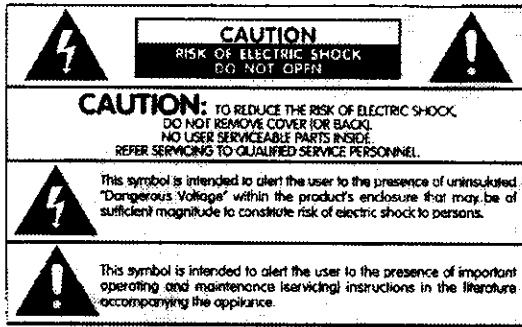


Instruction manual
Mode d'emploi
Manual de instrucciones



**TWO TONE
TURNTABLE
CD PLAYER**
SPIRIT OF ST. LOUIS


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



The above symbols are located at the bottom enclosure of the product.

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

IMPORTANT SAFETY INSTRUCTIONS

1. Read Instructions - All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Read Warnings - All warning on the product and in the operating instructions should be adhered to.
4. Follow Instructions - All operating and use instructions should be followed.
5. Cleaning - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. Water and Moisture - Do not use this product near water - for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, or in a wet basement, or near a swimming pool, and the like.
8. Accessories - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn. 
10. Ventilation - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and 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/this instruction have been adhered to.
11. 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 instruction.
12. Grounding or Polarization - This product may be equipped with a polarized alternating-current line plug having one blade wider than the other. This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
13. Power-Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords or plugs, convenience receptacles, and points where they exit from the product.
14. Protective Attachment Plug - The product is equipped with an attachment plug having overload protection. This is a safety feature. See instruction Manual for replacement or resealing of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
15. 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.
16. Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
17. Overloading - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
18. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
19. Servicing - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power-supply cord or plug is damaged,
 - b) If liquids has been spilled, or objects have fallen into the product,
 - c) If the product has been exposed to rain or water,
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.

e) If the product has been dropped or damaged in any way, and

f) When the product exhibits a distinct change in performance - this indicates a need for service.
21. 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.
22. Safety Check - Upon completion of any service or repairs to this product, ask the service technician to perform safety check to determine that the product is in proper operating condition.
23. Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

FCC Requirements

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.

Note:

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/TV technician for help.

FEATURES

- 3 SPEED TURNTABLE
- AM/FM FULL RADIO
- DRAWER TYPE CD PLAYER
- 26 KEYS REMOTE CONTROL

LOCATION OF PARTS

- 1) SPEAKER
- 2) POWER ON/OFF BUTTON
- 3) REMOTE SENSOR
- 4) LCD DISPLAY
- 5) AM/FM BUTTON
- 6) VOLUME DOWN BUTTON
- 7) VOLUME UP BUTTON
- 8) BACK SKIP/TUNER DOWN BUTTON
- 9) FORWARD SKIP/TUNER UP BUTTON
- 10) MEMORY BUTTON
- 11) CD BUTTON
- 12) PHONO BUTTON
- 13) OPEN/CLOSE BUTTON
- 14) CD DOOR
- 15) PLAY/PAUSE BUTTON
- 16) STOP BUTTON
- 17) RUBBER MAT
- 18) ADAPTER FOR 45 RPM RECORDS
- 19) TONE ARM
- 20) SPEED CONTROL
- 21) TONE ARM LEVEL
- 22) AC POWER CORD
- 23) ANTENNA WIRE

REMOTE CONTROL

FUNCTION KEY

- 24) POWER ON/OFF BUTTON
- 25) MUTE BUTTON
- 26) TUNER/BAND BUTTON
- 27) NO.1 BUTTON
- 28) NO.4 BUTTON
- 29) NO.7 BUTTON
- 30) NO.0 BUTTON
- 31) PLAY/PAUSE BUTTON
- 32) FORWARD SKIP/TUNER UP BUTTON
- 33) STOP BUTTON
- 34) REPEAT BUTTON
- 35) VOLUME DOWN BUTTON
- 36) OPEN/CLOSE BUTTON
- 37) CD BUTTON
- 38) PHONO BUTTON
- 39) NO.2 BUTTON
- 40) NO.3 BUTTON
- 41) NO.5 BUTTON
- 42) NO.6 BUTTON
- 43) NO.8 BUTTON
- 44) NO.9 BUTTON
- 45) NO.10+ BUTTON
- 46) EQ BUTTON
- 47) BACKWARD SKIP/TUNER DOWN BUTTON
- 48) MEMORY BUTTON
- 49) VOLUME UP BUTTON

UNPACKING THE TURNTABLE

1. Carefully remove unit from its package and take it out of the plastic bag.
2. Open lid and remove tie-wrap by unwinding and gently sliding out from under Tone Arm (19).



3. Remove white protective needle cover by gently pulling towards front of unit.



4. Release tone arm hold down clip by gently pushing to the right. This will unlock Tone Arm (19) from its arm rest.
5. Place the Rubber Mat (17) on the turntable.

POWER CONNECTION

Unwind the AC power cord (22) at the back of the unit and connect it to a power outlet. Unwind the External Antenna (23) to improve FM reception.

TURNTABLE OPERATION

Press the Power On/Off Switch (2/24) location on the front panel or remote control.

1. Select the Phono Button (12/38).
2. Set the Speed Control Switch (20) to desired speed (33 1/3, 45 or 78rpm). Place record on the turntable.
3. Use the Tone Arm Lever (21), gently lower the **Tone Arm** (19) onto the record. Readjust the **Volume Up Button** (7/49) and the **Volume Down Button** (6/35) to the desired level.
4. At the end of the record, the turntable will stop automatically.

- **ACCESSORY:** Adapter for 45 rpm to play the 45 rpm record. Place the Adapter for 45 rpm Records (18) at the center of the turntable as marked before putting on a record.

BASIC OPERATION

Electronic volume control

- A) Press the **Volume Down Button** (6/35) to reduce the volume, the volume level will be shown in the LCD panel.



- B) Holding down the button will result in continuous decrease of the volume.

- C) Press the **Volume Up Button** (7/49) will increase the volume.

Use the function buttons to select the desired mode

- A) Pressing the **CD Button** (11/37) to set the CD mode, the TOC reading starts at will be displayed after finish.

CD TOC reading display

After reading display



- B) Pressing the **Tuner / Band Button** (5/26) to set the tuner mode, and the receiving tuning frequency will be shown.

Receiving tuning frequency display

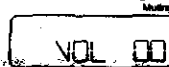


- C) Pressing the **Phono Button** (12/38) to set the phono mode. The "LINE" will be displayed.



MUTING FUNCTION

If the **Mute Button** (25) is pressed, the audio output will be muted, and "VOL 0" is shown for 4 seconds. Then return to the original display.



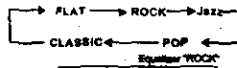
Two times press of the key will set the volume to the original level.

EQUALIZER FUNCTION

1 of 5 presets can be selected by pressing the "EQ" button.



1 of 5 presets can be selected by pressing the "EQ" button.



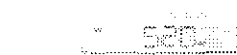
TUNER FUNCTION

Auto searching a station

During the tuner mode, press the **Tuner / Band Button** (5/26) to select the desired reception band.

Press the **Forward Skip / Tuner Up** (9/47) or the **Backward Skip / Tuner Down** (8/32), and then release the button when the last scanning start.

Add hand calculator



The frequency will continue to change and will automatically stop when a broadcast station is received.



Note: if the **Forward Skip / Tuner Up** (9/47) or the **Backward Skip / Tuner Down** (8/32) is pressed during the auto searching, the searching will stop at the point.

When the frequency reached the upper limit or the lower limit, it will automatically changes to the lower or the upper limit and continue scanning.

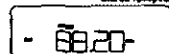
Manual search a station to receive a weak broadcast signal

Press the **Forward Skip / Tuner Up** (9/47) or the **Backward Skip / Tuner Down** (8/32) button by one press at a time to adjust the frequency that you wish to receive.

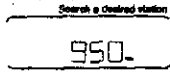
FM stereo broadcasting reception

"STEREO" display will light when a stereo broadcasting station is received.

Stereo reception



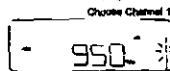
Channel setting method
 20 broadcast stations of FM band and 12 stations of AM band can be stored to the preset memory.
 A) During tuner mode, by using the auto search or manual search methods to find a desired broadcasting station or any desired frequency.



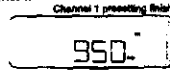
B) Press the **Memory Button (10/48)** to make the channel display "1" appear.



C) Press the **Repeat Button (34)** to choose the desired channel. (e.g. channel 1)



D) Press the **Memory Button (10/48)** again, then the desired station is stored in channel 1.

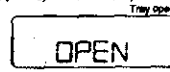


E) Repeat steps (A) to (D) for storing any other broadcast station, to other channels or modifying the existing channel.

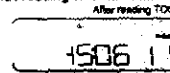
Note:
 1. These procedures are best performed with the remote control.
 2. The **Repeat Button (34)** is also used for changing memory channels of the radio.

CD FUNCTION

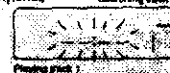
Drawer type
 During the CD mode. Press the **Open / Close Button (13/36)** one time to open the tray.



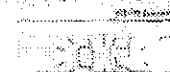
Put a disc inside and then press the **Open / Close Button (13/36)** one time to close the tray. After that, reading TDC will start.



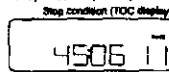
To play the disc
 Press the **Play / Pause Button (15/31)** to play the CD [After reading TOC, the disc can start to play anytime.]



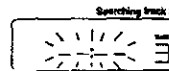
To pause the playing
 Press the **Play / Pause Button (15/31)** during the disc is playing, the playing time will flash.



One more press the **Play / Pause Button (15/31)** will cancel the pause condition.
To stop the disc playing
 Press the **Stop Button (16/33)**.



To specify a track to play
 A) Press the **F. Skip Button (9/47)** or the **B. Skip Button (8/32)** to choose a desired track. (e.g. The 3rd track) Each press will change the track number by one.

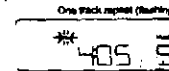


B) If the CD is stopped and the **Play / Pause Button (15/31)** is pressed, the CD will start to play from track 3. If the CD is playing, several seconds after the **F. Skip Button (9/47)** or the **B. Skip Button (8/32)** is released, the CD will start to play from track 3.

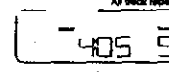


Fast forward and fast backward
 Hold down the **F. Skip Button (9/47)** or the **B. Skip Button (8/32)** button during play. When the button is held down, there will be a continuous change of the CD track's position. This change of position can be performed even during pause.

Repeat playing
 Press the **Repeat Button (34)** one time, "one-track repeat" will be active.

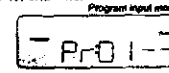


With one more press, "all-track repeat" will be active.

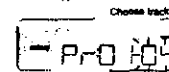


With one more press, the repeat mode is cancelled.

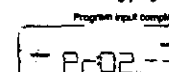
Program playing
 A) In CD mode, press the **Memory Button (10/48)** one time.



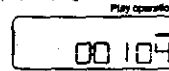
B) Specify a track to play with the **F. Skip Button (9/47)** or the **B. Skip Button (8/32)**. (This can also be done with the numerical keypad on the remote control).



C) Pressing the **Memory Button (10/48)** one time, the track is stored into the program 1 position. Step (A) to (C) can be used to store up to 16 tracks into the program or modified the existing program.



D) Press the **Play / Pause Button (15/31)** to play the program.



E) Press the **Stop Button (16/33)** when you wish to stop the program.
Note: If the program is already exist, press the **Memory Button (10/48)** and then press the **Play / Pause Button (15/31)**, the program play will start. This program will be cleared when the tray is opened.

Clear the program
 Pressing the **Memory Button (10/48)** one time and then press the **Stop Button (16/33)**, the program will be cleared.

SPECIFICATION

Frequency Range : AM - 525-1730 KHz
 FM - 87.5-108.5 MHz
Power Source : AC 120V / 60 Hz
Power Consumption: 18W
Antennas : Built-in Ferrite Bar for AM
 External Antenna Wire for FM
Speaker : 4 inches, 8 ohm dynamic type x 2
Output Power : 1.5W x 2 maximum

TO SERVICE YOUR UNIT, CONTACT:

Polyconcept USA, Inc.
 69 Jefferson Street,
 Stamford, CT 06902,
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 Phone: 1-203-358-8100

