



**paul frank®**

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## **am/fm clock radio with battery back-up**



Owner's Manual  
PF250

**CAUTION : ELECTRICALLY OPERATED PRODUCT-**  
Please use care when plugging into AC outlet.

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**



The lightning flash and arrow head within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.

**CAUTION**

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (ON BACK), NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

## **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. Cleaning – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. 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. A polarized plug has two blades with one wider than the other. A grounding type plug has 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. Unplug this apparatus during lightening storms or when unused for long period of time.
13. 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.
14. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
15. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
16. Main plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
17. Caution Marking and rating plate was located at bottom enclosure of the apparatus.
18. **WARNING - THIS IS A CLOCK RADIO - NOT A TOY! TO AVOID RISK OF FIRE, BURNS, PERSONAL INJURY AND ELECTRIC SHOCK IT SHOULD NOT BE PLAYED WITH OR PLACED WHERE SMALL CHILDREN CAN REACH IT.**

For future reference, record the serial number in the space provided.

**Model Number : PF250**

**Serial Number :** \_\_\_\_\_

## PREPARATION FOR USE

### UNPACKING AND SET UP

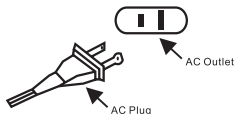
- Remove the clock radio from the carton and remove all packing material from the clock radio. We suggest that you save the packing material, in the unlikely event that your radio ever needs to be returned for service. The original carton and packing material is the only safe way to pack your radio to protect it from damage in transit.
- Remove any descriptive labels or stickers on the front or top of the cabinet. Do not remove any labels or stickers from the back or bottom of the cabinet.
- Note the serial number on the bottom of your radio and write this number in the space provided on Page 2 of this manual.
- Place your clock radio on a level surface such as a table, desk or shelf, convenient to an AC outlet, out of direct sunlight, and away from sources of excess heat, dirt, dust, moisture, humidity, or vibration.
- Unwind the AC power cord.

## POWER SOURCE

This radio is designed to operate on 120V 60Hz AC power only. Do not attempt to operate the radio on any other power source. You could cause damage to the radio that is not covered by your warranty.

This radio should be connected to an AC outlet that is always 'live'. Do not connect it to an outlet that is controlled by a wall switch. When the power to the radio is interrupted, the Sure Alarm battery back up system takes over to maintain the time and alarm settings. To maximize the life of the back up battery, keep the radio connected to a 'live' AC outlet at all times.

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.



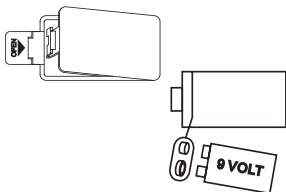
### BATTERY BACK UP SYSTEM

The battery back up system in this clock radio will maintain the time and alarm settings in the event of a temporary power interruption. When the AC power is restored the time and alarm settings will be correct. If the AC power is off at your wake up time, the system will use the battery power to turn on the radio or buzzer alarm as usual, as long as the back up battery is installed and has sufficient power remaining.

The battery back up system requires one 9-volt battery, not included. We recommend that you install an alkaline battery for longest life and best performance.

## TO INSTALL THE BATTERY

- Open the battery compartment cover on the bottom of the radio by pressing the tab in the direction of the arrow.
- Connect the 9-volt battery to the battery clip. It can only be connected one way.
- Push the battery into the battery compartment and replace the cover.



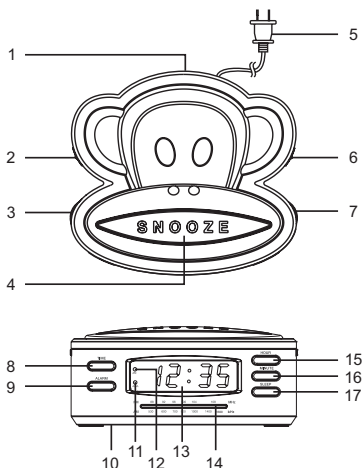
## POWER FAILURE INDICATOR

If no battery is installed in the radio, or if the battery in the compartment is weak or dead, the time and alarm settings will be lost when the power is interrupted. When the AC power is restored the clock display will begin flashing. This indicates that the time display is incorrect and needs to be reset.

## IMPORTANT:

After you reset the time, be sure to reset your alarm settings as well.

## LOCATION OF CONTROLS AND INDICATORS



1. Speaker. (At rear cabinet)
2. FUNCTION Selector Switch (OFF/ON/AUTO/ALARM)
3. VOLUME Control
4. SNOOZE button
5. AC Power Cord
6. BAND (AM/FM) Selector Switch
7. TUNING Control
8. TIME Adjustment Button
9. ALARM Button (Alarm Time Adjustment)
10. Battery Compartment (At bottom of cabinet)
11. ALM (Alarm) 'On' Indicator
12. PM Indicator
13. LED Clock Display
14. AM/FM Dial Scale
15. HOUR Button
16. MINUTE Button
17. SLEEP Button

## OPERATING INSTRUCTIONS

### SETTING THE CLOCK

When you connect the radio to your AC outlet for the first time the clock display will begin flashing "12:00". The flashing will stop when you set the time.

1. Depress the TIME button and the HOUR button to set the correct Hour.
2. Depress the TIME button and the MINUTE button to set the correct Minute.



**NOTE:** Be sure to observe the PM indicator to make sure that the time is set correctly for AM or PM. If the PM indicator is 'On', the time displayed is "PM". If the PM indicator is 'Off', the time displayed is "AM".

### SETTING THE WAKE UP TIMES

1. Depress the ALARM button and the HOUR button to set the correct wake up Hour.
2. Depress the ALARM button and the MINUTE button to set the correct wake up Minute.

**NOTE:** Be sure that you have set the wake up time correctly by observing the PM Indicator. If the PM indicator is 'On' the wake up time is "PM". If the PM Indicator is 'Off', the wake up time is "AM".

### CHECKING THE WAKE UP TIMES

Whenever you want to check the wake up time, simply press ALARM button. The display will change from correct time to wake up time. Release the ALARM buttons to return to correct time.

## LISTENING TO THE RADIO

1. Set the BAND selector to the desired band, AM or FM.
2. Set the VOLUME control to a low setting.
3. Slide the FUNCTION switch to the ON position.
4. Select your desired station with the TUNING control.
5. Adjust the VOLUME control to the desired setting.
6. When you are finished listening, slide the FUNCTION selector to OFF position to turn the radio 'Off'.

### ANTENNA INFORMATION

AM - The AM bar antenna is inside the cabinet. If AM reception is weak, change the position of cabinet until the internal antenna picks up the strongest signal,



FM - The FM antenna is built in the unit. If FM reception is weak try varying the position of the radio until you find the strongest signal.

## ALARM OPERATION

### WAKE TO RADIO

1. Slide the FUNCTION selector to ON and select the band, station, and volume level that you wish to hear when the alarm comes 'On', then slide the FUNCTION selector to AUTO position.
2. Reconfirm the wake up time settings by pressing the ALARM button.
3. At the selected wake up time the radio will turn 'On'. It will play for about two hours and then shut off automatically.
4. To stop the radio sooner, press ALARM button. The radio will stop but the alarm remains set and will turn the radio on again at the same time on the following day.
5. If you do not want the alarm to turn the radio on the following day, set the FUNCTION selector to the 'OFF' position

## WAKE TO ALARM

1. Set the FUNCTION selector to the ALARM position. The "ALM" indicator will light up to confirm that the alarm is set.
2. At the selected wake up time the alarm will beep. It will continue for about two hours and then shut off automatically.
3. To stop the beep sooner, press the ALARM button. The beep will stop but the alarm remains set and will turn the beep on again at the same time on the following day.
4. If you do not want the alarm to turn the beep on the following day, set the appropriate FUNCTION selector to the 'OFF' position.

## SNOOZE ALARM

After the radio or alarm sounds in the morning you may press the SNOOZE button for a few more minutes sleep. The alarm will stop for approximately 9 minutes and then turn on again.

# SLEEP OPERATION

## SLEEP TO MUSIC TIMER

You can program the sleep timer to play the radio for up to 1 hour 59 minutes and then shut off automatically.

1. Press the SLEEP button. The display will briefly show "0: 59". While holding the SLEEP button press the HOUR button, the display shows "1: 59" and the radio will begin to play. After 1 hour 59 minutes the radio will shut off automatically.
2. To adjust the amount of time that the radio will play before shutting off, hold the SLEEP button. Then press MINUTE button to adjust the desired amount of before shutting off. When the desired amount of sleep time appears on the display, release the buttons.
3. To cancel the sleep timer before it counts down to "00" and shuts the radio "off" automatically, press the SNOOZE button.

## IMPORTANT:

Remember that the station and volume settings you choose for the "Sleep To Music" operation are the same settings you will hear if you set the alarm for "Wake To Radio" the following morning.

## CARE AND MAINTENANCE

1. Avoid installing the unit in locations described below:
  - Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
  - Places subject to constant vibration.
2. Avoid operating your unit under direct sunlight or in hot, humid or dusty places.
3. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.
4. Always unplug the unit before cleaning. Clean the unit with a soft, damp (never wet) cloth. Solvent or detergent should never be used.

## COMPLIANCE WITH FCC REGULATIONS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation. 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 the interference by one or more of the following measures:

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

### WARNING

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



## 90 DAY LIMITED WARRANTY AND SERVICE VALID IN THE U.S.A. ONLY

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants this unit to be free from defective materials or factory workmanship for a period of 90 days from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicate copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.

This warranty is valid only in accordance with the conditions set forth below:

1. The warranty applies to the SPECTRA product only while:
  - a. It remains in the possession of the original purchaser and proof of purchase is demonstrated.
  - b. It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the user manual or non-SPECTRA approved modifications.
  - c. Claims are made within the warranty period.
2. This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA user manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the user manual.
3. Warranty of all SPECTRA products applies to residential use only and is void when products are used in a nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) and pack the unit carefully and send it freight prepaid to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so please include your name, address, phone number and email address to expedite the process.

IF THE UNIT IS OUTSIDE THE WARRANTY PERIOD, please include a check for \$10.00 to cover the cost of repair, handling and return postage. All out of warranty returns must be sent prepaid.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by email at [custserv@spectrainl.com](mailto:custserv@spectrainl.com) for updated information on the unit requiring service. In some cases the model you have may be discontinued, and SPECTRA reserves the right to offer alternative options for repair or replacement.

SPECTRA MERCHANDISING INTERNATIONAL, INC.  
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Chicago, IL60634, USA.  
1-800-777-5331

To register your product, visit the link below to enter your information.  
<http://www.spectrainl.com/wform.htm>