

# Palsonic

## INSTRUCTION MANUAL

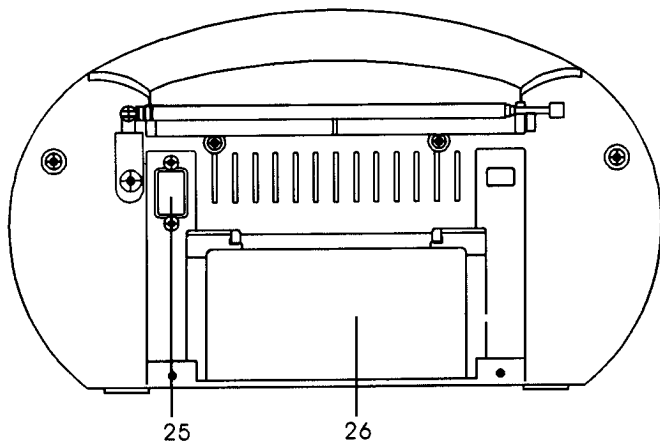
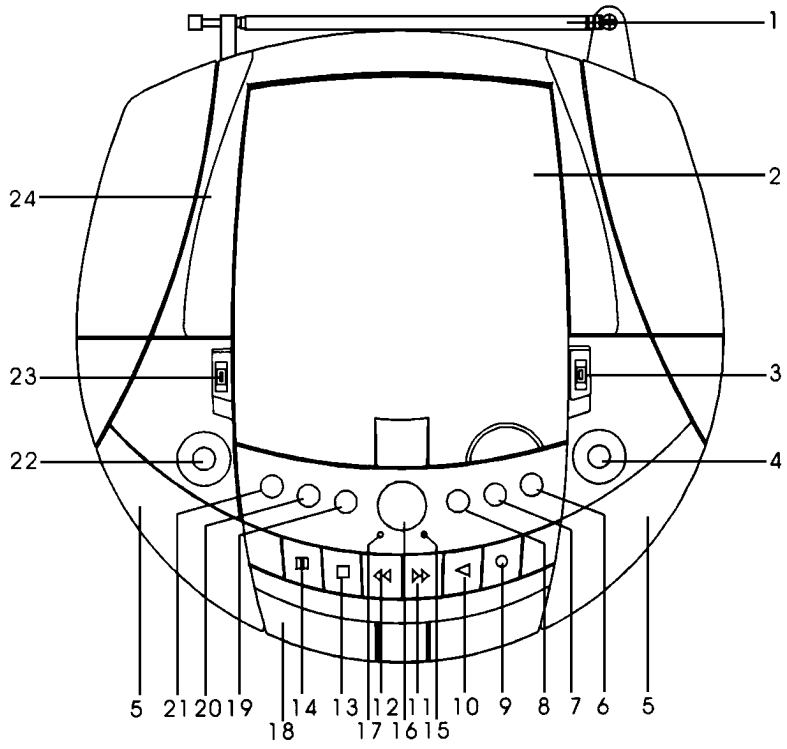
STEREO CASSETTE RECORDER WITH CD

**PRC-161**



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To achieve the utmost in enjoyment and performance, please read this manual carefully before attempting to operate the unit in order to become familiar with its features, and assure you years of faithful, trouble free performance and listening pleasure

### Important Notes

- Keep instructions the safety and operating instructions should be retained for future reference.
- Avoid installing the unit in locations described below:  
Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.  
On top of other stereo equipment that radiate too much heat.  
Places locking ventilation or dusty places.  
Places subject to constant vibration.  
Humid or moist places.
- Make sure not to obstruct the ventilation opening.  
Operate turning controls and switches as instructed in the manual.
- Before turning on the power for the first time, make certain the power cord is properly installed.
- Store your tapes or CD in a cool area to avoid damage from heat.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel.

Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personnel.



**CAUTION**  
RISK OF ELECTRICAL SHOCK  
DO NOT OPEN



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



### DANGEROUS VOLTAGE

Conductor dangerous voltage, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.



### ATTENTION

The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

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

### Note:

This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

This CD player includes micro-processors which may malfunction as A result of external electrical interference or noise. If the CD player is not working properly, disconnect the power source and then reconnect it.

## ■ FEATURES AND CONTROLS

1. FM ANTENNA
2. CD DOOR
3. FUNCTION SWITCH (FM ST/FM/AM)
4. TUNER KNOB
5. SPEAKER
6. PROGRAM BUTTON
7. CD STOP BUTTON
8. CD PLAY/PAUSE BUTTON
9. CASSETTE RECORD KNOB
10. CASSETTE PLAY KNOB
11. CASSETTE REWIND KNOB
12. CASSETTE F.FWD KNOB
13. CASSETTE STOP/EJECT KNOB
14. CASSETTE PAUSE KNOB
15. FM ST. LED
16. LCD DISPLAY
17. POWER LED
18. CASSETTE DOOR
19. CD SKIP F.F BUTTON
20. CD SKIP F.R BUTTON
21. REPEAT BUTTON
22. VOLUME KNOB
23. FUNCTION SWITCH (RADIO/TAPE/CD)
24. HANDLE
25. AC SOCKET
26. BATTERY DOOR

## ■ RADIO OPERATION

Set the FUNCTION switch to RADIO.

### FM

Select FM mode band selector switch. Turn the TUNING control to select the required station. The FM stereo indicator light will show a stereo broadcast is being received. Fully extend the FM antenna and adjust its direction for best FM reception.

### AM

Select AM on band selector switch Turn the TUNING control to select the required station. For operation on AM the set control a built-in ferrite aerial which is directional Therefore, the set should be positioned for the best signal strength.

### FM STEREO RECEPTION

For reception of a FM stereo broadcast station, set the FUNCTION selector to stereo position. The FM stereo indicator will light when a FM STEREO broadcast is being received.

## ■ CASSETTE OPERATION

### PLAYBACK OF CASSETTES

Be sure to tighten any slack tape in the cassette before use, using either a pencil or a ball-point pen, simply insert the pen or pencil into the centre of the spool and rotate to remove slackness. Depress the STOP/EJECT button to open the cassette door.

Insert the cassette into the compartment with the open end facing downwards and the full reel on the left hand side, push the cassette well down and close the door, be sure not to touch the tape surface select "tape" on the FUNCTION switch and press the play button To stop playback, press the STOP/EJECT button once To release the cassette press the STOP/EJECT button again.

### RECORDING FROM RADIO

Set the FUNCTION switch to radio select AM or FM on WAVEBAND switch and tune to the desired broadcast (refer to radio operation section). Insert a cassette into the deck and press the record button. Press the STOP/EJECT button to stop recording. The PAUSE button can be used to stop recording for short intervals.

### RECORDING FROM CD

Set the FUNCTION switch to CD. Select the required tracks to be recorded. Insert a cassette into the cassette deck and press the RECORD button. Press the STOP/EJECT button to stop recording.

### LISTEN THE MUSIC BY USING HEADPHONE

Headphone socket is provided on the unit. You can use headphone by inserting the headphone jack to the socket.

### AUTO STOP

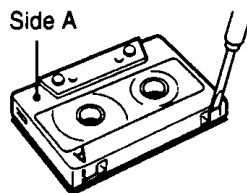
When the tape reached the end in play or record, the built-in auto stop system functions to release the depressed play, record keys. The auto stop system operates while recording from the built-in radio or CD player, only the cassette function is brought automatically to a stop and the radio or CD player will continue to play.

### TYPES OF CASSETTES

Use only good quality ferric cassettes (IEC TYPE 1) for making recordings. May be used to replay other types of cassette but is unable to make proper recordings on these more specialist tapes. The use of C120 cassettes is NOT recommended in this machine.

### PROTECTING RECORDINGS

Normally, anything recorded on the tape is automatically erased when new recording is made. It is possible to protect your recordings from accidental erasure by removing the tabs found on the rear of the cassette.

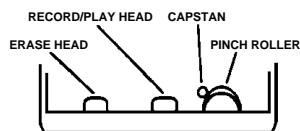


When the cassette is held with the recorded side upper-most and exposed tape facing the front, the protective tab will be found on the left rear of the cassette.

All pre-recorded cassette are protected in this way to prevent accidental erasure of the commercial recordings "protected" cassettes will prevent the record button from being operated. If at any time you attempt to record and find that this button will not depress, never force the mechanism or it may be damaged. Check that a cassette has been loaded and that tab has not been removed. Recording on a cassette from which the tabs have been removed can be done by covering the tab openings with a piece of adhesive tape.

### CARE OF CASSETTE MECHANISM

Gently clean the tape head and pinch-wheel/capstan assemblies after every 10 hours of use until all traces of oxide deposit have been removed. A range of cassette care products is available.



The erase head and record/play head and the surface of the pinch roller are delicate and must not be touched with metal objects such as screwdrivers. You may find it easier to clean the assembly by pressing the PLAY button to bring head and pinch roller into view. Be sure to press the STOP button after cleaning the mechanism.

Damage to the pinchwheel can occur if the unit is left in PLAY mode with the power switched off. Under no circumstances should you attempt to lubricate any part of the machine.

**WARNING**

*Disconnect from the mains at the wall socket when not in use Do not expose the set to rain or moisture.*

■ **LISTENING TO COMPACT DISC (CD)**

The LCD indicator always shown the tracks of a disc or program which are still to be played It works in all modes, in stop modes, all tracks of the disc or the program are shown.

**Playing The Entire Disc**

1. Playback will start by pressing PLAY/PAUSE the indicator then appears.  
Playback starts with the first track The display shown the current track number and its elapsed time.
2. To interrupt playback, press PLAY/PAUSE The time elapse indicator will flash.
3. To resume playback, press PLAY/PAUSE again.
4. To stop playback, press STOP

**Selection A Different Track During Play**

1. Press SKIP FORWARD /BACKWARD button on the unit (or remote), the required track number appears in the display.
2. Press PLAY/PAUSE button to starting playing Starting again with the track that is currently playing.
3. Press SKIP F R button once.
4. The track will be started again from the beginning.

**Starting Again With The Track That is Currently Playing**

1. Press SKIP F.R. once.
2. The track will be started again from the beginning.

**Stopping Play**

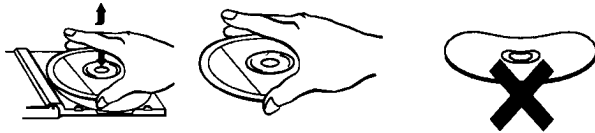
1. Press STOP if you wish to stop play The disc and track number which can be played will now appear in the display.
2. Open the CD door on the unit to remove the CD.

■ **COMPACT DISC**

1. Always use a compact discs bearing the mark as shown.



2. Notes on handling discs  
 Removing the disc from its storage case and loading it



- Do not touch the reflective recorded surface.
- Do not stick paper or write anything on the surface.
- Do not bend the disc.

3. Storage
- Store the disc in its case.
  - Do not expose discs to direct sunlight or high temperatures, high humidity or dusty places.

4. Cleaning a disc
- Should the disc become soiled, wipe off dust, dirt and fingerprints with a soft cloth.
  - The disc should be cleaned from the centre to the edge.

FROM THE CENTRE TO THE EDGE



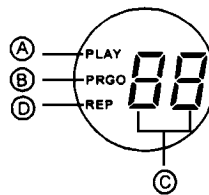
CORRECT

INCORRECT

- Never use benzene thinners, record cleaner fluid or anti static spray.
- Be sure to close the CD door so the lens is not contaminated by dust.
- Do not touch the lens.

## ■ CD DISPLAY WINDOW

- A. PLAY INDICATOR
- B. PROGRAM INDICATOR
- C. TRACK NUMBER DISPLAY
- D. REPEAT INDICATOR



## ■ PROGRAMMED PLAYBACK

Up to 20 tunes can be programmed for listening and played

- 1 Press the PROG Button The following information will be displayed on the display
- 2 Select the desired track using the Forward "SKIP F.F." and Reverse "SKIP F.R." buttons
- 3 Press the PROG Button The first program selection IS now stored in the program memory
- 4 Select the next desired track using the "SKIP F.F." and "SKIP F.R." buttons
- 5 Press the PROG Button

PRGPr

PRG07

PRGPr

Continue entering tracks in this way until all the desired tracks are store (up to 20)

**Notes** If the PLAY/PAUSE Button is pressed before the PROG Button is pressed to store a track, the track will not be programmed, and the disc will start playing from the first selected track Any track can be programmed to play more than once.

## ■ REPEAT PLAY

When playing CD, if you desire to repeat the same track only, press REPEAT button once and the "REP" display will light up and flash. If repeat all, press the REPEAT button twice and the "REP" display will light up and not flash. To cancel repeat play, press the STOP button twice until the repeat indicator disappeared.

## ■ SPECIFICATION

POWER SUPPLY :	AC 240V ~ 50Hz DC 12V
OUTPUT POWER :	1.5 WATTS RMS x 2
POWER CONSUMPTION :	13W
ACCESSORY BATTERY :	NOT INCLUDED
UNIT DIMENSION :	290.8(L) x 284.2(W) x 169.3(H) mm

### RADIO SECTION

FREQUENCY RANGE :	FM 87.5 - 108 MHz
	AM 522 - 1620 kHz

### CASSETTE SECTION

TAPE SPEED :	4.76 CM/SEC:
FREQUENCY RESPONSE :	125Hz - 8 kHz

### COMPACT DISC SECTION

OPTICAL PICKUP :	3 - BEAM LASER
FREQUENCY RESPONSE :	100Hz - 16 kHz

Design and Specification subject to change without notice

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