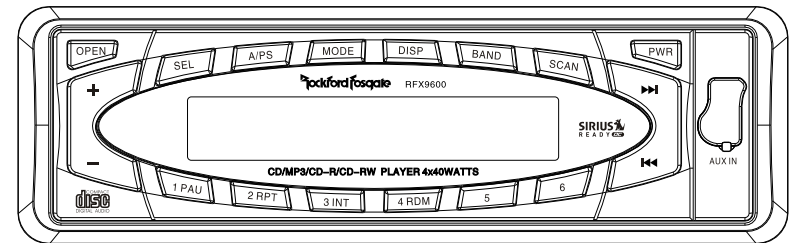




INSTRUCTION MANUAL

RFX9600



- CD-RECEIVER
- SIRIUS READY
- CD/CD-R/CD-RW/MP3/WMA PLAYER
- AM/FM STEREO RADIO
- IPOD PLAYBACK
- PLAY USB MUSIC

TROUBLESHOOTING

Can not read some USB devices

The unit is not 100% compatible with all USB devices or the USB device has special format. Try to format the USB device in FAT 16/32 standard.

Can not play certain songs with specific formats that are downloaded from websites

Example: iTunes which is in DRM (digital right management) format is not supported by the current unit.

Unit takes about 60 seconds to recognize some USB device

It is normal. The unit sometimes takes longer time to read all the files inside the USB device.

LCD Can Not display the MP3 song name correctly

The songs are in foreign language or not in ID3 Tag format.

Power does not turn on (no sound)

Check the wire.

Check the unit fuse. Replace new fuse if blown. If it happens again, consult the dealer.

No sound out put when operating the unit with amplifiers or power antenna is attached

Power antenna lead is shorted to ground or excessive current is required for amplifiers or power antenna.

Button is not responsive or the LCD display is wrong.

The connection pins for the front panel may be dirt. Use a soft cloth to clean its surface.

If it does not fix the problem, consult your dealer.

The unit picks up the engine noise.

Check the ground wire.

The preset station memory is gone after battery change or discharge

It is normal. User has to re-program.

After turn the power on, the unit powers off immediately

The battery may be too low (The unit operating voltage is 11V to 16V). If the unit still cannot turn on, consult your dealer.

WARRANTY

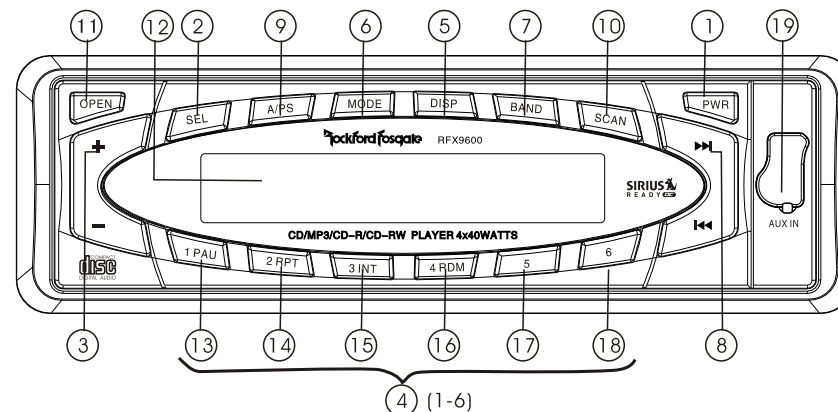
WARRANTY INFORMATION:

Should this product require service, you may obtain specific information by contacting the dealer from whom this product was purchased.

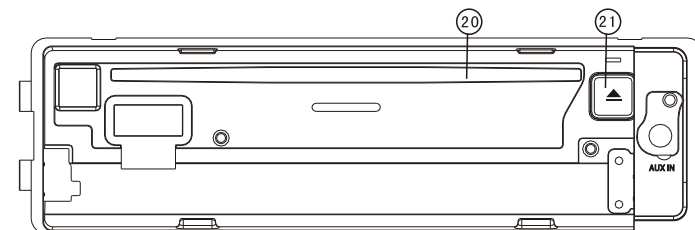
For any service related questions, please call our technical service team.

Technical Support Phone Number: 574-848-2277

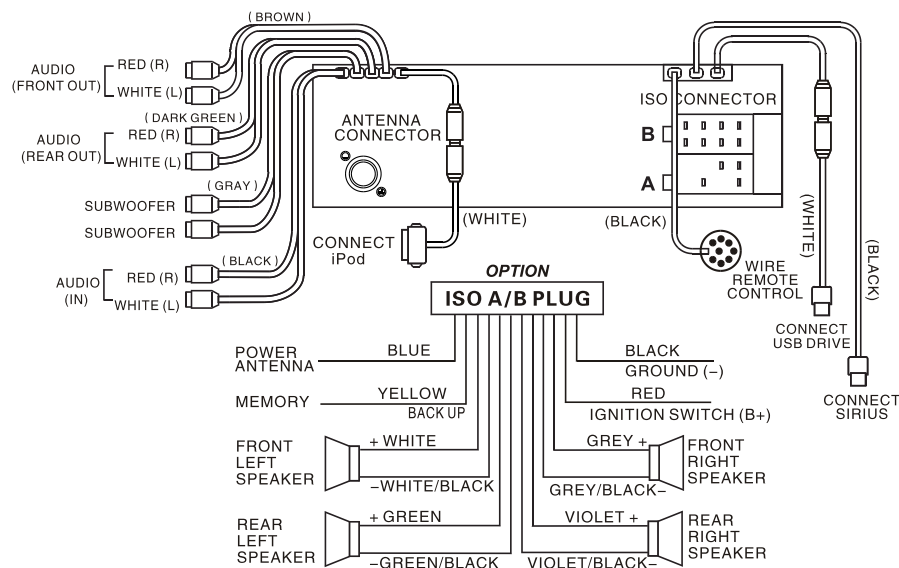
LOCATION OF PARTS AND CONTROLS



1. POWER ON/OFF (PWR)
2. FUNCTION SELECT BUTTON : BASS/TREBLE/BALANCE/FADER / INITIAL VOLUME/ ENTER/DSP
3. VOL UP/VOL DOWN FOR BASS/TREBLE/BALANCE/FADER/INITIAL VOLUME/DSP
4. PRESET STATIONS (1.2.3.4.5.6)
5. DISPLAY BUTTON (DISP)
6. MODE BUTTON (MODE)
7. BAND/DIR+ (BAND)/IPOD DIRECTORY SEARCH UP
8. AUTOMATIC OR MANUAL TUNING (FREQ UP ►► OR FREQ DOWN ◀◀)
9. AUTO STORE AND PRESET SCAN/MENU/ID3 SWITCH (A/PS)
10. 'SCAN' AUTOMATIC TUNING CONTROL/SUBWOOFER/DIR- (SCAN/SUB.)
11. OPEN BUTTON
12. LCD DISPLAY
13. PAUSE BUTTON
14. RPT/IPOD PLAYLIST
15. INT/IPOD ALBUM
16. RDM/IPOD ARTIST
17. IPOD GENRE
18. IPOD SONGS
19. AUX IN PORT
20. CD SLOT
21. CD EJECT KEY



WIRE CONNECTION



Maintenance

FUSE REPLACEMENT

If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after the replacement, there may be an internal malfunction. In this case, consult your nearest repairing center.



Warning:

Only replace fuse with the same type and rating. Use of a different type or rating may cause serious damage.

CD Player

Signal/Noise Ratio	>80dB
Frequency response	20HZ-20KHZ
Channel Separation	>65dB
A/D converter	16BIT
Electronic anti shocking	CD 20S/MP3 60S

TUNER(FM)

Frequency Range	87.5-107.9 MHz
Channel Step	200KHz
Sensitivity	8dB
Stereo Separation	30dB
Signal to Noise Ratio	60dB

TUNER(AM)

Frequency Range	530-1710 Khz
Usable Sensitivity	32 dBuV

LINE-OUT




Output	5 Volt (max)
Impedance	33 Ohm


GENERAL

Power Supply	13.8V DC (10.8-15.6V allowable)
Speaker Impedance	4 or 8 ohm
Output Power	40W x 4CH

Note: Specifications and the design are subject to possible modification without notice due to improvement.

Disc playing

- (1) Press() to power on.
- (2) Insert the CD/CD-R/CD-RW/MP3/WMA disc.
- (3) The LCD will display "disc style" " item number" "playing time".
- (4) Press"  " to pause the playing.
- (5) Follow the function key instruction to do the operation.
- (6) Press "  " to stop playing and eject the disc, repress it to take in the disc and start to play.
- (7) You may use BAND as "10+" button and SCAN as "10-" button for fast search during.

Note: Press the "  "key ,if the disc is not taken away within 5 seconds, the unit will take back the disc.

Notes for CD

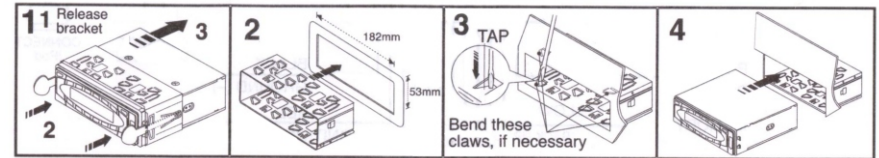
- (1) Keep the disk clean and undamaged ,do not stick things on the disc.
- (2) Do not play the damaged or transformative disc, keep the disc correctly .
- (3) Do not keep the disc under sunshine or in high temperature environment .
- (4) Put the disc into its box after using.
- (5) Finger mark or besmirch will effect the disc playing quality, it can't be cleaned by soft cloth. If it is necessary , diluted natural solvent can be used to help clean the disc. Record cleaner or antistatic solvent can't be used to clean the disc.

PRECAUTIONS

Choose the mounting location carefully so that the unit will not impair the safe operation of the vehicle, or interfere with the driver.

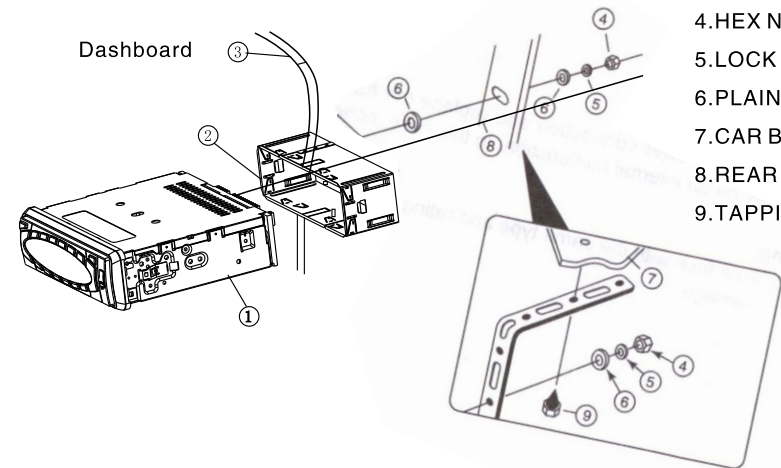
Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight or hot air from the heater, or where it would be subject to dust, dirt or excessive vibration.

Use only the supplied mounting hardware for a safe and secure installation.



Note : Keep the release key in the safe place as you may need it in future to remove the unit from the car.

TO SUPPORT THE UNIT



- 1.UNIT
- 2.RELEASE CASE
- 3.DASH BOARD
- 4.HEX NUT M5
- 5.LOCK WASHER
- 6.PLAIN WASHER
- 7.CAR BODY
- 8.REAR SUPPORT STRAP
- 9.TAPPING SCREW (5x16)

POWER ON/OFF(1)

Press the button to turn on or off the unit .

SELECT (2)

VOLUME UP/DOWN (3)

Press the VOL + or VOL – (3) button, you can adjust VOL/BAS/TRE/BAL/FAD/EQ. To select functions, press the SEL (2) button shortly until the desired functions is shown on the display. Figure 1 shows how control functions are selected using the SEL button.

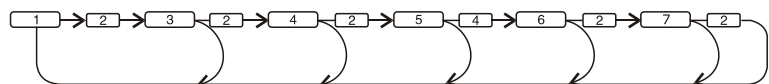


Fig. 1 Selection of sound control functions

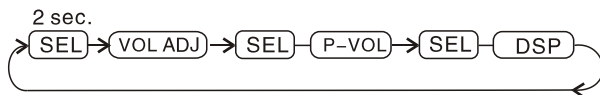
- 1.VOL 2.SEL 3.BASS 4.TRE 5.BAL 6.FAD 7.EQ

Press the VOL + or VOL – (3) button. Increase or decrease the volume by press the VOL + or VOL –.

These buttons can be used to adjust the BASS, TREBLE, BALANCE , FADER and EQ

By pressing select key (2) longer than 2 Sec. you can adjust volume mode, Initial Volume, EQ. Mode.

Press the VOL + or VOL – to change settings.



P-VOL :Can adjust Initial Volume level using this mode.

VOL ADJ :can select volume mode.

DISPLAY (DISP) (5)

Press to display the time clock,will resume to previous menu after several seconds.

MODE BUTTON (MODE) (6)

By pressing this key, user can select CD/AUX/TUNER/iPod/USB mode.

LCD DISPLAY (12)

Display the current state of the unit.

SETTING TIME

1. Press DISP button and it will display system time on the LCD.
2. Press and hold DISP button. Hour digit starts blinking.
3. Press VOL +/- to adjust hour. Press DISP, minute digit starts blinking.
4. Press VOL +/- to set minutes. Press any other key to save tome.

SUBWOOFER

Press and hold SCAN button to turn ON/OFF Subwoofer feature.

USB PORT

When a USB device with MP3 songs is plugged, the unit will play the MP3 songs automatically.

You may use BAND as "10+" button and SCAN as "10-" button for fast search during the USB operation

IMPORTANT NOTE:

BECAUSE OF THE GREAT VARIETY OF PRODUCTS WITH USB PORT AND SOMETIMES QUITE MANUFACTURER-SPECIFIC FUNCTIONS WE CAN NEITHER GUARANTEE THAT ALL DEVICES WILL BE RECOGNIZED NOR THAT ALL OPERATING OPTIONS THAT ARE POSSIBLE IN THEORY WILL ACTUALLY WORK.

SOME USB DEVICES MAY TAKE MORE THAN 45 SECONDS TO INITIATE AFTER PLUGGING IN.

IPOD OPERATION

CONNECTING IPOD

You may connect your ipod through an iPod port at the rear of your unit, You need to purchase the iPod cable from the dealer to play the iPod.

PLAYING SONGS IN IPOD

1. Press **MODE** repeatedly until **IPOD** shows in display. The unit will play the songs in iPod automatically.
2. Press **PAUSE** to pause the playing. Press again to resume.
3. **PLAYLIST** (Preset 2)
Press **preset 2** to enter iPod **PLAYLIST**. Use "TRACK+/-" to select a playlist and press **SEL** to enter and play. Press **A/PS** to return to parent menu.
4. **ALBUM**(Preset 3)
Press **preset 3** to enter iPod **ALBUM** menu. Use "TRACK+/-" to select and press **SEL** to enter and play.
5. **ARTIST** (Preset 4)
Press **preset 4** to enter iPod **ARTIST** menu.
6. **GENRE**(Preset 5)
Press **preset 5** to enter iPod **GENRE** menu.
7. **SONGS**(Preset 6)
Press **preset 6** to enter iPod **SONGS** menu.

The marine unit can support playing the music in Ipods by inputing the song sequence number directly: when the unit is playing songs, press **AS/PS** button on the front panel, it will display "SCH 000" on the LCD, the three digits indicates the sequence number that you want to listen to. You can use preset key 1,2,3 to set the three digits by pressing them repeatedly and press **ENT** to confirm input, the unit will start playing the new song automatically.

Note:

Please refer to your iPod user's manual for operating instructions.

Press **BAND** to go back to up one level menu.

RADIO OPERATION**LISTENING TO THE RADIO**

Press the (MODE) (6) button and select the radio mode. The frequency appears in the display.

Press the (BAND) (7) button and select the radio band FM1--FM2--FM3--AM1--AM2.

TUNING

There are 3 types of tuning mode available: SEEK tuning, MANUAL tuning and PRESET STATIONS.

AUTO SEEK A STATION

Press the (BAND) (7) button and select the desired band (FM or AM).

Press **▶▶** or **◀◀** to start to seek a station

MANUAL TUNING

Pressing the **▶▶** or **◀◀** button longer than 2 second, will change to MANUAL tuning mode.

STORING A STATION

Select a band (if needed)

Select a station

Hold a preset button [1-6] (4) for more than 2 seconds to store the desired station.

'SCAN' AUTOMATIC TUNING CONTROL (SCAN) (10)

This button operates as RADIO SCAN. The operation is similar to normal search, except it pauses for 5 seconds on every station detected while in RADIO SCAN mode.

SET USA/EUROPE FREQUENCY

Long press VOL key, it will display "USA" on the LCD, you can switch between USA, CHINA and EUROPE by turning the VOL knob.

SET FM/AM SENSITIVITY

Long press SEL key, it will display "ST 3" on LCD, this is used for changing channel separation.

Press SEL key again, it will display "AM DX 40DB" on LCD, this is used for setting AM sensitivity

Press SEL key again, it will display "DX 17DB" on LCD, this is used for setting FM sensitivity, you can use SEEK+/- to change the value.

When the sensitivity value is set to higher value, the unit will receive less station but the stations received will have better sound quality.

When the sensitivity value is set to lower value, the unit will receive more stations.

FRONT AUX IN PORT(19)

For iPod, MP3 players, and other portable media players.

SIRIUS OPERATION

■ This unit is compatible with a variety of SIRIUS Satellite Radio solutions including the SCC1 SiriusConnect™ Vehicle Tuner and SCVDOC1 Sirius Connect Vehicle Kit with any compatible SIRIUS Dock & Play radio. The operation will be the same regardless of the SIRIUS radio is used .

■ User needs follow the instruction of SCC1 or SCVDOC1 for installation. Always make sure the Sirius SIRIUS antenna is connected properly located for maximum signal reception.

1. Button definitions

1)POWER ON/OFF

2)SEL: Function Select button

3)VOL+/- : Volume set button

4)Preset Buttons: Preset stations(1,2,3,4,5,6)

5)DISP: display the SIRIUS channel info

6)MODE: switch between different modes

7)Band: switch between SR 1, SR2 and SR3

8) SEEK+/-: Short press to select select previous/next station, Long press (more than 2 seconds) to switch channel rapidly

9)AS/PS: Short press to input channel number directly Long press to turn on/off Category.

When category is on, you can press "SEL"key to select between categories and then seek in current selected category by pressing SEEK+/- key.

10)SCAN: Short press to LOCK/UNLOCK channels, Long press to change the password

11) OPEN: release the front panel

12)LCD DISPLAY

13)Preset 1For preset station 1.

Also used to input the first digit of pass code or channel #.

14)Preset 2For preset station 2

Also used to input the second digit of pass code or channel #.

15)Preset 3 For preset station 3

Also used to input the third digit of pass code of channel #.

16)Preset 4 For preset station 4

Also used to input the fourth digit of pass code

17) Preset 5For preset station 5

18) Preset 6For preset station 6

2.Sirius ID and Activate Sirius service

After system is turned on, press the MODE button to enter the SIRIUS mode.

The system will display a "SIRIUS" logo on the LCD screen.

Until you subscribe and activate the SIRIUS service, you can only access channel 0 (the SIRIUS ID channel) and 184 (Preview Channel).

Tune to Channel 0 to display your radio's unique 12-digit SIRIUS ID number (SID). This number is also available on the back of SIRIUS Tuner SCC1. Write down this number and call 1-888-539-SIRIUS (1-888-539-7474) with your credit card handy to activate SIRIUS service.

You may go to website <https://activate.siriusradio.com//> to activate the service.

If you do not subscribe the full service, the unsubscribed channel will display "CALL 888-539-SIRIUS to subscribe" when tuned.

3. Preset Stations

The unit has total 18 preset stations in SIRIUS Mode. Use BAND button to switch between SR1, SR2, and SR3. Each band has 6 preset stations.

Short press: the Preset 1~6 button to listen to the preset stations.

Long press: the preset 1~6 button to store current station to preset memory.

4. Select channels by category

Long press AS/PS button to turn on/off the category mode. A "CAT" icon in the LCD will indicate the Category mode is on. When Category mode is on, long press "SEEK +/-" to switch between the categories, such as POP, ROCK, COUNTRY, etc. And you can switch channels in selected category by short pressing "SEEK +/-" button. The category mode will not time out unless you turn off this mode by long pressing AS/PS button again.

5. Input channel directly.

Short press the AS/PS key to enter the direct input mode. The LCD will display: "CH X X X X"

Press Preset 1 repeatedly to select the first digit of channel number (the first digit changes incrementally from 0, 1, 2).

Press Preset 2 repeatedly to select the second digit of channel number (the second digit changes incrementally from 0, 1, 2, ... To 9)

Press Preset 3 repeatedly to select the third digit of the channel number (the first digit changes incrementally from 0, 1, 2, ... To 9).

When 3 digits are selected, press "ENT" button to enter the desired channel.

6. Parental Control

You can lock any Sirius channels you do not others to have access without your permission.

The default code is "5220" if you forget your pass code, you may disconnect the unit completely from power. The unit will restore to the default pass code after power on again.

Enter a Locked channel:

When user tunes to a locked channel, the LCD screen will display: "LOCKED CH" first and then display: "CODE X X X X".

Press Preset 1 repeatedly to select the first digit of pass code.

Press Preset 2 repeatedly to select the second digit of pass code.

Press Preset 3 repeatedly to select the third digit of pass code.

Press Preset 4 repeatedly to select the last digit of pass code.

When all digits are selected, press "ENT" button will enter the channel.

If the code is wrong, it will display "CODE X X X X" again and wait for user to enter code again.

If user enters a wrong code again, the unit will display "PWD ERROR" and go back to previous screen.

Note: user needs wait for "CODE X X X X" display to enter pass code. Otherwise the Preset 1-4 still enters as Preset station.

To lock a channel:

When a channel is selected, use "SCAN" to lock this channel. The LCD will display "LOCK CH" first and then display: "CODE X X X X". Use Preset 1-4 (same as above) to enter pass code and press ENT to lock.

Note: After a channel is locked, user cannot tune to this channel by right KNOB button. User must input the channel # directly to enter this channel.

To unlock a channel:

User needs enter the locked channel first and then short press "SCAN" button. The LCD will display "UNLOCK CH" and then display: "CODE X X X X".

Same procedure as above to enter the code and unlock the channel.

To change pass code:

Long press "SCAN" button to change the pass code. The screen will display "OLD CODE" shortly and then display "CODE X X X X" Use Preset 1-4 buttons as above to enter the pass code.

If the old pass code is entered correctly, the screen will display "NEW CODE" and the display: "SET X X X X" Use Preset 1-4 buttons again to set up a new pass code.

7. Display channel information:

Press DISP button repeatedly to display different information of the channel such as channel #, channel name, category, song title, artist, composer...

8. Message display:

"Check Sirius Tuner"	:	Tuner is not connected or is bad.
"Antenna Error"		Antenna is bad or not connected.
"Acquiring signal"		No signal output from the Sirius TUNER
"Updating "		Updates the Sirius information into unit.
"FW Updating "		Updates firmware
"Subscription updating "		Updates subscription
"Updating Channels "		Updates the GCI(Channel info)