



## **PDi Wireless Table Radio**

PDI-TR100

AM and FM Radio

Plus Wireless TV Control



Document Number: PD196-191R3



**PDi Communication Systems, Inc.**

40 Greenwood Ln Springboro, OH 45066

Toll-free 800.628.9870 | Fax 937.743.5664

[www.pdiarm.com](http://www.pdiarm.com)

	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>		

## CAUTION



TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance which indicates a need for service.

## FCC INFORMATION

This equipment has been tested and found to comply with the FCC CFR Title 47 Part 15 Subpart C rules. These limits are designed to provide reasonable protection against harmful interference. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular 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 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 technician for help.

## MODIFICATIONS

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## SERVICING



If your product is not operating correctly or exhibits a marked change in performance and you are unable to restore normal operation by following the detailed procedure in its operating instructions, do not attempt to service it yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

## DAMAGE REQUIRING SERVICE

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

## REPLACEMENT PARTS

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

## SAFETY CHECK

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in safe operating conditions.

## CLEANING & DISINFECTING

- Unplug the radio before cleaning.
- Use a soft damp cloth to clean.
- Do not use harsh chemicals such as solvents.

## DISCLAIMER

The author and publisher have used their best efforts in preparing these instructions. PDi Communication Systems, Inc. make no representation or warranties with respect to the accuracy or completeness of the contents of this guide and specifically disclaim 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.

## COPYRIGHT

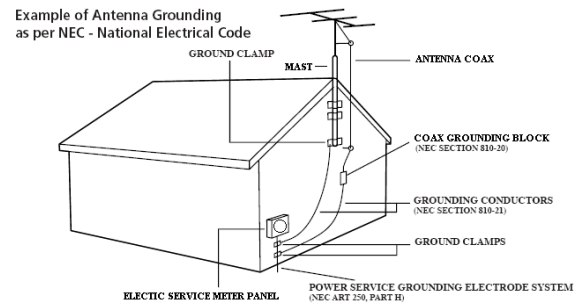
PDi Communication Systems, Inc. claims proprietary right to the material disclosed in these instructions and issues them for user information only and may not be used to manufacture anything shown herein.

## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat 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. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long 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



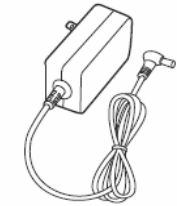
- damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. If an outside antenna or cable system is connected to this apparatus, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



NOTE: 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.

16. **WARNING:** To reduce the risk of fire or electrical shock, Do Not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

# Package Contents



Power Adapter



FM Antenna

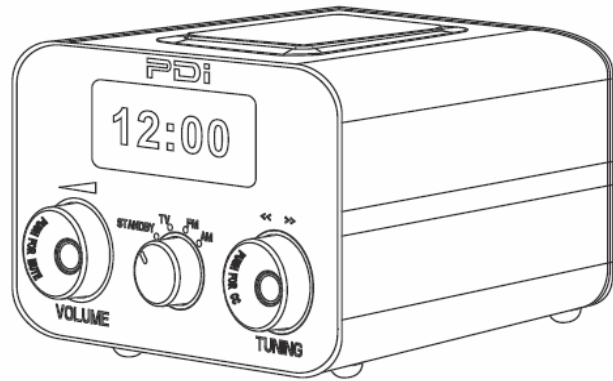
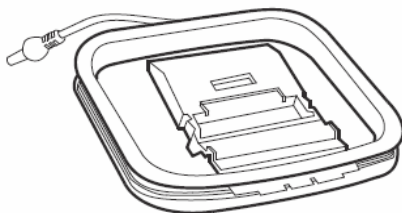
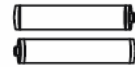


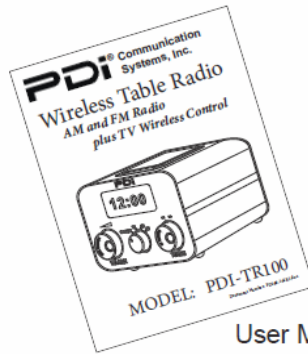
Table Radio



AM Antenna



AAA Batteries



User Manual

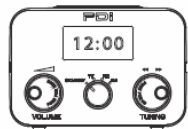
## Installing

### Location

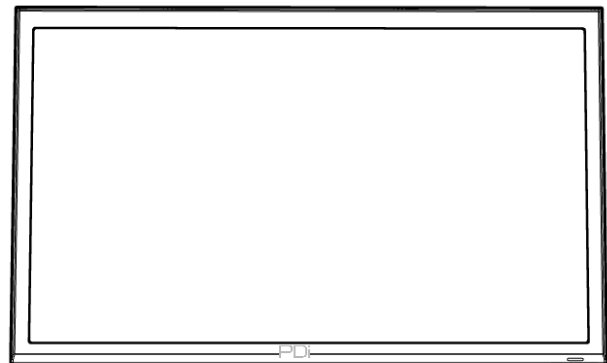
The PDI-TR100 table radio is designed to provide both AM/FM radio reception and also wireless Pairing Digital Interface control of PDi wall mounted hospital televisions.\* Please keep these guidelines in mind when selecting a location.

- Place the radio on a flat surface.
- Do not use the radio in a damp location.
- Locate the table radio in the same room as the TV if wireless connectivity is desired.
- A location near the patient's bed or chair side is preferred for easy operation.

\*Note: PDi wall mounted television model must offer wireless connectivity to function.



◀◀◀ wireless ▶▶▶  
Pairing Digital Interface



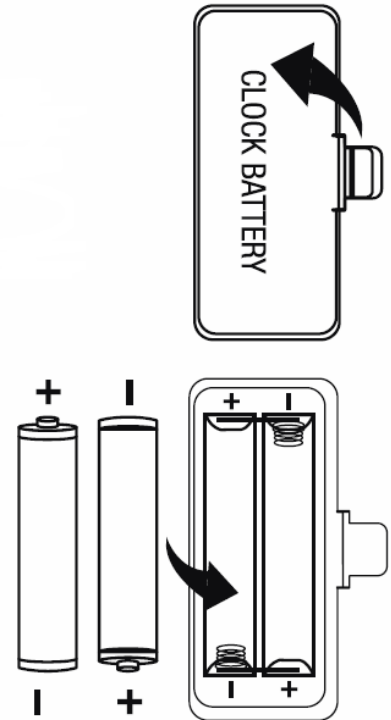
## Battery Installation

Two AAA batteries are provided to keep the table radio's clock running and backup the internal memory should power be interrupted. The batteries do not power the table radio or light the display.

1. Locate the clock battery cover on the back of the table radio.
2. Press the tab on the cover and remove.
3. Insert each of the AAA batteries provided into the battery compartment making certain to match the battery (+) and (-) polarities as shown.
4. Reinstall the clock battery cover making certain the tab snaps in place to secure the cover.



**WARNING:** Do not expose the batteries to excessive heat such as sunshine, fire, or the like.



## Antenna Installation

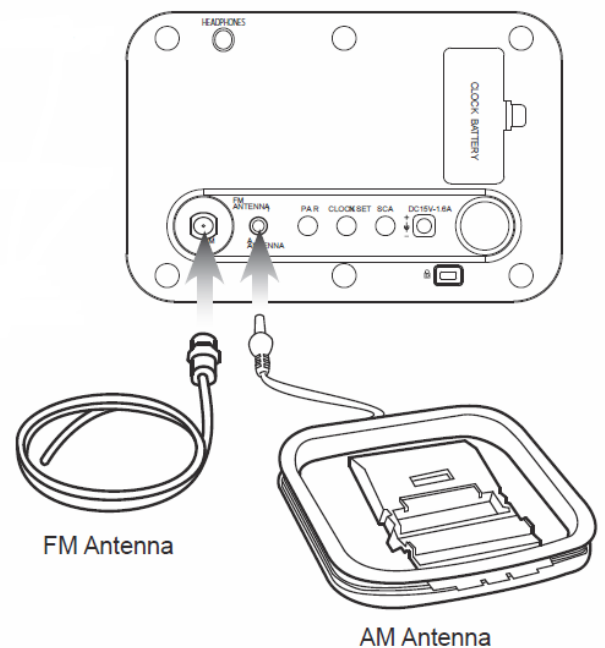
The table radio relies upon two externally connected antennas for signal.

### FM ANTENNA

1. Connect the supplied FM antenna to the FM antenna jack on the back of the radio.
2. Alternatively, an FM signal available on a CATV system cable can be connected. Contact your cable provider for assistance.

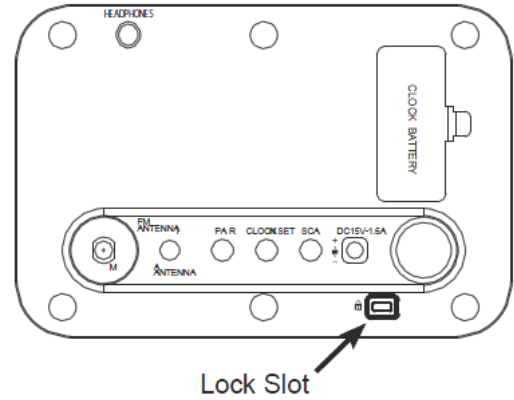
### AM ANTENNA

1. Connect the supplied AM antenna to the AM antenna jack on the back of the radio.



### ***Anti-Theft Lock***

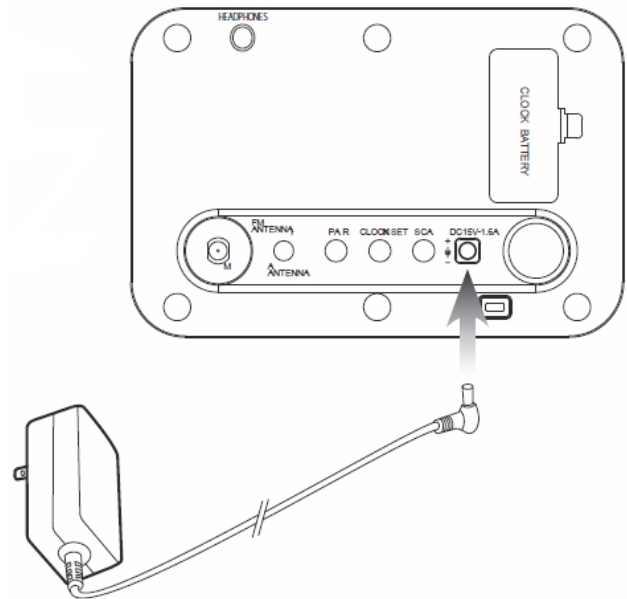
A laptop cable lock (not supplied) can be attached to the back of the radio to deter theft.



### ***Power Adapter Installation***

The radio is powered from an external power adapter.

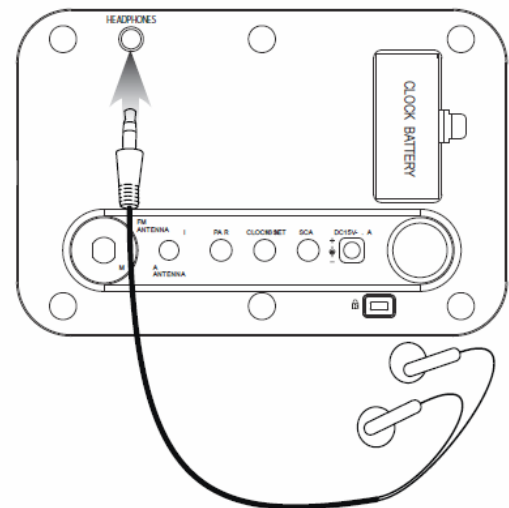
1. Connect the Power Adapter plug into the DC power jack on the back cabinet.
2. Connect the body of the Power Adapter into an AC wall outlet.



### ***Headphone Connection***

For private listening, the radio comes equipped with a rear mounted headphone jack.

1. Connect the headphones (not supplied) to the Headphone Jack. The Radio's internal speakers will be muted. Radio sound should now play through the connected headphones.
2. Disconnect the headphones to restore sound to the radio's internal speakers.



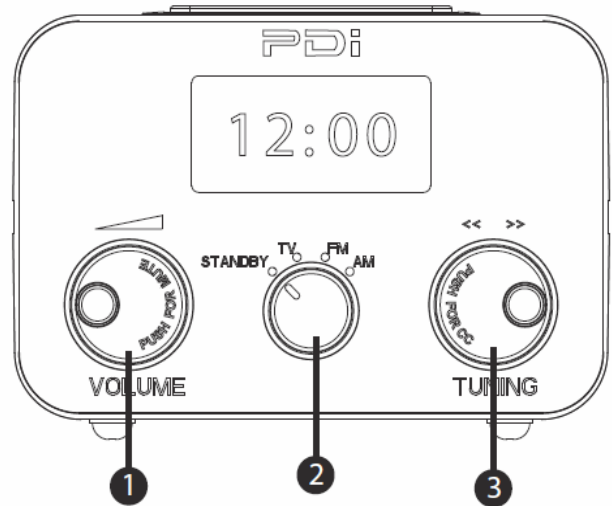


## PROGRAMMING

### Controls

Three knobs control the functions of Volume, Mode, and Tuning.

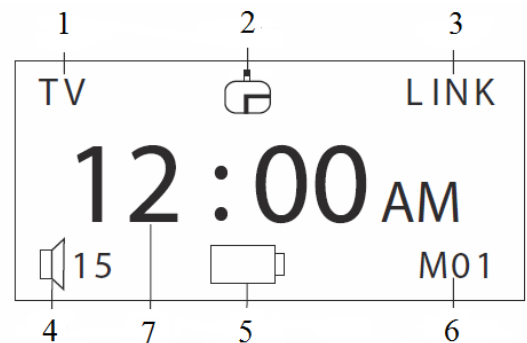
1. **VOLUME** – Adjust volume. Push in and release to mute sound. Push in again and release or rotate knob to un-mute.
2. **MODE** – Place the radio in Standby, TV, FM, or AM mode.
3. **TUNING** – Tune AM, FM, and TV channels. In TV mode, push in and release for Closed Captions.



### Display

The front display provides a considerable amount of information.

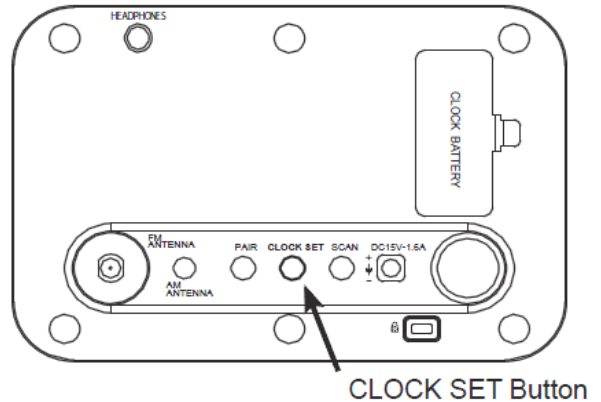
1. **MODE** – Display active TV, FM, or AM mode.
2. **ALARM** – Icon visible when alarm is enabled.
3. **LINK** – Icon visible when radio is linked to a TV.
4. **VOLUME** – Volume level (0-30)
5. **BATTERY** – Replace batteries when icon is visible.
6. **MEMORY** – Active memory channel (0-20).
7. **TIME/FREQUENCY** – Displays current AM/FM frequency or time.



## Setting the Clock

The clock is set using the CLOCK SET button and the Tuning knob. Push in on the Tuning knob to advance through the clock settings.

1. Place the radio in STANDBY mode.
2. Press and hold down the CLOCK SET button on the back of the radio until the Time Display Hours begins to blink. Release the button.
3. Turn the tuning knob clockwise or counter clockwise to set the current hour.
4. Push in and release the tuning knob until the minute display begins to blink.
5. Turn the tuning knob clockwise or counter clockwise to set the current minutes.
6. Push in and release the tuning knob, turn it clockwise or counter clockwise to select 12 or 24 hour display format.
7. Push in and release the tuning knob to exit.



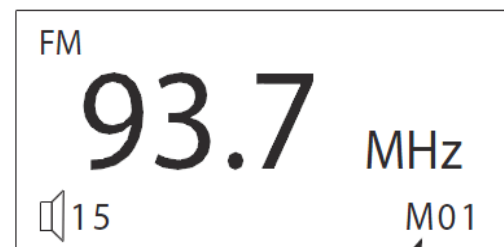
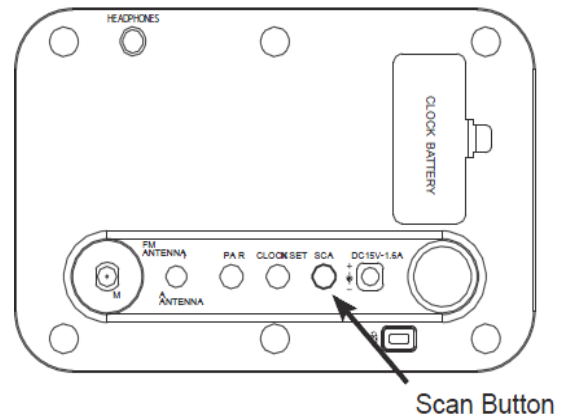
## Searching for Radio Stations

AM or FM radio stations can be manually tuned or scanned and stored into the radio's channel memory. The radio's channel memory is then tuned during normal listening.

1. Turn the radio to the desired mode either FM or AM.
2. Press and hold down the *Scan* button on the back of the radio until the front frequency display begins to scan. The Memory indicator will index as the radio discovers active stations and reads them into memory.
3. Advance through the stored memory channels using the tuning knob and check for stored stations.

Note: If the radio does not discover expected stations, try to reorient the antenna for better reception, and scan again.

4. Alternately, press the *Scan* button until the memory indicator disappears and tune the radio manually.



Memory Indicator



## Wireless Pairing to a Television

To pair the radio with the TV, you must have a PDi program remote and a PDi television that offers wireless capability. Using the remote, confirm the proper TV settings are enabled using steps below. Once pairing is complete, control of the TV and TV sound will be available through the table radio.

1. Press **SETUP** on the program remote and press **▼** to highlight *System* menu
2. Press **▶** to enter.
3. In the System menu, press **▼** to highlight *Standby Power*.
4. Press **▶** to set Standby Power to *Normal*.
5. Press **SETUP** or **OK** to go back to the **SETUP** menu and press **▲** to highlight *Features* menu.
6. In the Features menu, press **▼** to highlight *Wireless*.
7. Press **▶** to select *Wireless PDi*.

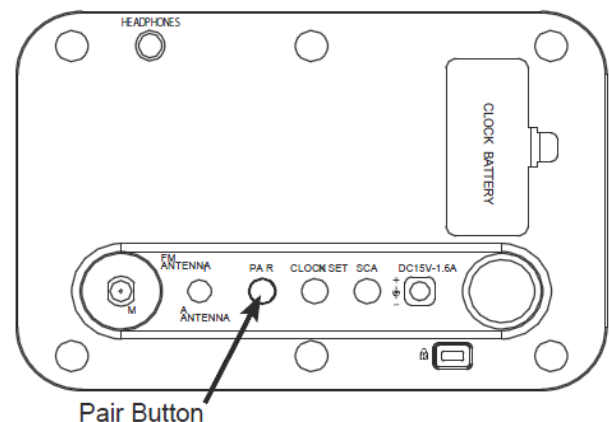
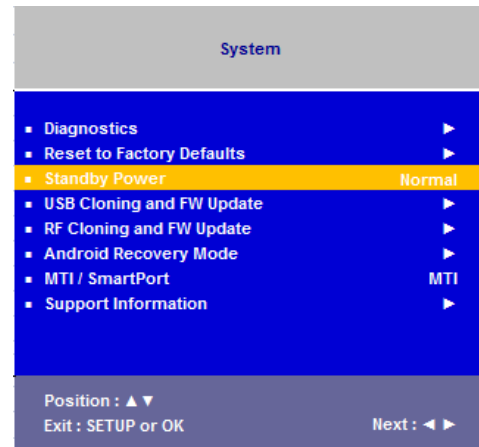
Press **SETUP** until you are out of the setup screen.

8. On the program remote, press the *Blue* button to bring up the Wireless Pairing Data Interface menu.
9. Press **▶** to set the wireless status to *Wireless PDi*.

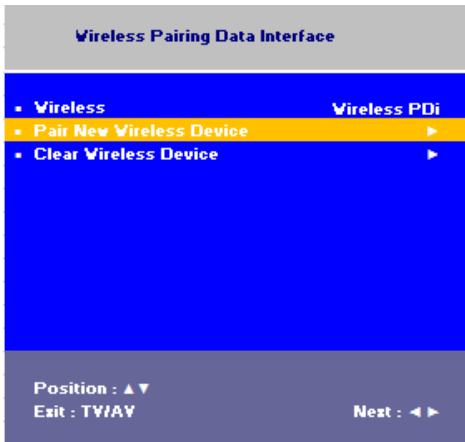
Now set the Radio to TV mode.

Press and hold down the Pair button on the back of the radio for 5 seconds until the word *PAIR* appears on the radio's display.

The radio will remain in Pairing Mode for 180 seconds. If necessary re-enable Pairing Mode by depressing the Pair button for 5 seconds.

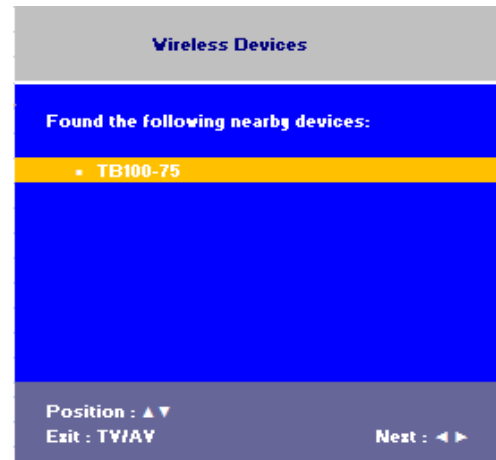


10. Press **▼** to highlight *Pair New Wireless Device* and then press **▶**. The TV will now search for available nearby wireless devices.



11. In the *Wireless Device Listing* menu, select the appropriate table radio device recently located, keeping in mind that more than one device may appear and press *Next*: **▶**.

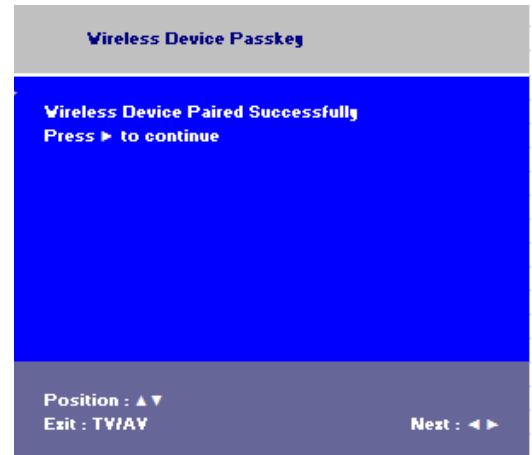
NOTE: Listing of wireless devices may differ from those illustrated.



12. You will be asked to enter a passkey number. **0000** is the default code. Enter and press *Next*: **▶**.



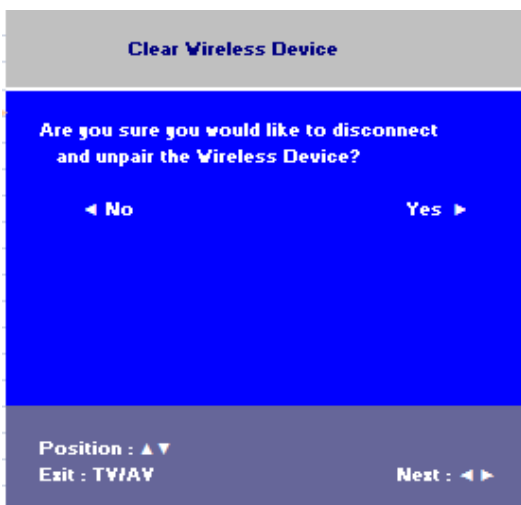
13. A success message will appear when the radio is paired with the TV. Press Volume up to continue.
14. On the display of the TR-100, top right corner, there should be the word “LINK”. This means the TV and TR-100 (or other device) are paired.
15. Check for TV sound from the radio.
16. Adjust the Tuning knob on the radio. The TV displays channel numbers as the knob is rotated. Select the desired channel. The TV should then change to the displayed channel.
17. Turn the Mode knob to *Standby*, *AM*, or *FM*. The TV should turn off for all modes except when set to *TV*. Turn the knob to *TV* – the TV should turn on.



### ***Clearing a Wireless Paired Device***

A device that is linked to the radio can be disconnected. To disconnect the TV from the radio use the following procedure.

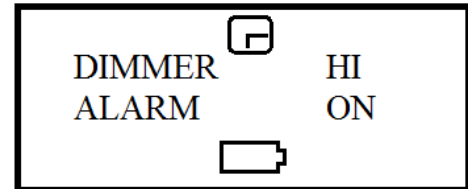
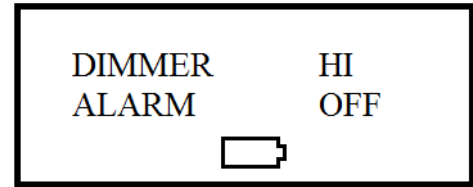
1. Turn the radio to TV mode.
2. On the program remote, press the blue button.
3. In the Wireless Audio menu highlight *Clear Wireless Audio Device*. Press ▶ to select.
4. A confirmation screen will appear. Select *yes* to disconnect the device.
5. Verify the radio is no longer linked to the TV.



## ADDITIONAL SETTINGS

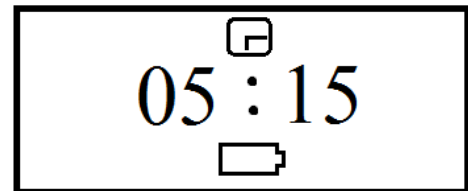
### *Display Brightness Adjustment*

1. Place the radio in STANDBY mode.
2. Push the Tuning Knob in for 3 seconds until the display changes to *DIMMER ALARM*.
3. Turn the tuning knob clockwise or counter clockwise to set the display brightness to either HI (high), MI (medium), or LO (low).
4. Push the tuning knob in to advance the selection to *ALARM*.
5. Turn the tuning knob clockwise or counter clockwise to turn the ALARM on or off.



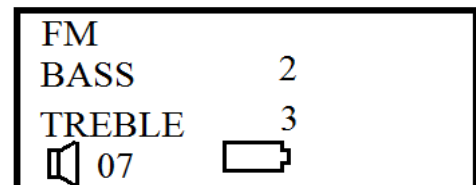
### *Setting the Alarm*

1. To set the Alarm Time, turn the ALARM On and then press the Tuning Knob once to display the Alarm's time.
2. Turn the Tuning knob clockwise or counter clockwise to set the desired hour.
3. Push in on the Tuning knob until the minute display begins to blink.
4. Turn the Tuning knob clockwise or counter clockwise to set the desired minutes.
5. Push in on the Tuning knob to exit.
6. Turn either the Volume or Tuning knob to silence the Alarm.



### *Bass and Treble Adjustment*

1. Place the radio in AM or FM mode.
2. Push the tuning knob in for 3 seconds until the display changes to BASS TREBLE.
3. Turn the tuning knob clockwise or counter clockwise to set the Bass level (-3 ~ 3).
4. Push the tuning knob in to advance the selection to Treble.
5. Turn the Tuning Knob clockwise or counter clockwise to set the Treble level (-3 ~ 3).
6. Push in on the Tuning knob to exit.



## TROUBLESHOOTING

SYMPTOM	RESOLUTION
Radio does not function.	<ul style="list-style-type: none"> <li>• Make certain the Power Adapter wired connector is inserted securely into the radio.</li> <li>• Verify the Power Adapter is plugged fully into a powered AC wall outlet.</li> </ul>
No Sound.	<ul style="list-style-type: none"> <li>• Increase the Volume.</li> <li>• Push in and release the Volume button and verify the radio sound is not muted.</li> <li>• Disconnect Headphones if connected and recheck for sound.</li> </ul>
Table radio does not link or control TV.	<ul style="list-style-type: none"> <li>• Verify that the TV is a PDI brand with wireless option.</li> <li>• Verify the PDI television model offers wireless connectivity by turning the TV On and then press and hold down the TV/AV button for 6 seconds - a Wireless Audio menu will appear on compatible models.</li> <li>• Verify the Table Radio is within 30 feet of the TV.</li> </ul>
AM radio reception is weak.	<ul style="list-style-type: none"> <li>• Verify the external AM Antenna is connected.</li> <li>• Re-scan for channels.</li> <li>• If the radio does not discover expected stations, try to reorient the antenna for better reception and Scan again.</li> <li>• Move the radio farther away from sources of interference such as fluorescent lights or other electronic equipment which generate electrical noise.</li> <li>• The radio's location may be in an area of weak AM signal</li> </ul>
FM radio reception is weak.	<ul style="list-style-type: none"> <li>• Verify the external FM Wire Antenna is connected.</li> <li>• Re-scan for channels.</li> <li>• If the radio does not discover expected stations, try to reorient the antenna for better reception and Scan again.</li> <li>• The radio's location may be in an area of weak FM signal</li> </ul>

### ***Customer Service***

For additional help in resolving problems, contact PDi Customer Service.

PDi Communication Systems, Inc.  
 40 Greenwood Lane  
 Springboro, Ohio 45066  
 PH: 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 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 Ext 505.

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.

The information and technical data in this manual is believed accurate, but is not warranted and is subject to change without notice or obligation. PDi reserves the right to change this policy without advance notice.