![PDi Communication Systems, Inc logo]

med**TAB**¹⁴

med**TAB**¹⁹

# med**TAB**®

## Arm-Mounted, Healthcare-grade
## Interactive LED HDTV with Android™ OS

mymedTV.com

powered by PDi

# Table of Contents

PDi Communication Systems, Inc. ▪ 40 Greenwood Ln ▪ Springboro, Ohio 45066 USA ▪ www.pdiarm.com and www.mymedTV.com ▪ Phone 800.628.9870

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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.

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

**Overhead Falling Hazard**
WARNING: To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
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

**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.

**Note to Cable TV Installer**
This reminder is provided to call the cable TV system 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


Example of Antenna Grounding as per NEC - National Electrical Code

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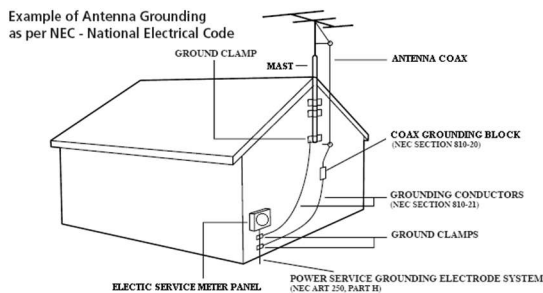 in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**Maintenance and Servicing**
The TV does not require periodic maintenance other than cleaning. 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.

**Cleaning and Disinfection**
Clean the exterior of this television by removing dust with a lint-free cloth. Spot test a new disinfectant by test cleaning a non-obvious small spot on the TV's back cabinet, keypad, and LCD panel. PDi recommends using a premoistened disinfectant cloth, like PD600-001 Super Sani-Cloth or similar, or spraying cleaner onto a dry cloth and then wiping the unit. Specific recommendations can be found at www.pdiarm.com. CAUTION: To avoid damage to the surface of the television, do not use abrasive or chemical cleaning agents.

**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.

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**Underwriters Laboratories**
This model Hospital Grade LCD HDTV is a specialized 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 healthcare facilities in both the United States and Canada.

**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 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.

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## IMPORTANT SAFETY INSTRUCTIONS

**CAUTION: 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 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. Water and Moisture – Do not expose this product to rain or moisture. Do not use this product near water – for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; near a swimming pool; and the like.
6. Cleaning – Please see specific recommendations under "Cleaning and Disinfection" on previous page.
7. Ventilation – Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided, or the manufacturer's instructions have been adhered to.
8. Heat – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
9. Power-Cord Protection – Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the product.
10. Attachments – Only use attachments/accessories specified by the manufacturer.
11. Use only with 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.
12. 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.
13. Servicing – Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power 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.
14. Oxygen Environment – Do not use in an oxygen tent or oxygen chamber. Such use may cause a fire hazard.
15. To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions. TV's can pose a striking hazard when mounted at an elevated level.
16. 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.

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.

**AVERTISSEMENT**

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'ÊTRE RÉPARÉ PAR L'UTILISATEUR. CONFIER L'ENTRETIEN À DU PERSONNEL QUALIFIÉ

## 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. Veuillez voir les recommandations sous "Nettoyage et Désinfection" à la Page précédente.
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.

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## INSTALLING THE TELEVISION

### Installation Precautions
The single coaxial cable on top of the TV is used to supply low voltage AC or DC power (28VAC or 24VDC) and RF signal to the television. Use only a low-voltage power source suitable for use in a healthcare facility from PDi.

### 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 PDi suspension arm.

**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 INJURY from the arm springing open. **Note:** Contact PDi for additional information on arm compatibility and cable requirements.

## INTRODUCTION
The medTAB® complete, personal patient television system delivers a touchscreen experience that patients understand and enjoy as soon as they touch it. Built-in tv, games and relaxation apps, no internet required, no subscription fees, and no ADT integration necessary. When ready to connect to the internet via WIFI or Ethernet, patients enjoy access to a web browser and URL links direct to news, social or other online information. Contact PDi to create a customized user interface with custom applications, for example patient education, movies, surveys or facility services apps.
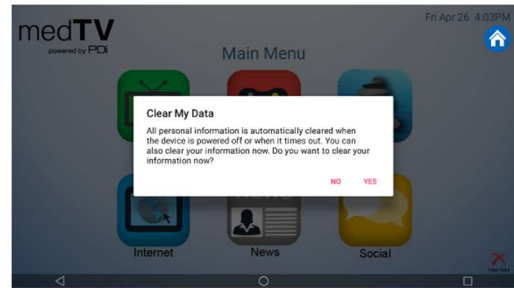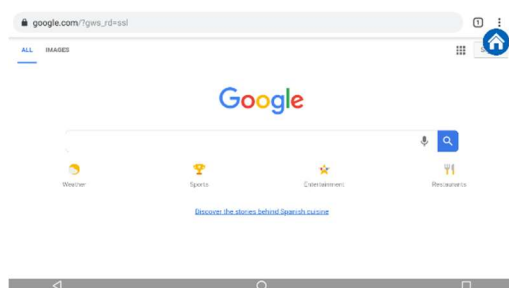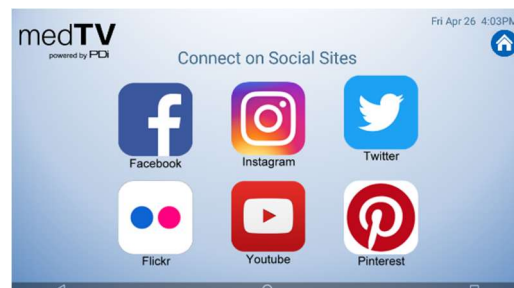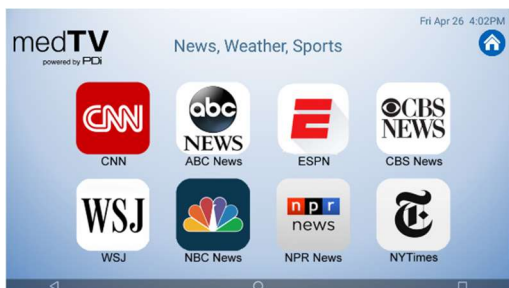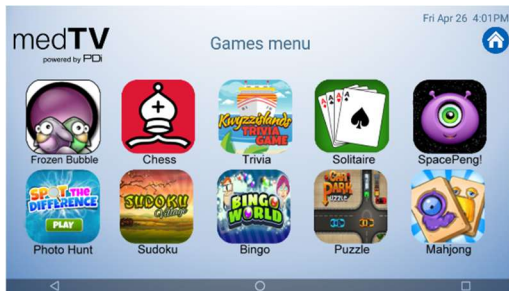
## HOME SCREEN SETUP
The first time you use the Android™ based medTAB® patient television, you will have the option to select the desired user interface (UI). The choices include a 3-icon image with no internet connection or the 6-icon with Internet apps for a browser, news links and social sites. A description of the HOME screen follows (Main Menu).

1. TV-Games-Relaxation apps are all active without internet connection.
2. Internet Browser – News – Social are browser links available on 6-icon UI once you connect to WIFI or Ethernet.
3. Clear Data – Patients can choose to clear cache memory on-demand using the Clear Data feature. Cache is automatically erased when the device powers OFF or times out.
4. Blue Home Button – this is a floating button that when pressed, will return to this Home screen. Patients or users can move it around on the Home screen. When touched outside of the Home screen, it will return to the Home screen.
5. Black Toolbar – This provides shortcuts for BACK – HOME – OPEN APPS. The BACK arrow is also used during setup.
6. medTAB Logo in top left corner is used to access system settings.

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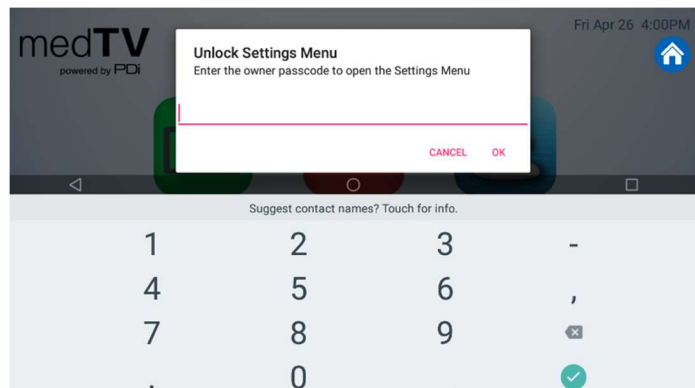
**OTHER MENUS**













**ANDROID SETTINGS MENU ACCESS**
Press and hold the "med**TAB**" logo on the top left of the screen. The Unlock Settings Menu will appear.  Enter the default passcode "45066", then press "OK".

The person who will be responsible for managing the network on the device and updating it should know the passcode.  This passcode cannot be changed.



**ANDROID SETTINGS**
The Settings screen is where you can adjust network, inputs, sleep settings, and factory reset.  From the Main Menu, unlock Android settings menu per above. Touch Back Arrow in bottom left of screen to exit out of the Settings screens. **NOTE**: TV Settings are not found here. To make changes to the television, you must first open the green TV app found on the home screen, see TELEVISION SETTINGS.

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## Android Device Settings

1. **Settings – Network.** Connect to the internet via WIFI or Ethernet. Verify network settings here. To search for WIFI networks, simply touch the word Wi-Fi or slide the Wi-Fi toggle to the right/ON. If the device finds a network previously used, it will reconnect to it. Touch the network name to see more details or enter WIFI password to connect to the network. Connect to Ethernet or view IP Settings.

2. **Settings – Inputs.** Identify your HDMI input sources from a list of common names. You can also enable/disable CEC controls (Consumer Electronic Controls) such as allow the TV to control HDMI devices, and power off/on controls with the TV.

3. **Settings – Apps**. Set App permissions, and review system app settings.

4. **Settings - Inactivity Timer.** Choose when to put device into Sleep mode: Never – 2 min – 5 min – 10 min – 20 min – 30min – 1hour. Default setting is 5 min.

5. **Settings – Storage & reset**. View shared storage space or reset device to factory settings.
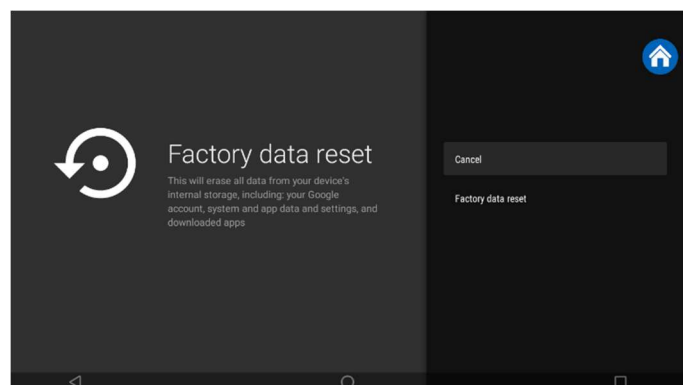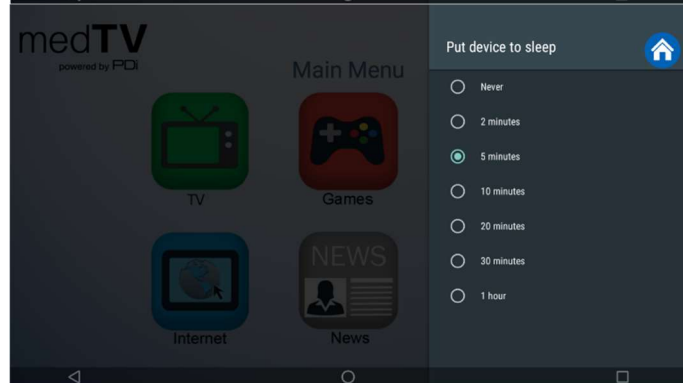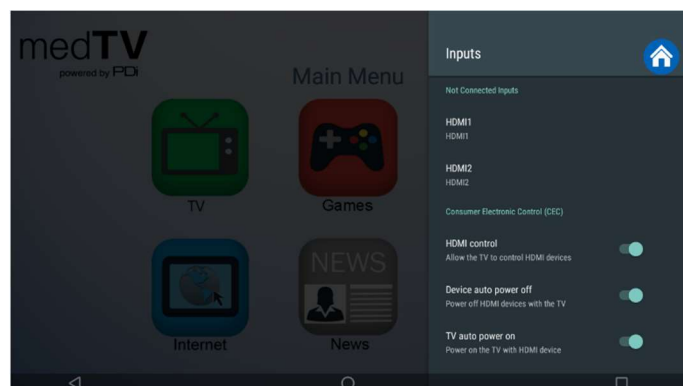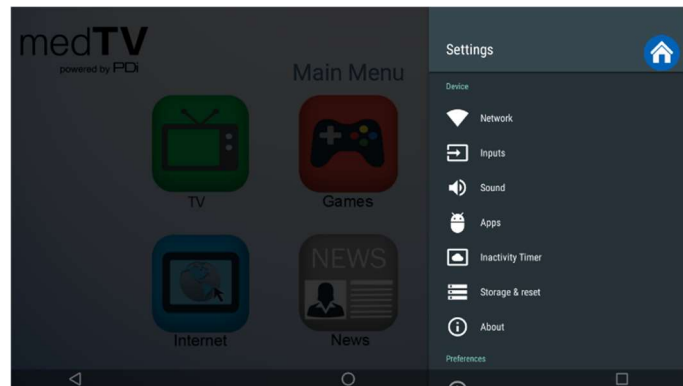
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6.  **Settings – About.** The About menu is where you can find important information about the Android system. It cannot be edited. Information shown includes model number, serial number, build version, kernel version, legal and more reference data.
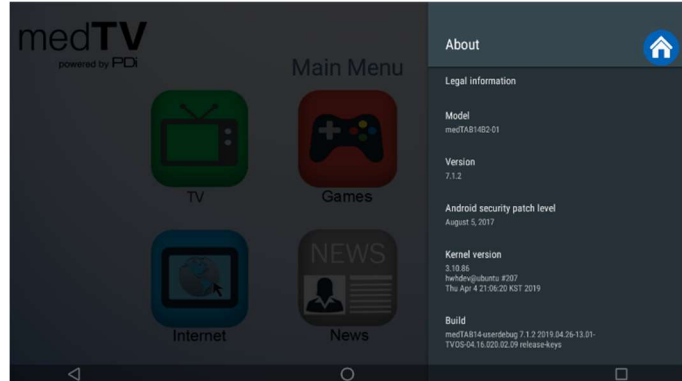
**Settings - Preferences**

1.  **Settings - Date & time.** Use this menu to adjust Date & Time. Use BACK arrow to return to Settings menu.
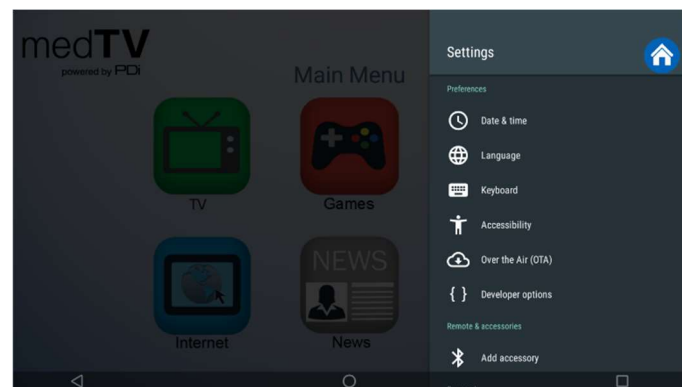2.  **Settings – Language.** Default language is English (US). If you choose an alternate language, it will change the menu and the web browser language.
3.  **Settings – Keyboard.** Device includes AOSP keyboard.
4.  **Settings - Over the Air (OTA).** OTA allows you to update the Android build. Please contact PDi Pro Services for help updating your device. +1.800.628.9870.

**TELEVISION SETTINGS**

TV setup can be done using the touchscreen or a PDi programming remote. If you choose to use the PDi programming remote (Part Number PD108-420), that must be ordered separately. Using the PD108-420 remote, use the LAST button in place of the BACK function on the touchscreen. The following instructions assume you have correctly mounted the TV and connected a coax cable that provides both power and RF signal.

**Accessing TV Settings and Setup**

To make changes to the television settings, you must first open the green TV app found on the Main Menu. From the onscreen user interface, press Settings on the TV app user controls or press SETUP on the PD108-420 remote. The Settings menus are password protected. Enter password "45066" then touch the blue checkmark on the touchscreen or press "OK" on remote.

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**CHANNEL SETUP**
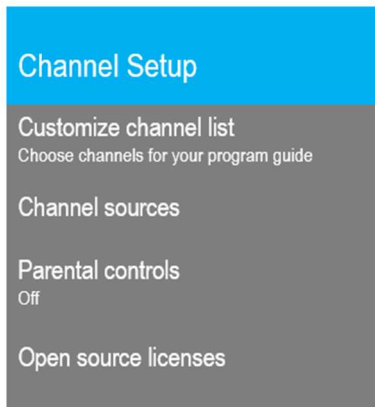
This TV offers three different programmable service levels:  Free, Basic, and Premium.  Only one service level is usable at a time.

## Auto Program

During Auto Program, the TV scans each available channel for activity.  Channels that display activity are memorized into the selected Service Level.

From the TV app:
1. Select Settings. Enter Password 45066
1. Select Channel Setup
2. Select Channel sources to open the Set up your sources menu
3. Select TV

4. Set the Service Level you are programming **(Free, Basic, Premium).**
5. Set the Antenna Type **(Air or Cable)** depending upon the healthcare facility's signal style.
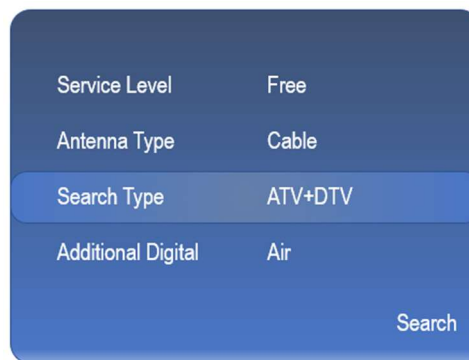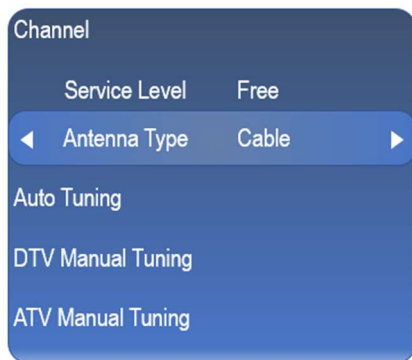6. Select Auto Tuning to go to next step
7. Service Level and Antenna Type carry over from the prior menu.  Confirm that these are correct.
8. Set the Search Type (ATV, DVT, ATV+DTV)
   **ATV = Analog Only:**  TV searches for analog channels only.
   **DTV =Digital Only:**  TV searches for digital channels only.
   **ATV+DTV = Analog and Digital:**  TV searches for both analog and digital channels.
   **Note:** Any tuning mode that includes digital channels will require several minutes to complete the auto programming.
9. Press the Search button to start scanning. When auto programming is complete, press OK.
10. Touch BACK or press LAST on TV remote to exit settings.

## Customize Channel List

From the TV app:
1. Select Settings. Enter Password 45066.
2. Select Channel Setup.
3. Select Customize channel list.
4. Scroll thru the channel list and uncheck any channels you want to exclude from the channel list.
5. Touch BACK or press LAST on TV remote to exit settings.

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## Parental Controls

Parental Controls allow you to block channels, TV shows, and movies.  The default setting for parental controls is set to OFF.  To enable parental controls,
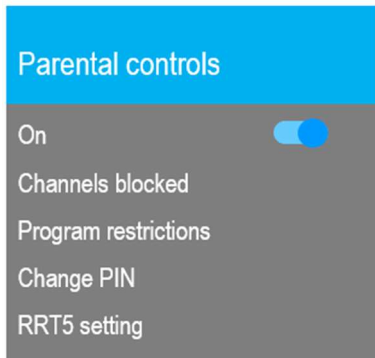
From the TV app:
1. Select Settings. Enter Password 45066
2. Select Channel Setup
3. Select Parental controls
4. To enable parental controls, create a pin.
5. Slide the toggle button to the right to turn parental controls on.

Channels blocked:  Use this setting to block channels from the line up by selecting the channels from the list.

Program restrictions:   Use this setting to filter programs based on their rating as classified by the rating systems explained below.

### Rating Systems

1. There are four Rating Systems: Canada, Canada (French), United States, and United States (Film ratings) as shown below.
2. You can choose between High Restrictions (content suitable for children), Medium Restrictions (content suitable for older children), Low restrictions (Content suitable for teens), Custom (Manual restrictions) or None.

| Canada Ratings | | |
|---|---|---|
| E | Exempt | Exempt programming includes: news, sports, documentaries and other information programming; talk shows, music videos |
| C | Young Children | Content not offensive to most viewers. Intended for younger children under age 8 years. |
| C8 | Children 8 and over | Considered suitable for children over 8 years. It is suggested a parent/guardian co-view programming. |
| G | General Audience | Considered suitable for all audiences and appropriate for entire family. |
| PG | Parental Guidance | Suggested Unsuitable for younger children, may contain: Suggestive Dialogue, Bad Language, Sex, and Violence Scenes |
| 14+ | Parents Strongly Cautioned | Unsuitable for children under 14, may contain; Strong Dialogue, Bad Language, Sex, and Violence Scenes. |
| 18+ | Mature Audience Only | Adults only, may contain: Strong Dialogue, Bad Language, Sex, and Violence Scenes |

| US Ratings | | |
|---|---|---|
| TV-Y | Young Children | Content designed to be appropriate for all children. |
| TV-Y7 | Children 7 and over | Considered suitable for children age 7 and above. |
| TV-G | General Audience | Considered suitable for all audiences; most parents would find this suitable for all ages. |
| TV-PG | Parental Guidance | Suggested Unsuitable for younger children. Many parents may want to watch together with children. |
| TV-14 | Parents Strongly Cautioned | Unsuitable for children under 14, may contain; Strong Dialogue, Bad Language, Sex, and Violence Scenes. |
| TV-MA | Mature Audience Only | Adults only, may contain: Strong Dialogue, Bad Language, Sex, and Violence Scenes |

| US Film Ratings | | |
|---|---|---|
| G | General Audiences | Content not offensive to most viewers |
| PG | Parental Guidance Suggested | May contain some material parents might not like for their young children. |
| 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. Contains some adult material, strong elements of sex and/or violence. |
| NC-17 | No Children under age 17 | Not for children age 17 or younger, under any circumstances. Strong sexual content or violence. |
| NR | No Rating | MPAA not rated. |

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## ADVANCED OPTIONS – PICTURE

Use this menu to adjust Picture settings shown below. Touch BACK or press LAST on TV remote to exit settings.

**Picture**
Back Light
Picture Mode
Contrast
Brightness
Hue
Sharpness
Saturation
Color Temperature
Color Red
Color Green
Color Blue
Open HDR
Image Noise Reduction
Mpeg Noise Reduction

From the TV app:
1.  Select Settings. Enter Password 45066
2.  Select Advanced Option
3.  Select Picture

Back Light can be adjusted from 0 to 100.  This setting applies to all TV and Android screens.

Picture Mode includes 8 automated options to adjust the picture quality: Dynamic, Standard, Soft, User, Game, Vivid, Natural, and Sports Picture Mode.  The picture settings can also be adjusted manually.  Contrast, Brightness, Hue, Sharpness, and Saturation have a range of 1-100.
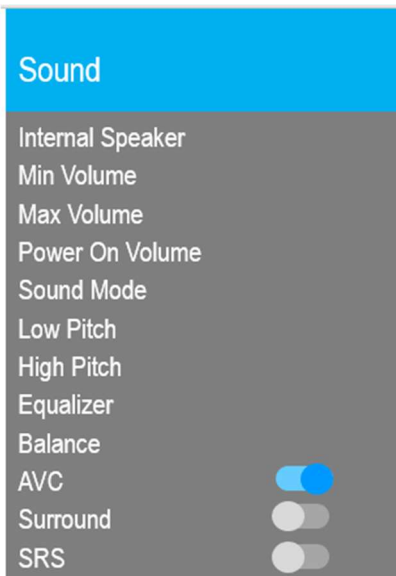
Color Temperature can be set to Cold, Nature, Warm, or User defined. User defined allows for manual adjustment of Red, Green, Blue along a scale of 0 to 2048 intensity.

Image Noise Reduction options include Off, Weak, Middle, Strong, and Auto.  This setting reduces noise from the image on the TV.

Mpeg Noise Reduction options include Off, Weak, Middle, and Strong. This setting cleans up block noise around outlines and mosquito noise on the background.

## ADVANCED OPTIONS – SOUND

From the Sound menu, you can customize the speaker settings.  This allows you to set max volume levels, disable internal speakers, etc. Touch BACK or press LAST on TV remote to exit settings.

**Sound**
Internal Speaker
Min Volume
Max Volume
Power On Volume
Sound Mode
Low Pitch
High Pitch
Equalizer
Balance
AVC
Surround
SRS

From the TV app:
1.  Select Settings. Enter Password 45066
2.  Select Advanced Option
3.  Select Sound

Internal Speaker
The TV's internal speakers can be enabled or disabled by TV source/input requiring the use of a headphone for private listening. This option is commonly used in dialysis clinics and multiple occupancy rooms.  Uncheck the boxes next to the sources/inputs for which you want the internal speakers disabled.  To ensure the speakers are always disabled, uncheck all boxes.

Minimum Volume
Sets the minimum volume level the unit 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. Touch the sliding scale to adjust volume from 0 to 100.

Maximum Volume
Sets the maximum volume level the TV can reach. Touch the sliding scale to adjust volume from 0 to 100.

## Power on Volume

Sets the initial volume for the TV upon powering on. Options include "Use last volume" or "Set volume" to manually set the power on volume level. 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 (ie. a power outage), the TV will power on with a volume of zero.

## Sound Mode

Sound Mode can be set to Standard, Music, Movie, Sports, or User defined. User defined allows you to set the Low Pitch and High Pitch from 0 to 100.

## Equalizer

Sound adjustments can be made at 5 levels 120 Hz, 500 Hz, 1.5 KHz, 5 KHz, and 10 KHz from 0 to 100.

## Balance

Adjust speaker volume left to right.

## AVC, Surround, and SRS

Automatic Volume Control (AVC), Surround, and Sound Retrieval System (SRS) can be set to On/Off for these 3 settings.

**ADVANCED OPTIONS – CHANNELS**

The Channel menu allows the following controls:

From the TV app:
1. Select Settings. Enter Password 45066
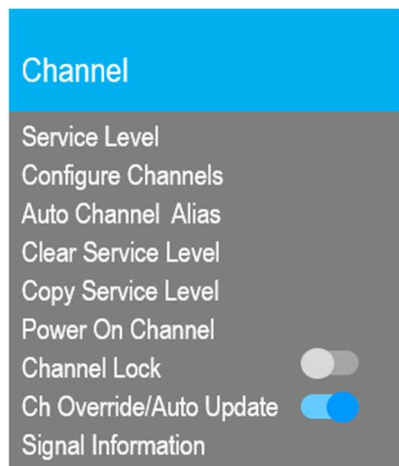2. Select Advanced Option
3. Select Channel

### Service Level
Set the appropriate service level (Free, Basic, Premium)

### Configure Channels

### Auto Channel Alias
This setting automatically assigns a sequential channel number to the channels in the list. Select the appropriate option: Fill Analog Gaps with Digital Channels, Renumber Only Enabled Channels, Renumber All Channels, or Remove All Aliases.

## Clear Service Level

This setting clears the channel map for the specified service level

## Copy Service Level

This setting copies the channel map from one service level to another service level (ie Free copied to Basic)

## Power on Channel

Power on Channel will display 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. To set the power on channel select the applicable service level, then scroll through the channel list and select the desired power on channel

## Channel Lock

Channel lock will fix the TV to a specific channel. To enable channel lock, tune the TV to the desired channel. Then go to the Advance Option – Channel menu per the instructions above. Toggle the Channel Lock option to the right.

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## Channel Override/Auto Update

Override allows any channel to be entered using the TV remote's number pad, even if the channel is not memorized in the current Service Level. Toggle the switch to turn Channel Override On/Off.
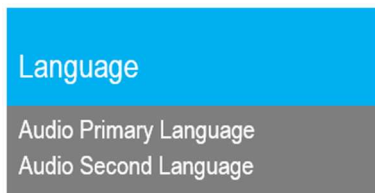
## Signal Information

You can display signal information on the current channel here. The information shown includes Antenna Type, Channel number, and Signal Strength.

**ADVANCED OPTIONS – LANGUAGE**

This is where you can select the Primary Language and Secondary Language. Default is English.



From the TV app:
1. Select Settings. Enter Password 45066
2. Select Advanced Option
3. Select Language

**ADVANCED OPTIONS – TIME**

View clock settings, adjust on/off time settings, and sleep timers through this menu.



From the TV app:
1. Select Settings. Enter Password 45066
2. Select Advanced Option
3. Select Time

### Time Source

You may choose to use network provided time or DTV time source.

### Date and Current Time

Displays current date and Current Time settings. This can not be changed.

## Off Time

Set the TV to turn OFF automatically at a specified time. Toggle the menu item to on and then set the Off time.

## Scheduled Time

Set the TV to turn ON automatically at a specified time. Toggle the menu item to on and then set the On time.

## Sleep Time

The Sleep Time function can be set to OFF, 10-20-30-40-50-60-90 min, or 2-3-4-5-6-7-8 hrs.

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**ADVANCE OPTIONS – FEATURES**
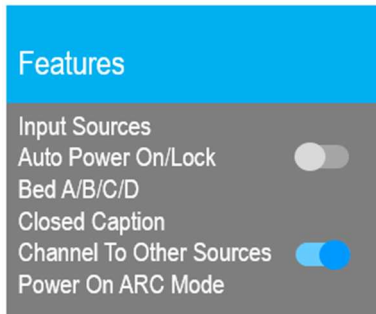


From the TV app:
1. Select Settings. Enter Password 45066
2. Select Advanced Option
3. Select Features

## Input 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. Change the source status to either *Disabled* or *Enabled/APO* (Auto Power Off) or *Enabled/No APO* (No Auto Power Off).

**NOTE: Please disable all TV 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.**

## Auto Power On/Lock
This toggle switch will allow 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.

## Bed A/B/C/D
The TV can be controlled by a patient IR remote. The TV offers selectable codes Bed A, Bed B, Bed C, and Bed D for independent control of a single television in a multi-television room. The patient remote can be toggled between Bed A, Bed B, Bed C, and Bed D codes by using a paperclip to press the CODE button on the remote.

## Closed Caption
Modify closed caption settings here.  Use Power On CC Mode menu item to set CC to Off or Last

## Channel to Other Sources
By enabling this setting, patient can access enabled sources by channeling up or down at the end or beginning of the channel map

## Power On ARC MODE
Change from the default 16:9 to 16:9 Panorama, 14:9, 4:3, or Last

**ADVANCE OPTIONS – SYSTEM**
Find useful information about your device and manage cloning and firmware
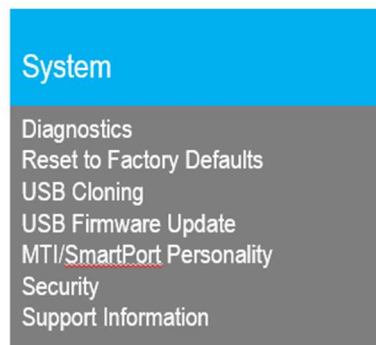


From the TV app:
1. Select Settings. Enter Password 45066
2. Select Advanced Option
3. Select System

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

Field On Hours:           Cumulative time TV is actually on.
Field Powered Hours:    Cumulative time TV is powered.

## Reset to Factory Defaults
Use this setting to restore the TV to factory defaults.

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## USB Cloning

Cloning allows you to quickly and easily copy settings and channels from one TV to other PDi TVs. Clone operation involves first downloading setup information from a programmed host TV to a USB memory stick (thumb 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. In the TV app, select Advanced Option – System
2. Insert a USB thumb drive into the cloning port and open USB Cloning. The USB Cloning Menu will appear
3. Select Save Settings to USB.
4. If desired, rename the *.TDF file with the touchscreen keyboard.
5. Press Save.

**Restore Settings from USB**
1. In the TV app, select Advanced Option – System
2. Insert a USB thumb drive used above into the cloning port and open USB Cloning. The USB Cloning Menu will appear
3. Select Restore Setting to TV.
4. Press Save.

## USB Firmware Update

The firmware 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. 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.

## MTI/SmartPort Personality

You can toggle between MTI and SmartPort setting here . These settings support third-party systems. Please contact your vendor for support

## Security

You can manage the setup password here. You can Enable/Disable setup menu password protection or change the password here.
**NOTE:** The factory default password that is programmed into the TV is 45066.

## Support Information

PDi Communication Systems, Inc.
Springboro, OH
www.pdiarm.com
800.628.9870

**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 3 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, INC. at 40 Greenwood Ln, Springboro, Ohio 45066 or phone 800-628-9870 and ask for the PDi ProServices team.

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

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**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 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 purpose. PDi neither assumes nor authorizes any person to assume, on its behalf, any other obligation or liability.

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