service Level (Free, Basic, or Premium).
5. Press VOL ◀ or VOL ▶ to select one of the channels currently available in the Service Level or Last.  
**NOTE:** *Last will cause the TV to turn on to the last channel before it was turned off.*
6. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menus disappear.

Power On Channel	
	Channel
■ Free Service Level	Last
■ Basic Service Level	Last
■ Premium Service Level	Last

Position: ▲ ▼  
Exit: SETUP      Next: ▶

### Channel Lock

Locks the currently viewed channel and prevents patients from tuning to any other channel. This feature is useful when the TV is used for information display purposes.

1. Enter the *Channels* menu
2. Press CH ▲ or CH ▼ to highlight *Channel Lock*.
3. Press VOL ◀ or VOL ▶ to select *Enable* or *Disable*.
4. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menus disappear.

### Channel Memory Override

Allows a channel to be entered with the remote's number buttons that is not memorized in the current Service Level.

1. Enter the *Channels* menu
2. Press CH ▲ or CH ▼ to highlight *Channel Memory Override*.
3. Press VOL ◀ or VOL ▶ to select *Enabled* or *Disabled*.
  - DISABLED = Service Level Channels only.
  - ENABLED = All possible channels.
4. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menus disappear.

## FEATURES

The Features menu provides adjustable settings that customize the TV to your hospital.

1. Press the SETUP button.
2. Press CH▲ or CH▼ to highlight *Features*.
3. Press VOL▶ to enter the Features sub-menu.

### Power on Caption Mode

Power on Caption Mode memorizes the caption setting upon powering the TV off. With this feature set to off, the TV will always power on with the captions disabled. With this feature set to Last, the TV turns on with the last caption setting enabled.

1. Enter the *Features* menu
2. Press CH▲ or CH▼ to highlight *Power on Caption Mode*.
3. Press VOL◀ or VOL▶ to select *Last* or *Off*.
4. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menus disappear.

### Auto Power On/Lock

The TV will turn on and stay on whenever electrical power is applied to the set. The feature is useful for controlling the TV from a wall switch or preventing the TV from being turned off by the TV power button or the remote control.

1. Enter the *Features* menu
2. Press CH▲ or CH▼ to highlight *Auto Power On*.
3. Press VOL◀ or VOL▶ to select *Disabled* or *Enabled*.
4. Press the SETUP button to return to the previous menu.

### Inactive Power Off (h: mm)

The TV will automatically power off after a specific period of viewer inactivity providing energy savings.

1. Enter the *Features* menu
2. Press CH▲ or CH▼ to highlight *Power Management*.
3. Press VOL◀ or VOL▶ to select an active time or select *Disabled* to disable this feature.
4. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menus disappear.

**NOTE:** *Auto Power On must be set to Disabled for this function to operate.*

### Bed A/B

The TV can be controlled by a patient IR remote. The TV offers Bed A and Bed B selectable codes for independent control of a single television in a two television room. The patient remote can be toggled between Bed A and Bed B codes by pressing (using a paperclip) the CODE button on the remote.

1. Enter the *Features* menu
2. Press CH▲ or CH▼ to highlight *Bed A/B*.
3. Press VOL◀ or VOL▶ to select A or B.
4. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menus disappear.

### Caption Text Modes

Teletext can be displayed in addition to Captions. Teletext is not normally broadcast in the USA. Caption Text Modes should be set to Disabled for TVs operated in the USA.

1. Enter the *Features* menu
2. Press CH▲ or CH▼ to highlight *Caption Text Modes*.
3. Press VOL◀ or VOL▶ to select *Disabled* or *Enabled*.
4. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.

**Digital Captions**

Customization of Closed Captions on ATSC/QAM channels.

1. Enter the Features menu
2. Press CH ▲ or CH ▼ to highlight *Digital Captions*.
3. Press VOL ► to select it.
4. Press CH ▲ or CH ▼ to highlight the attribute you wish to change.
5. Press VOL ► to change it. (See the table below for the settings of each attribute.)
6. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.

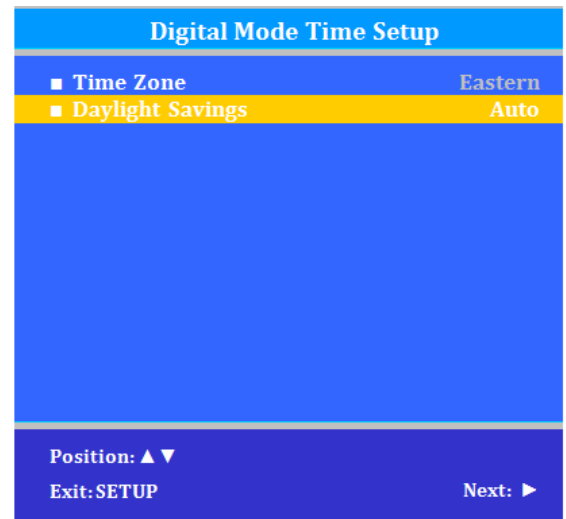


Attribute	Settings
Font Size	Small, Standard, Large, Default
Font Style	Style0 – Style 7, Default
Foreground Color	White, Black, Red, Green, Blue, Yellow, Magenta, Cyan, Default
Background Color	White, Black, Red, Green, Blue, Yellow, Magenta, Cyan, Default
Edge Color	White, Black, Red, Green, Blue, Yellow, Magenta, Cyan, Default
Foreground Opacity	Solid, Translucent, Transparent, Flashing, Default
Background Opacity	Solid, Translucent, Transparent, Flashing, Default
Edge Style	None, Raised, Depressed, Uniform, Left Drop Shadow, Right Drop Shadow, Default

**Digital Mode Time Setup**

The current time will be set automatically from a digital channel signal provided by a broadcasting TV station.

1. Enter *the Features* menu
2. Press CH ▲ or CH ▼ to highlight *Digital Mode Time Setup*
3. Press VOL ► to select it.
4. Press CH ◀ or CH ▶ to select your viewing area time zone: Pacific, Alaska, Hawaii, Newfoundland, Atlantic, Eastern, Central or Mountain.
5. Press VOL ▲ or VOL ▼ to highlight *Daylight Savings*.
6. Press CH ◀ or CH ▶ to select Auto, On, or Off depending on whether or not your viewing area observes Daylight Savings Time.
7. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.



## Diagnostics

This menu provides readouts of the TV's internal operation. The Diagnostics menu items are read-only and cannot be changed.

1. Enter the Features menu
2. Press CH▲ or CH▼ to highlight *Diagnostics*.
3. Press VOL▶ to select it.
4. Press the SETUP button to return to the previous menu.  
To exit, press SETUP until the programming menus disappear.

Field ON Hours:	Cumulative time TV is actually on.
Field Powered Hours:	Cumulative time TV is powered.
Firmware VSN	0.64
Micom VSN	0.4
Power On Cause	Normal

Diagnostics	
■ Field ON Hours	000246
■ Field Powered Hours	000449
■ Firmware VSN	0.64
■ Micom VSN	0.4
■ Power On Cause	Normal
Exit: SETUP	

## Channel up Power Off

This feature causes the TV to turn off once it reaches the highest numbered (last) channel and is usually used with single button style pillow speakers. When the feature is disabled, the TV will continue on to the lowest channel and not turn off.

1. Enter the *Features* menu
2. Press CH▲ or CH▼ to highlight *Channel Up Power Off*.
3. Press VOL◀ or VOL▶ to select *Enabled* or *Disabled*.
4. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menu disappears.

## Channel to Other Source

External signal sources connected to the TV, such as DVD players or video-game systems, are shown in the current channel lineup after the highest channel and then shown on the TV. Set this feature to Disabled to require the activation of the external sources by pressing the remote's or the TV's TV/AV button. Set this feature to Enabled to allow access to external devices by pressing channel up or down buttons on a remote or most pillow speakers.

1. Enter the *Features* menu
2. Press CH▲ or CH▼ to highlight *Channel to Other Source*.
3. Press VOL◀ or VOL▶ to select *Enabled* or *Disabled*.
4. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menu disappears.

## Power on ARC Mode

The TV powers on with a set screen sized aspect ratio of 4:3, 14:9, 16:9, 16:9 Panorama, or Last.

1. Enter the Features menu
2. Press CH▲ or CH▼ to highlight Power On ARC Mode.
3. Press VOL▶ to select 4:3, 14:9, 16:9, 16:9 Panorama, or Last.
4. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menu disappears.

## Standby Power

Controls power used by TV when in "Standby" or OFF stage.

1. Press the SETUP button on the remote control.
2. Press CH▲ or CH▼ to select *Features*.
3. Press VOL◀ or VOL▶ to select it.
4. Press CH▲ or CH▼ to select *Standby Power*. Press
5. VOL◀ or ▶ to select Low/Normal.

**Note:** If in "low" mode, TV consumes less power but takes longer to start when turned back on.

6. Press the SETUP button to return to the previous menu. To exit, press SETUP until the programming menu disappears.

## OSD LANGUAGE (On-Screen Display)

You can select the language you wish to use in your on-screen displays..

1. Press SETUP.
2. Press CH▲ or CH▼ to select the *OSD Language* menu.
3. Press VOL◀ or VOL▶ to select your desired language.
4. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.

## SOURCES

The TV's signal sources can be individually Enabled or Disabled. The available sources in this menu correspond with the components you have connected to the TV's connectors.

**NOTE:** Please disable all of the TV's sources that are not to be used. A TV that is switched to a non-connected source generates nuisance hospital maintenance calls of TV Not Working, when in fact the TV does work, but has been set to an inactive source

1. From the SETUP menu, press CH▲ or CH▼ to highlight *Source*.
2. Press VOL◀ or VOL▶ to select it.
3. Press CH▲ or CH▼ to highlight a desired source.
4. Press VOL◀ or VOL▶ to change the source status to either *Disabled* or *Enabled/APO* (Auto Power Off).

**NOTE:** Sources that are grayed out are not installed in the TV. Enabled/APO means the TV will turn off if there is no video.

5. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.



## Power on Source

The TV can be preset to power on to a selected source.

1. Enter the Sources menu
2. Press CH▲ or CH▼ highlight *Sources*.
3. Press VOL▶ to select it.
4. Press VOL◀ or VOL▶ to change to the source that you want the TV to power on to.

**NOTE:** The source must be enabled before it can be chosen as a power on source. The Last entry causes the TV to power on to the Last source selected.

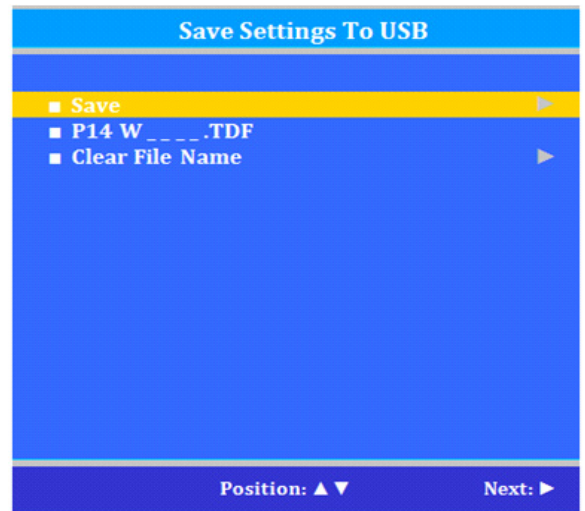
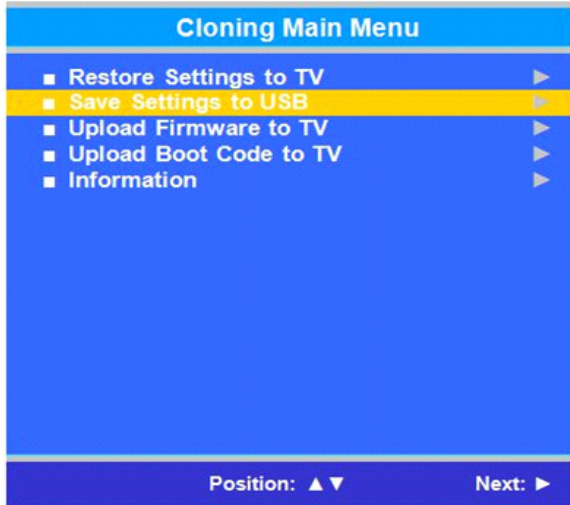
5. Press SETUP to return to the previous menu. To exit, press SETUP until the programming menus disappear.

**CLONING**

Cloning allows quick programming of a TV from a USB Flash Drive. The operation involves first downloading setup information from a programmed host TV to an USB Flash Drive and then uploading the setup information to another TV. Cloning can also be used to re-program a programmed TV.

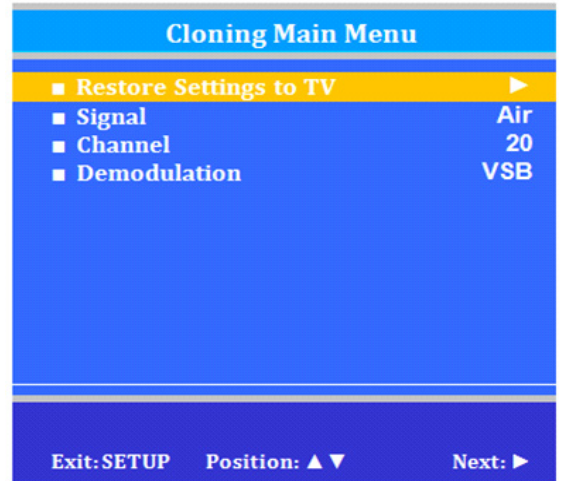
**Save Settings to USB**

1. Turn on the TV
2. Insert a blank USB thumb drive into the cloning 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.



**Restore Setting to TV**

1. Press SETUP on the programming remote, PD108-420.
2. From the SETUP menu, press CH▲ or CH▼ to highlight *Cloning*.
3. Press VOL▶ to select it.
4. Cloning menu will appear
5. Follow prompts on Cloning menu. Cloning Main Menu will appear after approximately 15 seconds.
6. Press CH▲ or CH▼ to highlight *Restore Settings to TV*.
7. Press VOL▶ to display a list of previously stored TV setups on the USB Disk.
8. Press CH▲ or CH▼ to highlight the file for the P14.
9. Press VOL▶ to select it. (The TV will shut off and turn back on automatically; this takes about 15 seconds).
10. Press VOL▶ to restore the settings to the TV. (Screen will turn black and LCD light will flash red during this process. Once process is complete LED light will change to blue and TV will return to the Cloning Main Menu with verification of “Successful cloning”.)



**Firmware**

The firmware for the model PDI-P14W is field upgradeable, but normally does not require this process and should be performed by the hospital technician. A special data file is required from the PDi factory to complete this process. The file is posted on PDi Communication’s web site: <http://www.pdiarm.com>. Firmware files are written to the root directory of a blank USB Flash Drive, connected to the TV’s Cloning port and updated using the TV’s menus. Once complete, the TV settings must be reprogrammed.

## Limited Warranty

PDi Communication Systems Inc., ("PDi") warrants, to the original purchaser only, that the product will be free from defects in materials and workmanship, under normal use, for 2 years from the date of original purchase. This warranty does not cover any other equipment that may have been included with PDi's shipment of this product.

After receipt of written notice of a defect or malfunction occurring during the warranty period, PDi will repair or replace goods returned to its Springboro, Ohio location, at its discretion, the whole or any component part of any product manufactured by PDi and found by PDi to be defective. If the decision is made to replace the product, PDi will exchange the model for the same model or a model similar in form and function.

As a condition to obtaining warranty service, written notification of the defective product must be received by PDi within ten (10) days of noticing the defect. Repair of said product requires it to be shipped to the PDi factory in Springboro, Ohio. All shipments shall be F.O.B. Springboro, Ohio, and all shipping and freight charges to PDi's factory shall be paid by the customer.

For information regarding authorized servicing and all other information pertaining to this warranty, please contact PDI COMMUNICATION SYSTEMS at 40 Greenwood Lane, Springboro, Ohio 45066 or phone 800-628-9870 and ask for Service.

This warranty gives specific legal rights and you may also have other rights which vary from state to state.

## Exclusions from Warranty

- Products damaged by any catastrophe, accident, or from neglect, misuse, fault, improper assembly, improper maintenance, inadequate return packaging, or negligence by the customer or any third party. They will be treated as out of warranty for external cause to the Products, such as, but not limited to, failure of or faulty electric power, air conditioning, operator error, failure or malfunction of any data communications system. Such conditions will be determined by PDi at its sole unfettered discretion.
- Service and repair of accessories, apparatus, attachments or any other devices which are not PDi products or options.
- Defacing of product, revision control and PDi labeling (label alterations, serial number missing, serial number no longer discernible and serial number invalid). All serial numbers are recorded and tracked for warranty purposes.
- Unauthorized changes, modifications or alterations in or to the Products not installed by PDi.
- Damage to or loss of any programs, data, or removable storage media.
- Damage incurred during installation, relocation or removal of the Products or any accessories, apparatus, attachments or other devices.
- Normal wear.
- The furnishing of accessories or supplies.
- Damage by shipping carrier.
- Incompatibility issues.
- Damages of any kind including, but not limited to, direct or indirect damages, lost profits, lost saving, or other special incidental, exemplary or consequential damages whether for breach of contract, tort or otherwise, or whether arising out of the use of or inability to use the product, even if PDi or any distributor, dealer, or authorized service provider has been advised of the possibility of such damages, or any claim by any other party
- Damage caused by any software or application not installed at the factory.

PDi's liability under this warranty is limited to repair or replacement of defective products and parts as provided above. PDi shall not be liable for incidental or consequential damages.\*

The warranty contained herein is in lieu of all other expressed or implied warranties, including any implied warranty of merchantability or fitness for any particular purpose. PDi neither assumes nor authorizes any person to assume, on its behalf, any other obligation or liability.

\*Some states do not allow the exclusion or limitation of incidental or consequential damages or a disclaimer of warranties implied by law, so the above limitation or exclusion may not apply.

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