

Welcome!

Thank you for purchasing our company digital media player!
To operate the unit correctly, please read the owner's manual carefully before using the unit. Keep these instructions and retain this booklet for future reference.

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Notes on installation

- ☞ The unit is designed for 12V DC , negative ground operation system only. Before installing the unit, make sure your vehicle is connected to DC 12V negative ground electrical system .
- ☞ The negative battery terminal must be disconnected before making connections, which can reduce damaging the unit due to short circuit .
- ☞ Be sure to connect the color coded leads correctly according to the diagram. Incorrect connections may cause the unit malfunction or damage the vehicle's electrical system.
- ☞ Be sure to connect the speaker (-) leads to the speaker (-) terminal. Never connect the left and right channel speaker cables each other or to the vehicle body .
- ☞ Do not block vents or radiator panels. Blocking them will cause heat to build up inside and may result in fire .

- ☞ After the completion of the installation and begin to play the unit(including replacing the battery),please press the **RESET** button on the front panel with pointed objects (such as ball-point pen)to set the unit to initial status .

Precautions

☞ This unit can play the following discs only.

Type of disc	Label on the disc	Recorded material	Size of disc
DVD		Sound and moving Pictures	12cm/8cm
VCD		Sound and moving Pictures	12cm/8cm
MP3	MP3	Sound and moving Pictures	12cm/8cm
MPEG4	MPEG4	Sound and moving Pictures	12cm/8cm
CD		Sound only	12cm/8cm
USB			
SD			

Note: ① The unit is compatible with DVD VCD1 02 03 0 DVCD CD-RW CD-R PICTURE-CD version Disc.
 ② The manual conforms to DVD, VCD, MP3 and CD. If no DVD, VCD or MP3 on some models, you should ignore them. While enjoying DVD, VCD, MP3 and CD, the display will automatically identify the discs and indicate the corresponding words.

- ☞ Do not attempt to modify the unit, modifying the unit may cause an accident.
- ☞ Stop the vehicle before carrying out any operation that could interfere with your driving .
- ☞ Do not work in extreme high or low temperature inside the vehicle is between +60°C and -20°C before turning your unit on .
- ☞ To enjoy optimum sound and images while playing , handle the discs as follows :
 --- Handle the disc by its edge to keep the disc clean, and do not touch the surface.

--- Do not use your CDs with parts residue or ink attached.



--- Do not use CDs with labels or stickers attached, which may leave a sticky residue white beginning to peel off. (Shown as picture)



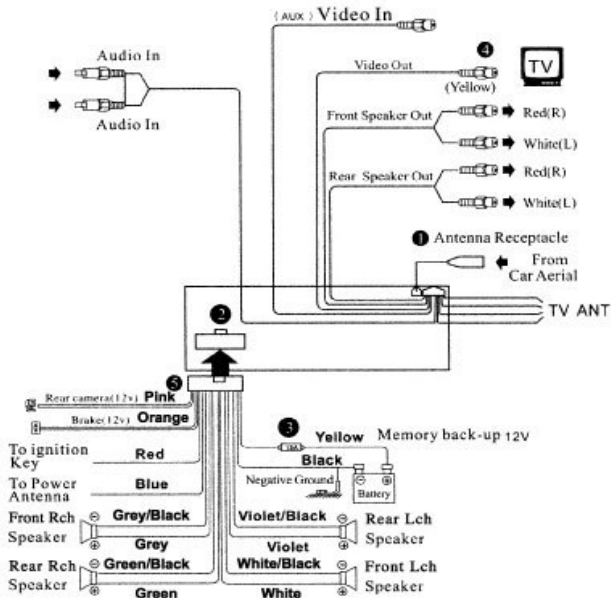
--- Clean the discs with an optional cleaning cloth. Wipe each disc from the center out (Shown as picture)



Wiring diagram

English

STANDARD CONNECT

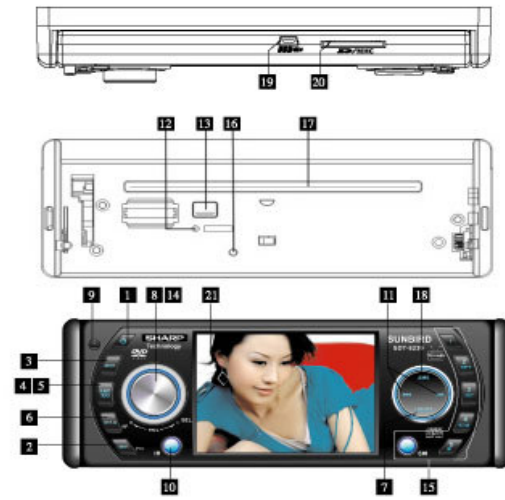


- 1 Antenna Receptacle
- 2 Output Socket(female)
- 3 Fuse Holder (15A)
- 4 Video Out Receptacle
- 5 Output Socket(male)

5

Introduction for Key board

English



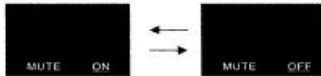
- 1. Power On/Off
- 2. Mute Button(PTY)
- 3. Mode switch
- 4. Band Selector
- 5. P-EQ Button
- 6. ST Selector (AF-L/R)
- 7. Loudness Button (TA)
- 8. Volume Control
- 9. Open/close button/Detaching panel button
- 10. Remote Control Receptor
- 11. Tuning/Selecting Tracks
- 12. Reset Button
- 13. Eject Button
- 14. Setting the Sound Characteristics
- 15. Number Buttons
- 16. LED Lamp
- 17. Disc Slot
- 18. Preset Stations/AMS For radio and TV
- 19. USB Port (Refer to page 11)
- 20. SD Socket (Refer to page 11)
- 21. 3.5" Wide TFT Colour LCD Screen

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Basic Operation

English

- Power ON/OFF control**
Press the button to the power "ON" or "OFF"
- Mute control**
Press and keep pressed the button to mute volume control and "MUTE ON" will appear on the display. Press mute button again to return to the previous volume level. "MUTE off" will appear on display.

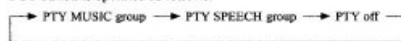


PTY Button(Program Type Code)

Using Program Type the Radio can look for Stations with Programme contents which can be preselected, like: Sports, News, Rock, Pop etc...

USING PTY TO SELECT PROGRAM

PTY button is operated as follows:



The selection is done through the preset buttons 1 6.

MUSIC group

- POP M., ROCK M.
- EASY M., LIGHT M.
- CLASSICS, OTHER M.
- JAZZ, COUNTRY
- NATION M., OLDIES
- FOLK M.

SPEECH group

- NEWS, AFFAIRS, INFO
- SPORT, EDUCATE, DRAMA
- CULTURE, SCIENCE, VARIED
- WEATHER, FINANCE, CHILDREN
- SOCIAL, RELIGION, PHONE IN
- TRAVEL, LEISURE, DOCUMENT

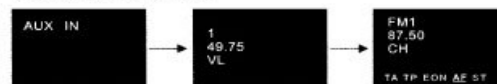
When a PTY type program is selected, the radio will start searching PTY information and it stops when the information is found. If there are no PTY information, it automatically switches to normal mode, the radio will emit a Beep and on the display will appear PTY NONE.

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Basic Operation

English

- Mode control**
Press this button to select Radio (TUNER), DVD/VCD/CD/MP3(S-CDP) & USB (USB-DRIV) mode.



- Band selector**
Each time this button is pressed, the radio band is changed. The indication "Fm1" "FM2" "FM3" "MW1" or "MW2" will appear on the display according to your selection.



- Setting P-EQ**

While listening to the popular music, classic music and rock music, you can adjust the sound quality to make it perfect by pressing 5 (P-EQ) button. The procedure is as follows:

- ★ POP mode is selected when 5 (P-EQ) button is first pressed and "POP" appears in the display.



- ★ ROCK mode is selected when pressing 5 (P-EQ) button at the second time, and "ROCK" appears on the LCD.



- ★ Classic mode is selected when pressing 5 (P-EQ) button at the third time, and "CLAS" appears in the display.



- ★ Press 5 (P-EQ) button at the fourth time to turn off the P-EQ system.

★ Note: Bass mode and Treble mode return to initial settings when P-EQ system is on, "BASS" and "TREBLE" disappear.

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Basic Operation

English

6. ST Selector (AF-L/R)

Press and keep pressed **[ST]** button to select **MONO** mode or **STEREO** mode.

Stereo reception is changed when "ST" appears in the LCD. And "CD" appears in the display.

It is switched to **MONO** mode when "ST" disappears.

During the player mode, press the button to switch left speaker/ right speaker/stereo.

AF Button

Alternative Frequencies. The Radio automatically selects the alternative Frequency of the same Programme with the best Reception.

7. Loudness Button(TA)

Press the button to increase the low frequency. This can improve the sensitivity for your ears. And "LOUD" appears in the LCD when the loudness mode is activated. Press it once more to shut down the LOU function.



TA Button

Traffic Program/Traffic Announcement

8. Volume control

Rotate the button anti-clockwise to decrease, or clockwise to increase volume level.



9. Open/close button / Detaching panel button

- Press this button to show the disc slot in the main panel.
- To detach the front panel, press this button so that the panel slide down from vertical to horizontal position. Use thumb hold near the preset button between 3 and 4, and use other finger to hold the corrugated release button at the back of the front panel while pulling.
- To re-attach the panel, put the front panel to the slide down metal frame by clipping it into place.

10. Remote Control Receptor

Receptor for the card remote commander.

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Basic Operation

English

- ★ Note: This window is used for the unit with remote control function. Without this function, you should ignore the operation contents about remote control function.

11. Tuning/Selecting Tracks

Manual Tuning: Press **[+]** or **[-]** button continuously to select a station upward or downward respectively.

Automatic Tuning: Press and hold **[+]** or **[-]** button for more than 3 seconds, the radio automatically searches a station upward or downward respectively and plays when it finds a station.



12. Reset Button

Operating the unit for the first time or after replacing the car battery, you must reset the unit. Press **[RES]** button with a pointed object (such as a ballpoint pen) to set the unit to initial procedure.

- ★ Note: When some errors occur in the LCD display, you can press RESET button to resume to normal. And it will erase the clock setting and some memorized functions.

13. Eject Button

Press the eject button will eject the disc.

14. Setting the Sound Characteristics

Audio level control (when pushing one after another)

Press the button shortly one after another to show "VOL/BAS/TRE/BAL/FAD" control.

- VOLUME-press this button once, then rotate anti-clockwise to decrease, or clockwise to increase volume level.



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Basic Operation

English

- BASS -press this button twice, then rotate anti-clockwise to decrease, or clockwise to increase bass level.



- TREBLE - press this button 3 times, then rotate anti-clockwise to decrease, or clockwise to increase treble level.



- BALANCE -press this button 4 times, then rotate anti-clockwise or clockwise to level balance of speaker right and left.



- FADER -press this button 5 times, then rotate anti-clockwise or clockwise to level fader of speaker front and rear.



- BRIGHTNESS-press this button 6 times, then rotate anti-clockwise to decrease, or clockwise to increase BRIGHTNESS level.



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Basic Operation

English

- CONTRAST -press this button 7 times, then rotate anti-clockwise to decrease, or clockwise to increase CONTRAST level.



- COLOR -press this button 8 times, then rotate anti-clockwise to decrease, or clockwise to increase COLOR level.



- SHARP -press this button 9 times, then rotate anti-clockwise to decrease, or clockwise to increase SHARP level.



- HUE -press this button 10 times, then rotate anti-clockwise to decrease, or clockwise to increase HUE level.



15. Number Buttons

Number buttons can help you store your favorite station by pressing any one of the number buttons. You can follow the steps as below:

Press and hold any **number button** (1-6) until "CH" appears in the LCD display when receiving a station. And now the station is already stored in the corresponding number button.

16. LED Lamp

17. Disc Slot

Holding the disc to insert into the disc slot. The disc mechanism will automatically engage into DVD/VCD/CD/MP3 play mode.

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Basic Operation

English

18 Preset Stations/AMS

TV Tuning Operation

At First, press MODE knob to switch the set to TV mode, then press "AMS" (Auto Memory System) to auto-scan TV station from low frequency to high frequency and TV station will be automatically stored in to memory. When Auto-Tuning is done, you can use the remote control 0-9 key to select your desired station.



AMS RADIO OPERATION

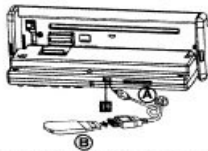
Press **AMS** button to scan each stored station 10 seconds respectively which stored in **1-6** number buttons. When AMS mode is carried out, "INT" appears on display. You also can press the corresponding number button or AMS button when your desired station is charged. It starts playing that station.

★ Press and hold **AMS** button for more than 3 seconds to activate automatically memory storing function. The radio automatically selects a station and has it stored in any one of the number buttons **1-6**.

★ Note: The unit can be stored up to 6 stations for each band. Regarding the function of number buttons, refer to number buttons for details.

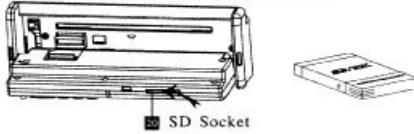
19 USB Port

The unit can be connected to a USB flash memory (B) for playing MP3 songs through the USB cable (A) (provided together with radio).



20 SD Socket

Holding the SD card to insert into the SD socket. The mechanism will automatically engage into the SD mode.



13

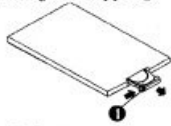
Remote Control Operation

English

Replacing the Battery

★ When the range of the operation of the card remote control becomes short or no functions while operating. Replace the battery with a new button cell. Make sure the battery polarity before replace.

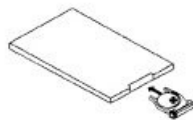
1. Pull out the Battery Holder while pressing the Stopper (A)



2. Put the button-type battery (+) mark upward into the Battery Holder.



3. Insert the Battery Holder into the Remote Control.

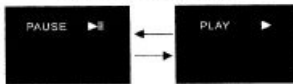


★ Power Button

--- Press **1** (⏻) button to turn On/Off the power.

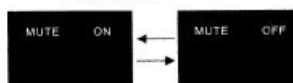
★ Pause/Play Button

--- Press **2** (⏸) button to suspend the playback of CD, MP3, VCD, DVD. Press it again to return to normal playback mode.



★ Mute Button

--- Press **3** (🔇) button to cut down the sound output, press it once more to resume the previous sound level.



★ Menu selector

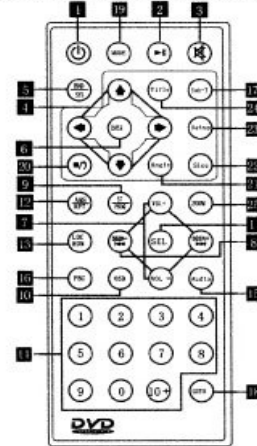
--- Press **4** (⏪) / **5** (⏩) to select your desired menu, then press **6** (ENTER) or press the play button **2** (▶) to confirm.

Note: This function works in main menu mode only; refer to page 13.

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Location of the Remote Control

English



- | | |
|---|--------------------------------|
| 1 Power Switch | 13 Random Playing (LOC) |
| 2 Pause/Play Button | 14 Number Button |
| 3 Mute Button | 15 Audio-Setting |
| 4 Selecting Menu Button | 16 PBC Menu |
| 5 Band/System Switch | 17 Subtitle-Setting |
| 6 Enter Button | 18 Playing Time-Setting |
| 7 Volume Control | 19 Mode Switch |
| 8 Tuning/Selecting Tracks/F.F/REW | 20 Stop/Reverse Button |
| 9 Program Playing (ST) | 21 Angle-Setting |
| 10 On-Screen Display | 22 Slow-motion Play |
| 11 Setting the Sound Characteristics | 23 Setup Menu |
| 12 Repeat Playing (AMS) | 24 Menu-Display |
| | 25 Zoom-Setting |

14

Remote Control Operation

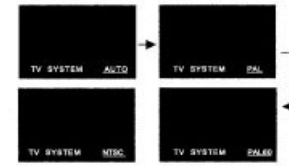
English

★ Band/System Switch

--- During radio mode, press **5** (BAND/SYS) to switch receiving band.

--- In TV mode, press **5** (BAND/SYS) to switch PAL, SECAM and NTSC (not active) systems.

--- During the player mode **5** (BAND/SYS) button to switch to AUTO, PAL, PLA60 or NTSC system.



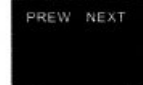
★ Volume Increasing/Decreasing

--- Press **7** (VOL+ or VOL-) button to increase or decrease the volume level respectively.

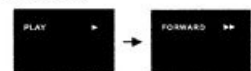


★ Tuning/Selecting Tracks /FastRewind/Forward

--- During radio mode, continuously press **8** (⏪ or ⏩) button to manual search a station downward or upward respectively; if press and hold **8** (⏪ or ⏩) button for more than 3 seconds, the radio will automatically search a station downward or upward respectively until it finds a station.



--- During the playing mode, press and hold **9** (⏪ or ⏩) button to fast rewind or fast forward for you to reach your desired track quickly. When discontinuously press **9** (⏪ or ⏩) button, you can select your desired portion downward or upward respectively



★ Program Playing

--- During CD, VCD mode, you can set the program order to play, you can follow the steps as below: Firstly press **16** (PBC) button, and then press **17** (PGM) button, and the television displays programming P00:00. You can set the program order to play them by using **10** (0-10+) button, and then press **2** (▶) to play.

Note: Program doesn't function in playing MP3.

★ On-Screen Display

--- During CD, VCD, DVD mode, press **10** (OSD) button. The display shows single track elapsed time, single track left time or entire disc

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Remote Control Operation

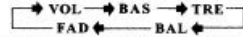
English

left time, and the track being played and the amount of the whole disc.

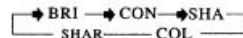
Note: During MP3 mode, only single track elapsed time is displayed in OSD mode.

★ VOL/BAS/TRE/BAL/FAD Selector

— Repeatedly press **11** (SEL) button to select the desired mode in the following order:



Note: After selecting your desired mode, you can adjust the current mode being displayed by using (VOL+ or VOL-) buttons. When P-EQ mode is activated, press **SE** button to select the modes. And Bass/Treble mode are inva-Lid. (shown as below)



★ Repeat Playing/AMS

— During DVD mode, firstly Press **12** (AMS/RPT) to repeat the current chapter being played; Press it again to repeat playing the title. The third press it to repeat all

(LCD will display different designs) Press 4 times to cancel the function (off)

— During CD, MP3, VCD mode, firstly press **12** (AMS/RPT) to repeat the current track being played;

press it again to cancel the repeating functional.



Note: In VCD, MP3, CD mode. The initial procedure is repeat playing all the tracks.

Note: In radiomode. Press **12** (AMS/RPT) to scan each stored station 10 seconds respectively which stored in Number Buttons.

★ Random Playing

— During the playing mode, press **13** (RDM) button to play any track at random. (Viz. The unit plays tracks out of turn.)



Note: RDM is not functional in DVD mode.

★ Number Buttons

— During radio mode, you can select one of the 6 stored stations on each hand by pressing any one of the number button **14**

— During the playing mode, you can select any track directly by using **14** number button (0~10+). For example, if you need the fifteenth track, you can first press button 10+ and then press button 5, the corresponding track (15) will be played.

17

Remote Control Operation

English

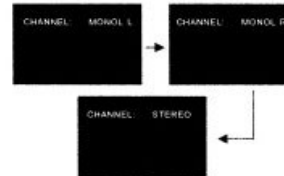
Note: When button 10+ is first pressed, it works as 10+, it works as 20+ when pressed at the second time, the third time ...30+...and the like.

In PBC playback mode, Number Button is not functional.

★ Left/Right/Stereo Selector

— During the playing mode, continuously press **15** (Audio) can change the sound to left / right speaker or stereo mode.

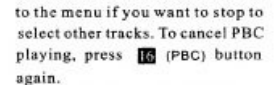
Note: There are 3 grades surrounding effect in surround mode. During VCD mode you can see the different pictures indicating different effects on the television.



★ Playing PBC (menu)

— During VCD mode only, when pressing **16** (PBC) button at the first time, PBC playback starts and the menu of entire disc appears on the television. And then you can select your favorite track by using number button **14** (0~10+) When a track is playing, you can press

20 (STOP/RETURN) button to return to the menu if you want to stop to select other tracks. To cancel PBC playing, press **16** (PBC) button again.



★ Subtitle Selector

— During DVD mode, press **17** (SUB-T) button to switch the menu to English, French, China, Thai and Italian



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Remote Control Operation

English

The languages depend on the disc inserted.

★ Setting CDs Playback Time

— In VCD, CD mode, press **18** (GOTO) key and set the time when you begin to play the track, and the television will display the time --:--. Enter your desired time by pressing number button **14** (0~10+). For example, enter: 25:00, press enter it will automatically start playing the track from point of the twenty-fifth minutes in the disc.

— In DVD playing mode, press **18** (GOTO) key once and input a desired track number, then press ENTER key to play the DVD from the position corresponding to the track number selected.

— In DVD playing mode, press **18** (GOTO) key and input a desired time with navigation buttons to play the DVD from the position corresponding to the time selected. For example, press **18** (GOTO) key and the television will display the time --:-- Enter your desired time by pressing number button (0~10+) Then press Enter button, it will automatically start playing the track from point of your desired

time in the disc.

Note: No time play function for MP3.

★ Mode Switch

— Press **19** (MODE) button to switch to radio mode or playback mode.

★ Stop the Playback

— In DVD mode, press **20** (STOP) button to suspend the playback and "press play to continue" shown on TV, press it again to stop the playback.

Note: In VCD, MP3 and CD, press this key once to stop.



★ MULT-ANGLE KEY

— In DVD playing mode, press **21** (ANGLE) key, you can watch the DVD content from different angle.

Note: In VCD, MP3 and CD it is not the function, this function depends on the disc inserted

★ SLOW REVERSE/ SLOW ADVANCE KEY

— In DVD playing mode, press **22** (SLOW) key once for 1/2 slow advance, twice for 1/3 slow advance, third for 1/4 slow advance, fourthly

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Remote Control Operation

English

for 1/5 slow advance, fifthly for 1/6 slow advance, sixthly for 1/7 slow advance, seventhly for normal player.

— In VCD playing mode, press **23** (SLOW) key once for 1/2 slow advance, twice for 1/3 slow advance, Third for 1/4 slow advance, press fourthly for 1/5 slow advance, fifthly for 1/6 slow advance sixthly for 1/7 slow advance.

23 (SLOW) key to, cancel slow reverse / Slow advance function.

Note: In MP3 and CD, it is not the function.

★ SET UP KEY

— In playing mode, press **24** key (Setup), menu will be showed on Screen. (see the picture)

Pressing **25** (ENTER) key to confirm after selecting your desired content: SYSTEM SETUP: TV system, Auto play, video, TV type, password, rating, default the system can display NTSC, PAL60, PAL, AUTO, when selecting TV system (shown as picture)



the system can play DVD disc automatically, when selecting Auto Play ON (shown as picture)



the system can display interface: YUV, TV-RGB, SCAN, YPBPR, VIDEO, when selecting video (shown as picture)



the system can display 4:3p, 4:3LB, 16:9 to adjust the size of tv, when Selecting tv type (shown as picture)



It can set up password when selecting password (Shown as picture)



the system can display Kid to Adult 8 options, when selecting Rating



the system can display restore, when selecting DEFAULT (Shown as picture)



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Remote Control Operation

English

LANGUAGE SETUP: OSD language, audio lang, subtitle lang, menu lang, exit setup

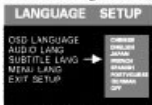
the system can display English, Chinese, Germany, Spanish, French, Portuguese for options when selecting OSD language (Shown as picture)



the system can display Chinese, English, Japan, French, Spanish, Portuguese, Latin, German, for options when selecting audio lang (Shown as picture)



the system can display Chinese, English, Japan, French, Spanish, Portuguese, German and Latin for options when selecting subtitle (Shown as picture)



the system can display Chinese, English, Japan, French, Spanish, Portuguese, German and Latin for options when selecting menu lang (Shown as picture)



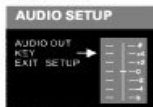
Please select exit option for exit.

AUDIO SETUP: audio out, key, exit setup

the system can display spdif/off, spdif/raw, spdif/pcm, when selecting audio out. (Shown as picture)



It can adjust the size when selecting key (Shown as picture)



VIDEO SETUP: brightness, contrast, hue saturation, sharpness, exit setup

It can adjust the brightness when selecting Brightness (Shown as picture)



It can adjust the contrast when selecting contrast (Shown as picture)



It can adjust the hue when selecting Hue. (Shown as picture)

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Remote Control Operation

English

Region code setting

- 1) Insert a Disc into the unit
- 2) Press STOP
- 3) Press Right Arrow (on remote control)
 - Press Left Arrow
 - Press Down Arrow
 - Press Up Arrow

The following picture will be display ED on the screen.



5) Select the region code to 0 for Free zone, Press ENTER to confirm

6) Press play to the Disc

Note: Attention: you should not set up other options.

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Remote Control Operation

English



It can adjust the saturation when selecting Saturation. (Shown as picture)



It can adjust the sharpness when selecting Sharpness. (Shown as picture)



DIGITAL SETUP: op mode, dynamic range, dual moivo, exit setup.

The system will offer LINE OUT and RF REMOD to choose when selecting OP MODE. (Shown as picture)



You can choose DYIVAMIC RANGE including FULL, 6/8, 4/8, and 2/8 when selecting DYIVAMIC RANGE. (Shown as picture)



The system will offer STEREO, MONO L, MONO R and MIX MONO to choose when selecting DUAL MOIVO (Shown as picture)



★ TITLE KEY

— In DVD. VCD playing mode.

Press [TITLE] key to show all tracks 'title on TV screen. Then press [0-10+] key or press [←/→/△/▽] key to choose your desired track number and press [ENTER] key or [▶||] key to start.

★ ZOOM KEY

— In DVD. VCD playing mode,

press [ZOOM] key once for 2x Mode, twice for 3x Mode, third time for 4x Mode, fourth time for 1/2x, five times for 1/3x, six times for 1/4x, seven times to off

Note: NO ZOOM function CD/MP3 playing mode.

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Remote Control Operation

English

Region code setting

- 1) Insert a Disc into the unit
- 2) Press STOP
- 3) Press Right Arrow (on remote control)
 - Press Left Arrow
 - Press Down Arrow
 - Press Up Arrow

The following picture will be display ED on the screen.



5) Select the region code to 0 for Free zone, Press ENTER to confirm

6) Press play to the Disc

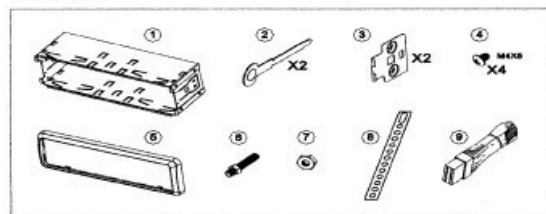
Note: Attention: you should not set up other options.

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Installation

English

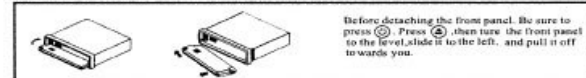
Parts List (The numbers in the list are keyed to those in the instructions.)



Mounting Example ①



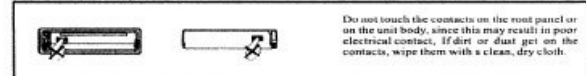
DETACHING THE FRONT PANEL



REPLACING THE FRONT PANEL



PRECAUTIONS



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Specification

English

General

Power Requirements.....14.4V DC
 Load Impedance.....4Ω
 Max. Power Output.....60Wx4
 Tone Controls.....±8dB(Bass 100Hz, Treble 10KHz)
 Dimensions.....Approx. 192x178x50mm(dxwxh)
 Mounting Dimensions.....Approx. 169x182x53mm(dxwxh)
 Weight.....Approx. 2kg

DVD Deck Section

Discs Played.....MPEG4, DVD, VCD1, 0/1, 1.2, 0/3, 0, MP3, CD, CD-R, CD-RW, PICTURE-CD
 Video System.....AUTO/PAL/NTSC
 Mounting Angle.....0 to +/-30°

Video Section

Video System.....4:3 Letter Box and 4:3 Pan Scan
 Video Output Level.....1.0Vp-p 75 ohms
 Horizontal Resolution.....500

Tv Section

Tv bands.....VL, VH, VHF
 Color system.....PAL/SECAM
 Sound system.....BG/DK/I
 Resolution.....480 x 234
 Sensitive.....65dB

Audio Section

Maximum Output level.....2Vrms(+/-3dB)
 Frequency Response.....20 to 20KHz
 Signal-to-noise Ratio.....85dB
 Separation.....80dB

AM Tuner Section

Frequency Range.....522-1620(Europe/China), 530-1710(U.S.A.)
 IF Range.....450KHz
 Usable Sensitivity(-20dB).....25dB

FM Tuner Section

Tuning Range.....87.5-108(Europe/China), 87.5-107.9(U.S.A.)
 IF Range.....10.7MHz
 Usable sensitivity (-30dB).....15dB
 Signal-to-noise Ratio.....60dB
 Stereo Separation.....30dB(1KHz)
 Frequency Response.....30-15000Hz

 ★ Note: Due to continuous product improvement, specifications and design are subject to change without notice.

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Simple Troubleshooting Guide

English

Problem	Cause/Solution
No power	★ Check and make sure whether the fuse is blown, replace with the proper value if necessary.
Some errors occur in the LCD or no function when pressing the button.	★ Press the RESET button.
Unable to receive stations.	★ Check and make sure whether the antenna is inserted or the antenna is properly connected. If so, insert the antenna or connect it properly.
Poor effect on receiving a station.	★ Antenna may not be the proper length. Make sure the antenna is fully extended or broken: if broken, replace the antenna with a new one. ★ The broadcasting signal is too weak. ★ The antenna is poorly grounded, check and make sure the antenna is properly grounded at its mounting location.
ACDs cannot be loaded.	★ A CDs is loaded in the mechanism.
The stereo indicator "CD" is flashing.	★ Tune in the frequency accurately. ★ The broadcasting signal is too weak. (Set to the MONO mode) (page 12)
No picture.	★ The Video line from main unit to the TV is not connected properly.
The picture noise appears.	★ Improper setting of the color system. Set the color system to "PAL" or "SECAM", according to the connected television. ★ The CDs is dirty or damaged.
When there is no colour video	★ Please firstly press "RESET" key, and then start the unit.

★ Note: If any of the problem persist after check list had been made, consult your nearest service dealer. Never attempt to disassemble your unit by yourself.

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