CALIBER
AUDIO TECHNOLOGY

RMD 571
USER MANUAL

Contents

1. Before Operation

1.1 Precautions

1. Read through this instruction manual before installation and use.

2. Clear the panel and case with soft dry cloth only, do not apply any
   kind of thinner, alcohol or sprays.

3. The apparatus shall not be exposed to dripping or splashing .

1.2 Battery Information of the Remote Control
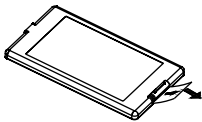
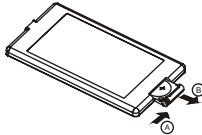**Replace Battery in the Remote Control**:
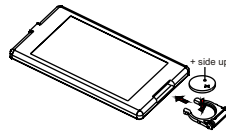

Fig.1 Fig.2 Fig.3

1. Before using the remote control for the first time, pull the insulating
   sheet out of the remote control as the direction indicated by the
   arrow.(see fig.1)
2. Press the movable block hold as the direction indicated by the A arrow
   (See fig.2), then pull the battery holder out of the remote control as
   the direction indicated by the B arrow(see fig.2).
3. Replace the old battery by a new battery with (+) polarity side upward.
   (See fig.3).
4. Insert the battery holder to the original position in remote control.
   (See fig.3).

Note about the Battery of the Remote Control:

1. Improper use of battery may cause overheating or explosion. so that
   Result in injury or fire .
2. Battery leakage may cause damage to the remote control(Battery
   Life: 6 months with normal use in normal room temperature).
3. Do not short the battery.
4. Do not throw the battery into the fire.
5. To avoid the risk of accident, keep the battery out of reach of children.

1.3   The Remote Control Description
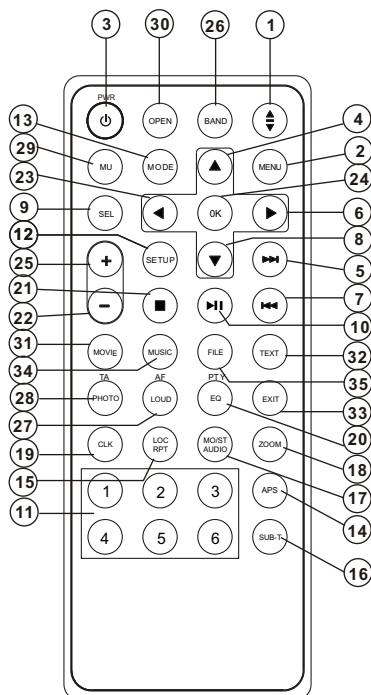
1. TILT BUTTON

2. MENU BUTTON

3. POWER BUTTON

4. ^ BUTTON

5. >>| BUTTON

6. > BUTTON

7. |<< BUTTON

8. v BUTTON

9. SEL BUTTON

10. PLAY/PAUSE BUTTON

11. NUMBER(0~6) BUTTONS

12. SETUP BUTTON

13. MODE BUTTON

14. APS BUTTON

15. LOC/RPT BUTTON

16. SUBTITLE BUTTON

17. MO/ST & AUDIO BUTTON

18. ZOOM BUTTON

19. CLK BUTTON

20. PTY/EQ BUTTON

21. STOP BUTTON

22. VOLUME- BUTTON

23. < BUTTON

24. OK BUTTON

25. VOLUME+ BUTTON

26. BAND BUTTON

27. AF/LOUD BUTTON

28. TA/PHOTO BUTTON

29. MUTE BUTTON

30. OPEN BUTTON

31. MOVE BUTTON

32. TEXT BUTTON

33. EXIT BUTTON

34. MUSIC BUTTON

35. FILE BUTTON

1.4 The Locations and Names of Controls on or in the unit
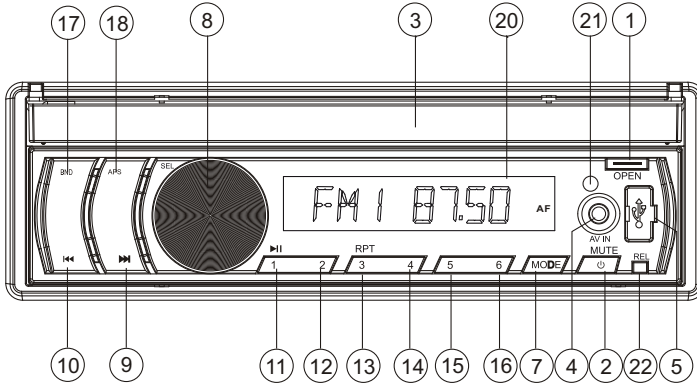
The Front Panel
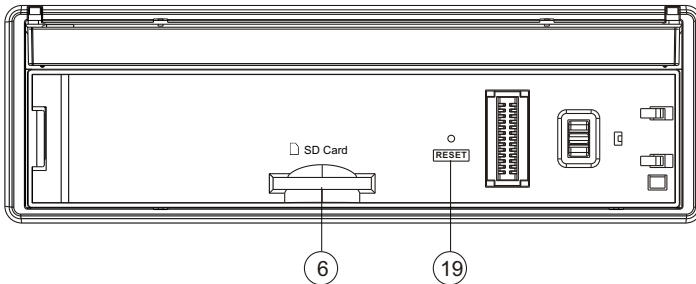
The Front Facet after removing the front panel

1. OPEN button
2. POWER/MUTE button
3. Monitor
4. AV IN socket
5. USB Jack
6. SD/MMC Card Slot
7. MODE button
8. VOL knob
9. >>| button
10. |<< button
11. PLAY/PAUSE/1 button

12. INT/2 button
13. RPT/3 button
14. RDM/4 button
15. - 10 / 5 button
16. + 10 / 6 button
17. BAND button
18. APS button
19. RESET button
20. Small LCD Screen
21. IR Remote Sensor
22. REL button

1.5 Wires Connection Description

The Description of the Wires Connection

Fixing Screw Bolt

Wiring Connecting Socket 1

Wiring Connecting Socket 2

GREEN
PARKING LINE
WHITE
REVERSAL LINE

Black

Black Radio Antenna jack Black
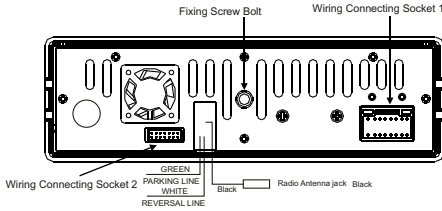
1. Parking wire must be connected. And the parking brake must be engaged in order for the monitor to work.
2. Use the clip end of the Ground Wire provided by manufacturer to connect Mounting Screw, using the other end of the Ground Wire to connect the negative pole of the power source. Otherwise, the video on screen maybe flashes.

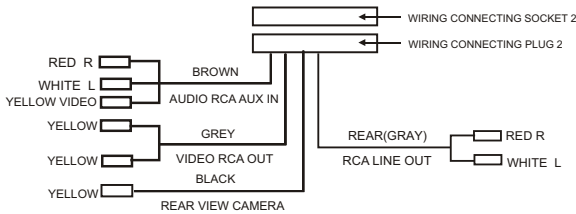**The Description of the Wiring Diagram for Socket 1**

WIRING HARNESS SOCKET

WIRING HARNESS PLUG

ISO FEMALE CONNECTOR

BLUE AUTO ANT

GREEN

WOOFER LINE OUT
FRONT(BLACK)

RED R

RCA LINE OUT

WHITE L

WIRING HARNESS

A		B	
		Rear right speaker	
		2	1
		(−)	(+)
Memory(+)		**Front right speaker**	
4		4	3
		(−)	(+)
		Front left speaker	
		6	5
		(−)	(+)
(-)	(+)	**Rear left speaker**	
Ground	**Ignition**	8	7
8	7	(−)	(+)

ISO FEMALE CONNECTOR

CONNECTOR A
4. Yellow
7. Red
8. Black

CONNECTOR B
1. Violet
2. Violet/black
3. Grey
4. Grey/black
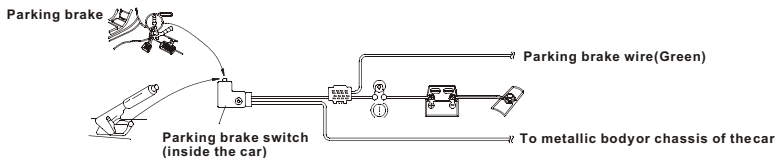5. White
6. White/black
7. Green
8. Green/black
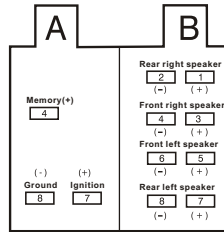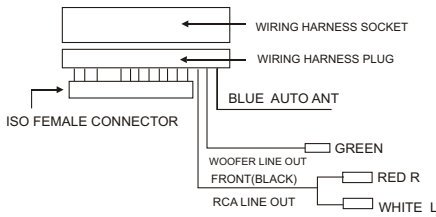
NOTES:
1. Only speakers with 4 ohms impedance may be used.
2. Ensure that the blue auto antenna cable does not make contact with any ground connection.

The Description of the Wiring Diagram for Socket 2

WIRING CONNECTING SOCKET 2

WIRING CONNECTING PLUG 2

RED R
WHITE L
YELLOW VIDEO

BROWN

AUDIO RCA AUX IN

YELLOW

GREY

REAR(GRAY)

RED R

YELLOW

VIDEO RCA OUT

RCA LINE OUT

WHITE L

BLACK

YELLOW

REAR VIEW CAMERA

Description of Connecting the Parking Brake Line to the Parking Brake System Built in the Car

Parking brake

Parking brake wire(Green)

Parking brake switch
(inside the car)
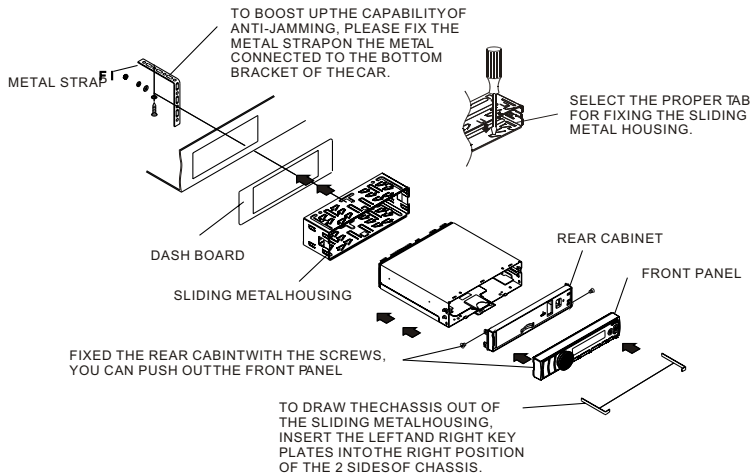
To metallic body or chassis of the car

NOTE: after connecting the Parking Line, the video on the small monitor of the front panel will be display only after braking the car.

1.6 UNIT INSTALLATION

INSTALLATION INSTRUCTIONS

THE UNIT IS INSTALLED TO BE AN ANTI-THEFT ONE. THE CHASSIS
OF THE UNIT WEARS A SLIDING METAL HOUSING. PLEASE DO THE
CONNECTION OF THE POWER, SPEAKERS AND ANTENNA ACCORDING
TO THE REQUIREMENT OF THE INSTRUCTION BOOK , THEN INSTALL
THE SLIDING METAL HOUSING IN THE CAR AS FOLLOWS.

TO BOOST UP THE CAPABILITY OF
ANTI-JAMMING, PLEASE FIX THE
METAL STRAP ON THE METAL
CONNECTED TO THE BOTTOM
BRACKET OF THE CAR.

METAL STRAP

SELECT THE PROPER TAB
FOR FIXING THE SLIDING
METAL HOUSING.

REAR CABINET

FRONT PANEL

DASH BOARD

SLIDING METAL HOUSING

FIXED THE REAR CABINT WITH THE SCREWS,
YOU CAN PUSH OUT THE FRONT PANEL

TO DRAW THE CHASSIS OUT OF
THE SLIDING METAL HOUSING,
INSERT THE LEFT AND RIGHT KEY
PLATES INTO THE RIGHT POSITION
OF THE 2 SIDES OF CHASSIS.

2. Common Operation

1. To turn on/off the unit
    In power off mode, press the POWER button briefly to turn on the unit.
    In power on mode, press and hold the POWER button on the front panel or
    press the POWER button briefly on the remote control to turn off the unit.

2. To slide the monitor of the Car Audio System out of the chassis
    Press the OPEN button briefly on the front panel or press and hold the OPEN
    button on the remote control can slide the monitor of the Car Audio System
    out of the chassis or slide it into the chassis.

3. To select function mode
    Press the MODE button to select RADIO,
    USB(After inserting a USB storage),
    SD/MMC CARD(After inserting a SD/MMC card)
    or AUX mode.

    During playback, tapping the 🏠 icon after
    popping up Keyboard interface can pop up
    Mode Menu as right image. then tap one
    icon in it to select your desired mode.

    Mode Menu

4. To select an optimal angle of the monitor of the Car Audio System
    To select an up-down optimal angle of the monitor of the Car Audio System,
    press DOWN/UP button (TILT button) on the remote control repeatedly.

5. To adjust sound level
    Rotate the VOL knob on the front panel or press and hold the + or - button on
    the remote control will adjust the volume level.

6. To mute sound
    Press the MUTE button on the remote control to turn on/off MUTE mode.
    Pressing the POWER button on the front panel shortly also can turn on/off
    MUTE mode.

7. To display clock time
    Press the CLK button to display clock time on the small monitor of the front panel.
    After sliding the monitor into the chassis, pressing the CLK button can display
    clock time on the small LCD.

8. To select a desired EQ mode
    Press the EQ button on the remote control to select one of the preset music
    equalizer curves: POP, ROCK, CLAS, EQ OFF. The sound effect will be changed.

9. To turn on/off LOUD mode
    Press the LOUD button on the remote to turn on/off LOUD mode.
    When turning on LOUD mode, it will enhance bass level immediately when bass
    is not enough.

10. To reset the player
When the monitor , the small LCD display or some buttons are not working or
sound is distorted, press the REL button and detach the front panel from the
main unit, then press the RESET button to reset the program to factory default.

11. General setup
Tap the 🔲 icon setup to pop up GENERAL SETUP
interface as right image.
In the interface, select one of the function as the interface
show by tapping them, then change the setting by tapping
icons accordingly.
* MP5 SETUP :
What is MP5? We can say like that the MP4 player which
can watch television. Most type of the video, photo, audio
can be read automatically download by the internet.
(Such as rmvb, rm, vob, ogg and so on)
The MP5 SETUP only can be use in USB and CARD mode.

GENERAL SETUP

12. To calibrate the screen
During MP5 setting mode ,tap the 🖱 to calibrate the screen.

3. Radio Operation

1. Enter RADIO mode
Press the MODE button at brief intervals or tap the radio
icon until you get to RADIO mode as the right.

In RADIO interface, tapping the SEL icon will return to
Mode Menu; tapping the 🏠 icon will pop up AUDIO &
BRIGHTNESS SETUP interface as right; the other
icons are same as ones in the unit panel or in the
Remote Control.

RADIO interface

In the AUDIO & BRIGHTNESS SETUP interface, you
can adjust VOLUME, TREBLE, BASS, BALANCE,
FADER, BRIGHTNESS ; you can also turn on or off
DBAS, MBP, LOUD; you can still select your desired
transparency mode(by STD) and EQ mode(by EQ);
tapping the BACK icon can return back to the previous
menu.

2. BAND BUTTON

AUDIO & BRIGHTNESS SETUP interface

In RADIO mode, press the BAND button on the remote controller or on the front
panel to select your desired radio band of FM1, FM2, FM3, MW1 and Mw2,
and the selected band will be displayed on the small monitor on the front panel.

3. TUNE/SEEK UP/DOWN BUTTONS
   In RADIO mode:
   1) Long press the >>| or |<< button to automatically search up or down for a available station from the current frequency.
   2) Briefly press the >>| or |<< button to manually search up or down with step by step for your desired station from the current frequency.

4. APS BUTTON
   In RADIO mode:
   1) When long pressing the APS button, the radio searches from the lowest frequency and checks the signal strength level until 1 cycle search is finished. And then the 6 strongest stations are preset to the corresponding preset number memory bank. The AS operation is implemented in each bank of the selected band. When the AS operation is finished, it will scan each preset station for 5 seconds in FM or MW band from M1 when APS button is pressed briefly. After the scanning is finished, broadcasting will resume on the M1.(It can store 3x6 stations for FM and 2x6 stations for MW)
   2) When pressing the APS button briefly, the radio will scan each preset station for 5 seconds in FM or MW band from M1.
      After finishing a circle of scanning, it will resume broadcasting on the M1.
      NOTE: In FM band, FM1,FM2,FM3 is checked one at a time; In MW band, MW1, MW2 is checked one at a time.

5. PRESET STATION [1-6] BUTTONS
   In RADIO mode:
   1) To memorize the current frequency on the current band, long press any of the number buttons (1-6) on remote control or on the front panel .
   2) To recall the preset memory on the current band, briefly press one of the preset buttons [1-6] on remote control or on the front panel.

6. STEREO/MONO BUTTON
   Press the ST button on the remote control to select the STEREO or MONO sound mode for FM band.

7. LOC BUTTON
   1) In RADIO mode, when the signal of the distance radio station are very weak and the receiving effect is bad during tuning. If there is the word LOC on the monitor, press this button to turn off the LOC function, then tune again for the distance radio station;
   2) In RADIO mode, when the signal of the local radio stations are too strong and the interference does no t allow the tuner to lock on stations, press this button to turn on the LOC function to display the word LOC on the monitor, then tune again for the local radio stations.

8. PTY (PROGRAM TYPE) BUTTON
   Press the PTY button shortly to select one of the following mode:

   PTY MUSIC group- - PTY SPEECH group -- OFF

When PTY group is on, press the VOL+ or VOL- button on the remote control or rotate the VOL knob on the front panel to select one of PTY programs as follows:
<-->NEWS<-->AFFAIRS<-->INFO<-->SPORT<-->EDUCATE<-->DRAMA
<-->CULTURE <-->SCIENCE<--> VARIED<-->WEATHER<--> FINANCE
<-->CHILDREN<-->SOCIAL<-->RELIGION<-->PHONE IN<-->TRAVEL
<-->LEISURE<-->DOCUMENT< -->PTY NONE<-->POP M< -->ROCK M
<-->EASY M<-->LIGHT M<--> CLASSICS<-->OTHER M
<-->JAZZ<-->COUNTRY<-->NATION M<-->OLDIES<-->FOLK M<-->

When PTY group is on, pressing the 6 number buttons also can select one of PTY programs as above.
After selecting one of the PTY programs, it will display SEEK PTY and automatically search for the station of the PTY program. If the station of the PTY program does not exist, it will display PTY NONE and then return back to the normal station.

9. AF [ALTERNATIVE FREQUENCIES] BUTTON
    When AF button is pressed briefly, the AF switching mode is selected and the status of the AF switching mode is displayed by AF segment on the display.

        Segment off: AF switching mode off.
        Segment on: AF switching mode on, and has RDS information.
        Segment flashing: AF switching mode on, but RDS information is not
                            received yet.
    When the AF switching mode is selected, the radio checks the signal strength of the AF all the time. The interval of checking time of each AFs depends on the signal strength of the current station, from a few minute for the strong station to a few seconds for the weak station. Every time when a new AF is stronger than the current station, it switches over to that frequency for very short time, and the NEW FREQUENCY is displayed for 1-2 second. Because the mute time of the AF switching or the checking time is very short, it is almost inaudible in case of normal program. (When AF flashes on the monitor, it will search for the stronger RDS station. If AF and TP flash on the monitor, it can only search for the traffic announcement station).
    In FM mode, when AF is on, SEEK, (SCAN), AUTO-MEMORY functions can only receive and save the RDS program.

10. TA [TRAFFIC ANNOUNCEMENT] BUTTON
    Press the TA button briefly to turn on TA search mode.
   When traffic announcement is transmitted:

    1). If the unit is in Disc Play mode, it will switch to radio mode temporarily.
    2). Temporarily switches over to an station with traffic announcement, and TA, TP will be displayed on the monitor.
     * TA interruption function:
        The current traffic announcement is cancelled by pressing TA button briefly.
     * When TA is on, SEEK, (SCAN), AUTO MEMORY functions can be received or saved only when traffic program identification code has been received.

4. USB and MMC/SD Operation

4.1 Load/unload USB or Card

Insert an USB or MMC/SD Card into their slots respectively, then the root menu will be displayed on the monitor and it will play audio file automatically if the USB or MMC/SD Card include audio files.

During playback, press the STOP button twice to stop playback, then pull the USB out of the USB socket; or push the card and then pull it out of the card slot.
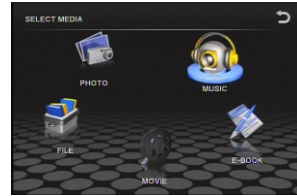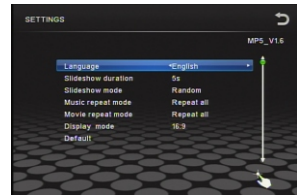
USB &CARD interface

4.2 Setting during playing

During USB or CARD playback, press the setup button to selecting the play mode as the interface show .

4.3 Pause Playback

When playing MOVIE/MUSIC files, press the PAUSE button to pause the playback, press the PLAY button to resume normal playback.

4.4 Stop Playback

SETTING interface

When playing MOVIE/MUSIC files, press the STOP button or tap the ☐ icon to return to the select media mode.

In MOVIE mode, during playback, pressing the STOP button or tap the ☐ icon can return back to root menu.

4.5 Select Chapter/Track with the UP / DN Button
In MUSIC mode, during playback,

Press the UP / DN button or tap the icons ◀◀ ▶▶ to select next or previous track to playback;

MOVIE playback interface

In MOVIE mode, during playback,

Press the >>I/ I<< button or tap the ◀◀ ▶▶ icons to select next or previous chapter to playback.

4.6 Select Chapter/Track with the Number Buttons

When playing MP4/MP3/WMA files, press one
of the 1~6 number buttons to directly select
and play the 1st to 6th track /chapter then
tapping the [ ] [ ] icons to turn the page
up and down to select the tracks.

Then tapping the ⤴ icon to return to the
select media mode.
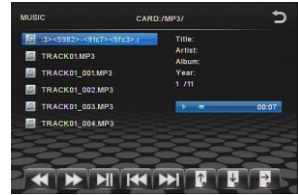
MP3 playback interface

4.7 Playback with Speed

In MP4/MOVIE mode, during playback, press and hold the >>I and I<<
buttons or tap the [ ] [ ] icons continuously to fast play forwards or
backwards at the multiple speeds such as x2 ,x3,x4, normal.

During speed playback, press the PLAY/PAUSE button or tap the [ ] icon
to resume normal playback.

4.8 ID3 Function

In music mode, during playback, the information of the file name, folder name,
song s title, artist and album will be scrolling on the LCD display.
As long as the current playing music contains relevant ID3 tag information in
version 1.0/2.0 format, the 3 items underlined above will be scrolling on the
LCD display; otherwise, they will not.

4.9 Playback Repeatedly

In MOVIE/MUSIC mode, press the RPT button to select REP ONE,
REP ALL . During the repeat playback, press the >>I and I<< buttons
or tap the [ ] [ ] icons to cancel the repeating.

4.10 Zoom Movie

In movie mode, during playback, tapping the [ ] icon or the Zoom
button continuously to enlarge movie at the following multiples:
x2, x4, x8, OFF.

Note: In music mode, the ZOOM button is invalid.

4.11 Photo Playback

In photo playback, tapping the ⟲ return to the
select media mode, tapping the ← → buttons
to turn the page up and down to select your
desire one or tapping the ◄ ► ▲ ▼
direction icons to select your desire one ,then
tap the OK icon to confirm.
In photo mode, during playback, press the
ZOOM button or tapping the 🔍 icon
continuously to enlarge image at the following
multiples: x2, x4, x8, x16, OFF.
After enlarging , press one of the ^/v/>/<
buttons to select the area you want to view.

Note: In music mode, the ZOOM button is invalid.

Tapping the ⟳ icon to change the browse angle.

4.12 READ TEXT

In text reading mode, taping the ⬆ ⬇
icons to turn the page up and down.
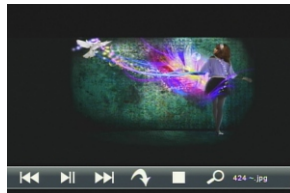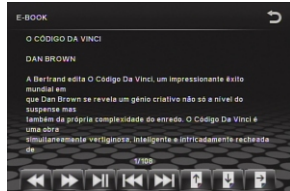

PHOTO select mode

PHOTO playback mode

TEXT read mode

5. Trouble Shooting

Please read the user manual carefully before using the this player. If you have any troubles in using this player, try to solve the problems by the suggestions mentioned below. If you can not remove the trouble after using all the suggestions, please contact the company or the technical service centre authorized by us. For the sake of your safety, please do not open the cover and repair the player by yourself, if that, it may cause electric shock.

NO PICTURE, SOUND AND INDICATION
* Ensure that the power switch is on.
* Ensure that the inlet is ok.
* Ensure that the power cord is not damaged or the fuse is not blown.
* Ensure that the power plug is connected to the inlet tightly .

NO SOUND BUT HAVE PICTURE
* Ensure that the player's audio output has a good connection with monitor's audio input.
* Check whether the audio connector is damaged.
* Check whether you have turned down the volume.
* Ensure that you have set the right AUDIO setup of the player.
* Ensure that the audio is not under mute.

NO PICTURE BUT HAVE SOUND
* Ensure that the player's video output has a good connection with monitor's video input.
* Check whether the video connector is damaged.
* Ensure that you have set the right VIDEO settings of the player.

BLACK AND WHITE PICTURE OR SCREEN ROLLING
* Ensure that you have set the right video SYSTEM setting.

FLAWS OF PICTURE OR SOUND
* Check whether the setting of AUDIO is right.
* Check whether the AV connector and the output terminal is stained.
* Check whether there is condensation inside the Lens. If so, leave the player off for an hour or so, then try again.

REMOTE CONTROL IS INSENSITIVE OR DOES NOT WORK
* Check the batteries of remote control and make sure that they are to be powerful and good conductivity.
* Direct the remote control to the IR sensor of the player .
* Check whether there are some obstacles between the remote control and IR sensor.

SOME FUNCTION BUTTONS DO NOT WORK
* Turn off the power, then turn on again.
* Reset the unit to zero,then turn on again.
* Remove the front panel from the unit, then install it again and then turn on again.

THE RADIO DOES NOT WORK
* Check whether the antenna cable is connected firmly. Or manually tune for a station.

THE DISPLAY LOST TOUCH EFFECT
* Insert a USB until playing ,then press stop button and press 1111 on the remote control to turn to calibrate mode and then tap the cross cursor as it show until display ok and turn power off and then turn the unit on again.

6. Specification

General Specification

Power Supply Requirement...DC 12V
Maximum Power Output…..….............4 x 25W(measured at DC 14.4 V)
Dimensions(w x h x d)...178 x 58 x 176mm

USB/CARD Specification

Format...RMVB/MP4/JPEG/MP3/WMA
Video System...NTSC
Audio System...24 bit/96KHz

Video Specification

Video Type...16:9 and 4:3
Video Output level.....................................Composite:1.0   0.2Vp-p
Load impedance: 75 ohms

Audio Specification

Audio Output(Analog audio)….......…..........................1200mV +/-300
Frequency Response.............................20Hz ~ 20KHz(at 1KHz 0 dB)
S/N Ratio(Audio)..   90dB(at 1KHz 0 dB)
Separation..50dB

Radio Specification

FM Section

Frequency range..87.5MHz - 108.0MHz
Usable sensitivity..3uV
I.F Frequency...10.7MHz

AM Section

Frequency...522KHz - 1620KHz