SD812TS

IN-DASH DOUBLE-DIN DVD/MP3/CD RECEIVER
WITH 6.2-INCH WIDESCREEN TOUCHSCREEN TFT MONITOR

01.2008

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N1342

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User's Manual

SD812TS

IN-DASH DOUBLE-DIN DVD/MP3/CD RECEIVER
WITH
6.2-INCH WIDESCREEN TOUCHSCREEN TFT MONITOR

WITH USB PORT AND FRONT PANEL AUX INPUT

RDS EUROPEAN FREQUENCY MODEL

SD812TS

In-Dash Double-DIN
DVD/MP3/CD AM/FM Receiver
with 6.2" Touchscreen TFT Monitor

Congratulations on your purchase of a Sound Storm mobile video product.

It has been designed, engineered and manufactured to bring you the highest level of performance and quality, and will afford you years of viewing pleasure.

Thank you for making
Sound Storm your choice for mobile video entertainment!

USER'S MANUAL

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GENERAL PRECAUTIONS

1. Be sure to keep the disc slot clean. If you see dirt or dust on it, wipe it off with a clean, lint-free cloth.
2. Do not insert dirty or dusty discs into the disc slot. Dirt and dust introduced to the player mechanism in this manner may cause irreparable damage to the player.
3. Don't play this unit at maximum volume level for extended periods of time. It will shorten the life of the unit.
4. This player is a precision device. Do not open the case or attempt to make any repairs yourself.
5. Do not press on the LCD display or touch it with hard objects. This may scratch the surface of the display.
6. Do not watch the screen while you drive, or attempt to operate the unit. If the driver wishes to watch the screen, pull off the road and turn off the engine first.
7. This product is for use in 12V negative ground vehicles only.

OPERATING PRECAUTIONS

NOTE

- This unit can play the following discs:

MODE	ICON	CONTENT	DISK SIZE
DVD	DVD VIDEO	Sound, image	12CM
VCD	DIGITAL VIDEO CD / COMPACT disc DIGITAL AUDIO	Sound, image	12CM
MP3	MP3	Sound only	12CM
CD	COMPACT disc DIGITAL AUDIO	Sound only	12CM
Note: 1. This unit is compatible with MP4/DVD, VCD1. 0/1. 1/ 2. 0/3. 0 version, DVD, CD-R, CD-RW, MP3, WMA, JPEG disk.			

1. Avoid playing discs while driving on a bumpy road. This may cause damage to the laser in the player. Also, playing poor quality discs may damage the laser.
2. If the inside of your vehicle is dirty or dusty, please be sure to use a CD lens cleaning kit frequently.
3. This player is designed to operate from -20ºC to +60ºC. Do not turn it on in extreme cold or hot environments which are not within this range.
4. If you observe abnormal or unexpected behavior from the unit, please refer to the Troubleshooting page of this manual. If you do not find a remedy by doing so, try pressing the RESET button.
5. If you connect a USB drive to the USB connector on the face of the player with a cable, be sure to use one less than 32 inches long. If it is longer, the unit may not be able to read or mount the drive properly.

WARNING!

Do not watch or operate the video monitor while driving. Doing so is unsafe and can distract the driver, which may cause an accident.

In some states or countries it is illegal for a driver to operate or view a video monitor while driving. It may also be illegal for a passenger to operate or view a video monitor in a moving vehicle even if the driver is not watching it.

Be sure that the installation and operation of this product is in compliance with local rules and regulations.

FEATURES

This unit features:

6.2" Widescreen TFT LCD display

Touchscreen operation MPEG-4 decoding technology

Compatibility with MP4, DVD-R/DVD-RW, VCD, SVCD, CDR, CDRW,

WMA and JPEG formats

Multi-language subtitles

Multi-language soundtrack support

Multi-language system menus

Angle mark function

Parental controls for young viewers

Zoom function

PBC capability

FM/AM Radio Tuner with 30 station presets

RDS Radio frequencies

BASIC OPERATION

1. POWER ON/OFF

Press the POWER button briefly on the front panel or remote control to turn the power off. Press again briefly to turn power back on.

2. MODE SELECT

To select the input source, press the MODE button on the front panel (or the SOURCE button on the remote). Press repeatedly until the desired input source is displayed in the following sequence:
FM LOADING (Radio Tuner)→ DVD LOADING (DVD Player→ AUX LOADING (front panel AUX in connector)

3. MUTE

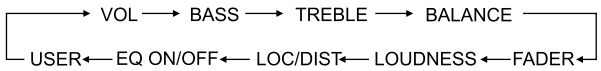
To turn off the sound output, press MUTE on the front panel or remote control briefly. Press it again briefly to restore the prior volume level.
To turn off the image on the LCD display, press and hold the MUTE button. Press and hold again to restore the image on the screen.
Please note: When you turn off the display image, the sound level will be unaffected.

4. VOLUME

Press the VOL- or VOL+ button on the front panel or the remote to change the volume as desired. The display will show the current volume level on a scale of 0-39.

5. AUDIO ADJUSTMENTS

Press repeatedly the SEL button on the remote or touch the SEL button area on the panel to cycle through the various audio parameters you may wish to adjust:



After you select the mode you wish to adjust, use the VOL -/+ buttons to make the setting adjustment. If you do not use the VOL buttons to make an adjustment, the unit will automatically return to its former setting after 45 seconds.
Please note: Loudness, Local/Dist and EQ On/Off can only be accessed through the panel (not the remote).
Please note: If EQ is turned to ON, then the BASS, TREBLE settings will be unavailable.

SPECIFICATIONS:

Power supply	DC 12V
Power range	10.8-16.0V DC
Max consumption current	10A
Dimensions	7.0”X 6.0”X 3.8”(178X153X101MM)
Ground system	Negative ground
Power Rating	80 watts x 4

FM tuner

European frequency range	87. 5–108MHz
USA frequency range	87. 5–107. 9MHz
Signal/Noise Ratio	55dB
Stereo separation	30dB
Sensitivity	20-30dBuv
THD	1.5%

AM tuner

European frequency range	522–1620kHz
USA frequency range	530–1710kHz
Limit noise sensitivity	32dB

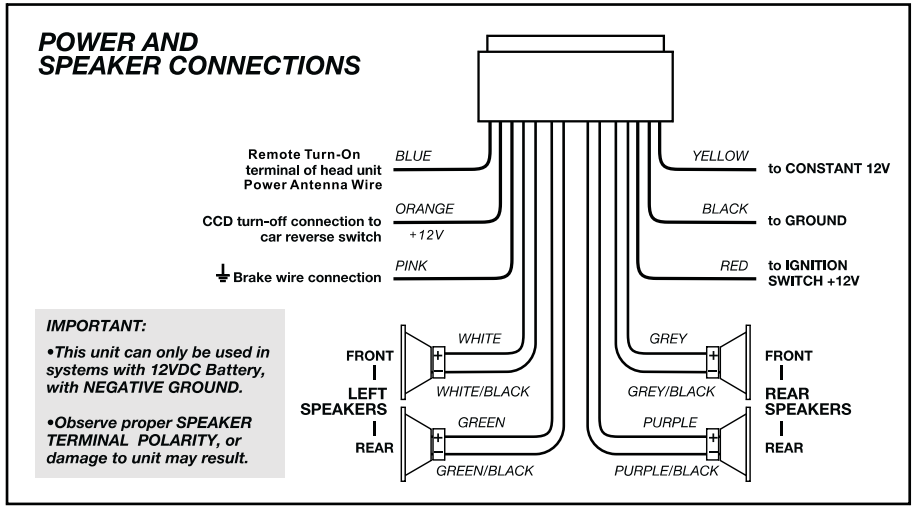
DVD PLAYER

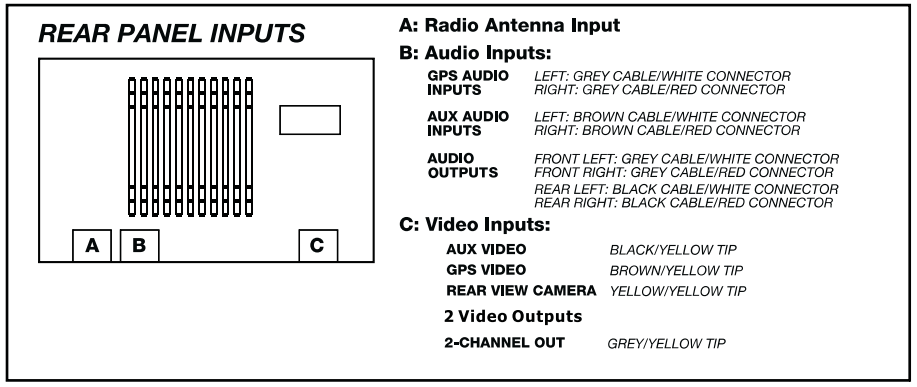
Signal/Noise ratio	70dB
Frequency response	20Hz-20kHz

WIRING DIAGRAM

This player is equipped with ISO standard connector, pls follow below instruction:

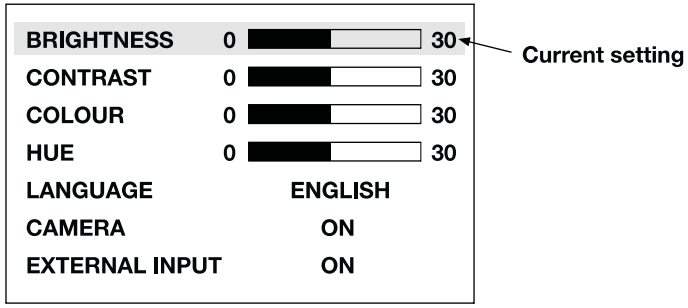
- Red - ACC ON (+12V)
- Yellow - Constant (+12V)
- Black - Ground
- Blue - Power Antenna Control Wire
- Orange – Rear View Camera
- Pink – Brake wire
- Grey/Grey black - Right front speaker +/-
- White/White black - Left front speaker +/-
- Purple/Purple black - Right rear speaker +/-
- Green/Green black - Left rear speaker +/-





6. VIDEO IMAGE ADJUSTMENTS

Press and hold the SEL button to bring up the video image adjustments menu. The following screen will be displayed:



To adjust a setting, simply touch the on-screen button for that setting. After it is selected, use the VOL-/+buttons to change the setting. You can also press the button on the display to adjust it.

The video adjustments are on a scale of 0 - 30.

Please note: Video image adjustments are not available in Radio Mode.

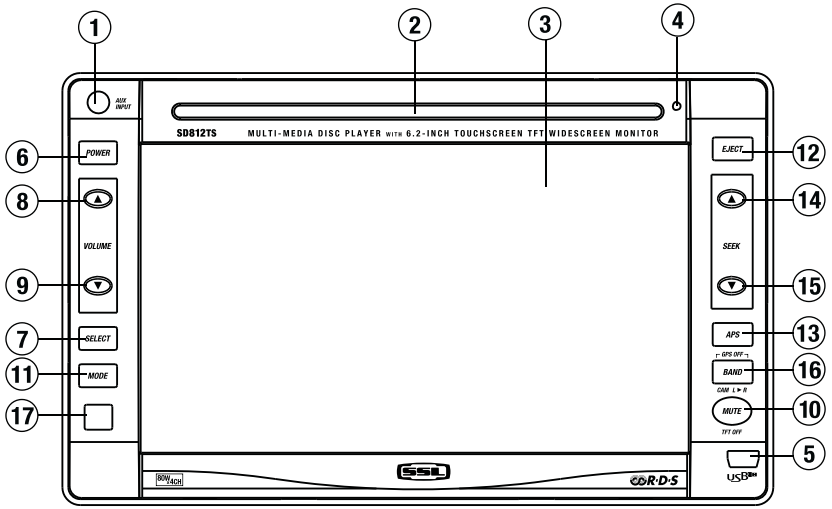
To adjust overall video quality using the built in presets such as BRIGHT, SOFT and SHARP, press the SEL button to select USER, and then use the VOL button to make your selection.

7. RESET

If the unit appears non-functional or performs in an abnormal or unexpected manner, you should RESET the unit. Using a ball-point pen or similar object, press the RESET button on the front panel.

Please note: Pressing the RESET button restores all the adjustable settings to the factory default settings.

FEATURES AND CONTROLS



1. AUX INPUT JACK
2. DISC SLOT
3. TFT LCD DISPLAY
4. RESET BUTTON
5. USB PORT
6. POWER BUTTON
7. AUDIO SETUP BUTTON
8. VOLUME UP BUTTON
9. VOLUME DOWN BUTTON
10. MUTE/DISPLAY OFF BUTTON
11. MODE SELECT BUTTON
12. EJECT BUTTON
13. APS SOUND BUTTON
14. SEEK UP/FAST FORWARD BUTTON
15. SEEK DOWN/FAST REVERSE BUTTON
16. BAND/GPS VIDEO MODE
17. IR REMOTE CONTROL RECEPTOR

TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Can not turn unit on	Check if power fuse is blown.	Replace the fuse with a new fuse of same type and rating.
	A malfunction has occurred in the CPU.	Press the RESET button on the front panel, using a ball-point pen or similar. The turn power back on.
When the ignition is turned off, all memorized settings are lost.	There is an error in the wiring of the IGNITION ACC connection.	Check all connections and correct any errors.
The remote does not operate, or it is unreliable.	The remote control battery is weak.	Replace the battery in the remote control.
Radio reception is poor.	Antenna length is incorrect, or antenna is poorly grounded.	Check and correct the quality of the antenna correction and its grounding.
Disc can not be loaded.	A disc is already in the player.	Remove the other disc.
Disc will not play.	Disk is scratched.	Use only unscratched discs.
	Lens is dirty.	Remove the disc and reinsert it with label side up.
	Disc is inserted upside-down.	Use a commercial lens cleaning disc kit.
Can not change the soundtrack language or subtitles.	Disc does not have alternate language or subtitles recorded on it.	If feature is not available on the disc, it cannot be enabled.
No video image appears on the screen.	Video line between unit and TV is not properly connected.	Check and reconnect video inputs.

OTHER PLAY MODES

1. AUX IN OPERATION
To hear the audio from an external device connected to the front panel AUX IN jack, press the MODE switch on the front panel or remote control until AUX MODE is displayed.
Please note: The unit has a front panel AUX INPUT for Audio and a rear panel AUX IN for Video.

2. REAR VIEW CAMERA INPUT
If your car is equipped with a rear view camera, connect it to the Camera Video input on the rear panel. When you have connected it properly, which includes a connection to the vehicle's backup lights, when you back up the car the screen will automatically switch to display the view from the rear view camera.
If you need to adjust the view from this camera, press the BAND button.

3. GPS VIDEO INPUT
This unit includes an input for an outboard GPS unit. To view the GPS display, press and hold the BAND button for three seconds, and make sure the GPS unit is turned on.

BASIC FUNCTIONS

1. AUX INPUT JACK

2. DISC SLOT

3. TFT LCD DISPLAY

4. RESET BUTTON

5. USB PORT

6. POWER BUTTON
Press this button briefly to turn power on. Press again to turn power off.

7. AUDIO SETUP BUTTON
Press briefly to enter Audio Adjustment mode. Press and hold to enter Video Adjustments mode.

To change between the USA and European FM frequency bands, press and hold this button for 3-5 seconds to enter the Frequency mode. Then press the SEL button briefly to switch back and forth between the three modes available: USA 1 → USA 2 → EUROPE

8. VOLUME UP BUTTON
Press this button briefly to increase the volume in single steps. Press and hold to smoothly increase volume to desired level and release.

9. VOLUME DOWN BUTTON
Press this button briefly to decrease the volume in single steps. Press and hold to smoothly decrease volume to desired level and release.

10. MUTE/DISPLAY OFF BUTTON
Press briefly to turn off the sound output. Press again briefly to restore previous volume level.
Press and hold to turn off the screen image. Press and hold to restore the screen image.

11. MODE SELECT BUTTON
Press this button to cycle between the audio input sources (CD, RADIO, USB, AUX IN, etc.)

12. EJECT BUTTON
Press this button to eject the disc.

13. APS SOUND BUTTON

In Radio Mode, press this button briefly to scan the radio band for stations. Press and hold this button to activate the Radio Station Auto Scan function, which locates and sets up strong radio stations and assigns them to the preset buttons.

14. SEEK UP/FAST FORWARD BUTTON

In Radio Mode, press this button briefly to move up the radio band one step at a time. Press and hold to auto-scan for stations.

15. SEEK DOWN/FAST FEVERSE BUTTON

In Radio Mode, press this button briefly to move down the radio band one step at a time. Press and hold to auto-scan for stations.

16. BAND/GPS VIDEO MODE

Press briefly to cycle through the radio bands: FM1 → FM2 → FM3 → AM1→ AM2
Press and hold to switch the A/V input mode of the GPS source (GPS is not included in this system). In backup mode (CCD mode), press this button to adjust the angle of the rear-view camera image.

17. IR REMOTE CONTROL RECEPTOR

Receives the infrared control signals from the remote control.

9. CD PROGRAM PLAY

In CD mode, you can set a sequence of songs to play in a certain order.
When the CD is playing, press ST/PROG button, The display will show:

PROGRAM			
1 [0 6]	5 [_ _]	9 [_ _]	13 [_ _]
2 [0 9]	6 [_ _]	10 [_ _]	14 [_ _]
3 [_ _]	7 [_ _]	11 [_ _]	15 [_ _]
4 [_ _]	8 [_ _]	12 [_ _]	16 [_ _]
	PLAY	PROGRAM	

Input the number of the song you want to program using the remote control.To program the first song, input your desired song, (for example, the sixth song), and press number Button 6 on the remote control. To program the second song, press▼button move the cursor to 2[_ _]. Input your desired song, (for example, the ninth song) by pressing number button 9 on the remote control. Press ►II button to confilm the programming.

To return to the normal mode, press the ST/PROG button, Then press ►II button.
Note: This function can only be worked by the remote control.

10. MP3 PROGRAM PLAY

In MP3 mode, you can set the sequence of songs to play in a centain order.
When an MP3 playing, press ST/PROG button, then the display shows:

PROGRAM			
T C	T C	T C	T C
1 0 1 : 0 3	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 0 1 : 0 6	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	PROGRAM	

Input the desired song by remote control.
For example:
To program the first song,(input 01), press ► button move the cursor to the second entry field. Input the desired song, (for example, the third song).To program the second song, press ► button ,work with ▼ button, move the cursor to 2_ _ _. Input 01, press ► button move the cursor to the second entry field, Input the desired song, (for example, the sixth song)(press 6). Press ►II button to program play.
To return to the normal mode, press the ST/PROG button, Then press ►II button.
Note: This function can only be worked by the remote control.

BASIC CD/MP3 playback

To begin playing a disc, simply insert it into the player and playback will begin automatically. If there is already a disc in the slot and you wish to play it, press the MODE button to change to DVD LOADING(Disc Playback) mode to start playback.

1. REPEAT PLAY

In CD/MP3 mode, press AMS/RPT button on remote control or RPT touch button on display to startup following repeat:
CD disc: SINGLE SONG REPEAT→REPEAT PLAY OFF
MP3: SINGLE SONG REPEAT→DIRECTORY REPEAT → REPEAT PLAY OFF

2. SEEK+ / SEEK–

Press and hold the SEEK+/SEEK- button on panel , SEEK+/SEEK- button on the remote control ,or ⏭ / ⏮ touch button on display to speed forward or backward playing.

In play mode, press the SEEK+/SEEK– button on panel, SEEK+,SEEK– button on remote control, or ⏭ / ⏮ touch button on display to speed forward or backward playing.

3. PAUSE

In playing mode, press the ⏯ button on the remote control, or the ⏯ touch button on the display to pause. Press again to back to normal.

4. STOP

In playing mode, press ■/♪ button on remote control or the ■ touch button on display to pause the player. The position will be stored in unit. Press ⏯ button on the remote control or the ⏯ touch button on the display to resume the playing at the stored position.
Press ■/♪ button on the remote control or the ■ touch button on the display twice to enter stop playback. Press ⏯ button on the remote control or the ⏯ touch button on the display to play from the first song.

5. OSD

In disc playback mode, press the OSD button on display briefly to display the position of the present disc and time.

6. RANDOM PLAYBACK

In CD/MP3 mode, press LOC/RDM button on remote control or RDM touch button on display, The unit will randomly play all songs on the disc. Press again to back to return to normal play.

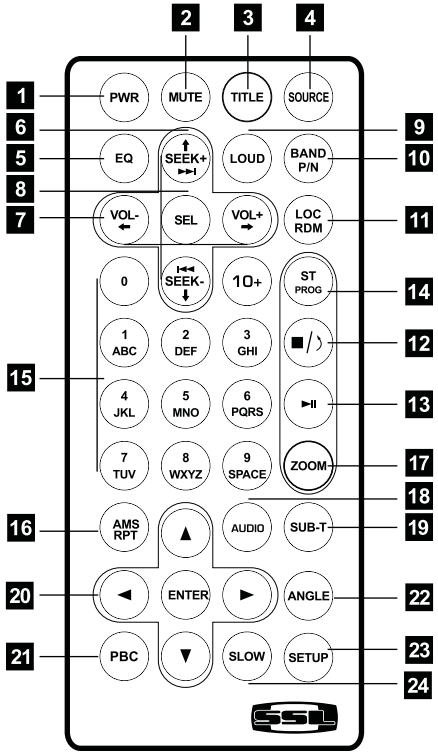
7. INTRO SCAN

During disc playback mode, pressing INTRO will play the first 15 seconds of a track and then skip to the next track and play 15 seconds, and so on. This enables you to easily find a specific track. When you hear a track you would like to listen to, press INTRO again and it will stop the scanning process and continue with that track.
Please note: MP3 disc playback does not support the Intro Scan feature.

8. EJECT

Press the EJECT button on panel briefly to eject the disc.

REMOTE CONTROL FUNCTION



1. POWER

Press once to switch on. Press again to switch off.

2. MUTE button

Press once to turn off audio output. Press again to resume volume lever.

3. TITLE button

In DVD mode,press this button to return to the top menu of disk.

4. SOURCE button

Press this button to choose audio sources.

5. EQ button

Press this button to choose an EQ preset.

6. SEEK+ (⏭) /SEEK– (⏮) buttons

In Radio Mode, press to manually tune the radio. In DISC mode, press to move ahead or back to next or last song or chapter.

7. VOL+ (→) /VOL– (←)

Press this button to increase or decrease volume level.

8. SELECT button

Press this button repeatedly to cycle through the various sound settings you may wish to adjust, like BASS, TREBLE, etc.

9. LOUDNESS button

Press this button to turn on Loudness.

10. BAND/P/N button

In radio mode,press this button to choose band.In VCD/DVD mode,prss this button to choose AUTO,PAL or NTSC system.

11. LOC/RDM button

In radio mode, press this button to switch between local and distant radio reception.In VCD/CD mode, press this key to randomly play.

12. STOP button

Press this button to stop playback.

13.PLAY/PAUSE button

Press this button to switch between play and pause.In stop mode,press this button to play.

14. ST/PROG button

In radio mode,press this button to choose stereo or mono stations.In Audio mode,it can help STOP button to programmed play.

15. 0–10+button

This player supports direct number entry. So, for example, if you wish to enter "19" you just enter [1] and then [9]. To enter "120" you just enter [1] [2] [0].

16. AMS/RPT button

In the Radio Mode, press this button to scan among the stations you have stored as presets.
In the Audio modes, press this button to engage the repeat play function.

17. ZOOM button
In DVD mode, this button is used to zoom into the screen image.
Please note that some discs do not support the ZOOM function.

18. AUDIO button
In DVD mode, press the AUDIO button to change the dialogue language for the program or movie.
Please note that these languages are limited to those which have been encoded into the disc by the producers of the disc.
In VCD mode, use this button to select from a few different audio setups.

19. SUBTITLE button
In DVD mode, if you wish to change subtitle language, press this button. If alternate languages are available, you can select one which you prefer.

20. UP, DOWN, LEFT, RIGHT and ENTER button
In DVD mode, use these buttons to navigate to and select items in the various menus. Press ENTER to confirm your selections.

21. PBC/MENU button
In VCD mode, pressing this button will engage PBC mode, which creates a directory you can navigate to make playback selections. Songs are chosen using the number buttons in PBC mode.

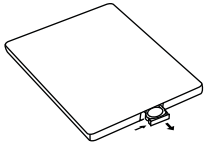
22. ANGLE button
Some DVD discs offer the viewer the opportunity to see a scene from a different camera angle. If an alternate camera angle is available to view, an "angle mark" will appear on the screen. Press the ANGLE button when you see this and the camera angle will change.
Please note: The Angle Mark function is only available on discs which have been so encoded by the producers of the disc.

23. SETUP button
In Audio Mode, press this button to choose different set items.

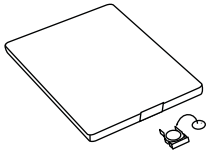
24. SLOW button
In Audio Mode, press this button to play a track at reduced speed.

CHANGING THE BATTERY
When the remote control must be held very close to the unit for it to work, or it has stopped communicating entirely, you should change the battery.

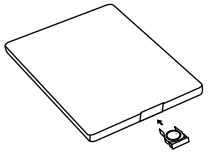
Press the release on the battery drawer with one hand, and with the other, withdraw the battery drawer.
Before you remove the battery, take careful note of the polarity.



Remove the old battery and place a new one in the drawer.



Reinsert the drawer and push it all the way in.



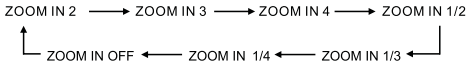
16. VCD program playing
In VCD mode, you can set the playback of a sequence of songs by using the program play function. The program playing operation steps are as follows:
In VCD mode, press ST/PROG button. The display will show:

PROG			
1 [0 4]	5 [_ _]	9 [_ _]	13 [_ _]
2 [0 8]	6 [_ _]	10 [_ _]	14 [_ _]
3 [_ _]	7 [_ _]	11 [_ _]	15 [_ _]
4 [_ _]	8 [_ _]	12 [_ _]	16 [_ _]
	PLAY	PROG	

Input the songs which you want to program using the number buttons on remote control.
For example: To program the first song, input your desired song, (for example, the fourth song), and press number button 4 on the remote control. To program the second song, press ▼ button move the cursor to 2_ _ _. input your desired song, (for example, the eighth song), press number button 8 on the remote control. Press ►II button to program play.
To return to the normal mode, press the ST/PROG button, then press ►II button.
Note: This function can only be worked by the remote control.

7. ZOOM IN/ZOOM OUT

Press ZOOM button on the remote control to zoom in /zoom out of the picture, the magnification levels are as follows:



When you are zoomed in, you can use the arrow keys to move around the picture.
Please note: Moving around the image is not permitted in normal or Zoom Out mode.

8. OSD

In playing mode, press the OSD touch button on display to display the disc position and playing time of the current song.

9. NUMBER BUTTONS

In VCD mode, press the 0-9 number button to the input a song. For example, If you wish to select the 13th song, press the 10+ button, and then press the 3 button.
Note: This function can only be accessed from the remote control.

10. REPEAT PLAY

In playback mode, press the AMS/RPT button on the remote, or the RPT button on the touchscreen to set the current song or track to turn on or off repeated playback of the current track.
Please note:
1. If PBC (Playback Control) is turned on, the Repeat mode is unavailable.
2. Switching back to DVD mode will cancel Repeat playback.

11. RANDOM PLAY

To play the tracks on the disc in a random order, press the LOC/RDM button on the remote or the RDM button on the touchscreen. To cancel the Random Play mode, press this button again.
Please note:
If PBC (Playback Control) is turned on , the Random Playback mode is unavailable.

12. INTRO SCAN

During disc playback mode, pressing INTRO will play the first 15 seconds of a track and then skip to the next track and play 15 seconds, and so on. This enables you to easily find a specific track. When you hear a track you would like to listen to, press INTRO again and it will stop the scanning process and continue with that track.

13. AUDIO TRACK SELECTION

Press this button to cycle through the following ways of listening to the audio:
LEFT (Left channel only) > RIGHT (Right channel only) > STEREO

14. PBC MENU MODE

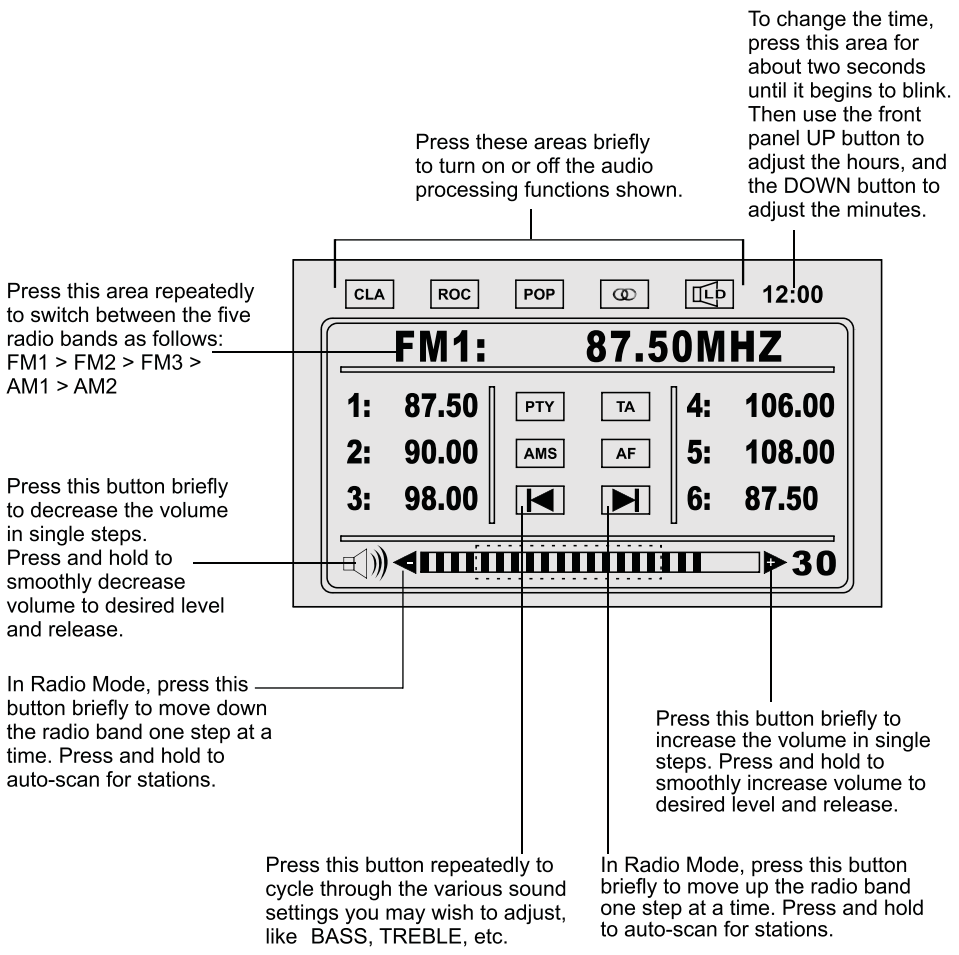
Pressing this button will engage PBC mode, which creates a directory you can navigate to make playback selections. Songs are chosen using the number buttons in PBC mode. Press PBC button again to turn off this mode.
Please note:
1. This function must be accessed using the remote control.
2. PBC operation requires a VCD2.0 or SVCD2.0 format disc.

15. EJECT

Press EJECT button on panel briefly to eject the disc.

TOUCH SCREEN OPERATION

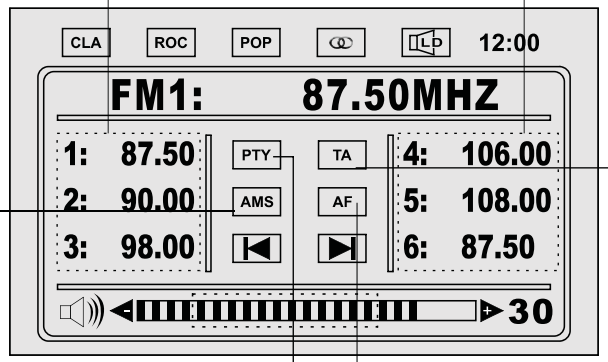
In radio mode, touch screen operation is as follows.



RDS OPERATION

To play a Radio preset, briefly press the area for that preset. If no station has been assigned to that preset, tune manually to a desired station and then press and hold the area until you hear a beep.

Touch this area briefly to scan among the stations that have been preset. Touch and hold to engage the auto-station setup mode, which scans for strong stations and automatically assigns them to presets in each band.
Please note: AMS is generally used to set up stations when you first use the radio. If you press this button after you have made your own personal presets, these will be lost and replaced by those identified by the AMS auto-scan function.



Press the TA button to hear special traffic advisory bulletins.

Press this button to turn on or off the Alternate Frequency mode.

Touch briefly once to choose style of music,touch the 1-6 numbers.The sequence is:

POPM	ROCK M	①
EASY M	LIGHT M	②
CLASSICS	OTHER M	③
JAZZ	COUNTRY	④
NATION M	OLDIES	⑤
FOLK M		⑥

Touch briefly twice to choose language,touch 1-6 number.

NEWS	AFFAIRS	INFO	①
SPORT	EDUCATE	DRAMA	②
COLTURE	SCIENCE	VARIED	③
WEATHER	FINANCE	CHILDREN	④
SOCIAL	RELIGION	PHONEN	⑤
TRAVEL	LEISURE	DOCUMENT	⑥

Note:After you touch PTY position,use the 1-6 numbers on the panel to operate above function.

Note: Above functions only work in FM band mode with RDS function enabled.

VCD PLAYBACK BASIC OPERATIONS

When you insert a VCD into the player, playback will begin automatically. If a disc is currently in the slot but you have been using a different mode, press the front panel MODE switch until DISC LOADING (Disc Playback) mode is shown on the display to initiate playback.

1. PLAY/PAUSE

In playback mode, press the ▶II button on remote control, or the ▶I touch button the touchscreen to pause. Press again to return to normal play.

2. STOP

To pause playback, press the STOP button on. To resume playback, press the ▶II Button.
To restart playback from the beginning of the disc, press STOP twice. When you press ▶II, playback will begin from the beginning of the disc.

3. SEEK+/FAST FWD

Press the and hold the SEEK + button (on the remote control) or the ▶▶I button on the screen to play in fast forward mode.

The SEEK -/FAST REV button works in a similar manner in the opposite direction.

4. PREVIOUS/NEXT TRACK

Press briefly the SEEK + button (on the remote control) or the ▶▶I button on the screen to skip back one track. Use SEEK - to skip to previous track.

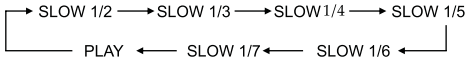
5. VIDEO SYSTEM FORMAT

During playback, if you experience distorted or black and white video images, there may be a mismatch between the disc, DVD player and the monitor. If this occurs, try changing the the video system format to choose from NTSC, PAL or AUTO-SELECT.

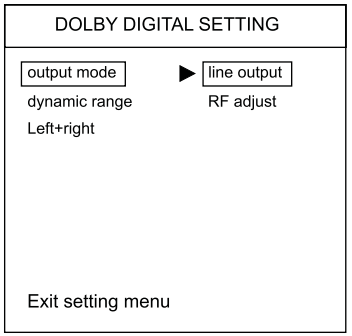
If you actually know the format required, it is better set it to that format instead of using the AUTO-SELECT function to determine it for you. When AUTO-SELECT is chosen, the unit will scan the system each time you play a video disc, which causes a small delay and some flickering of the screen.

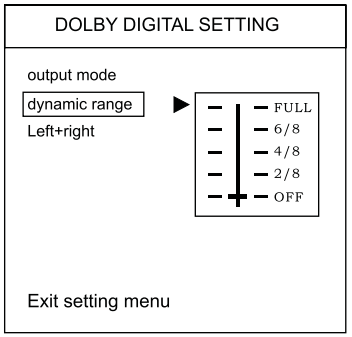
6. SLOW PLAYBACK

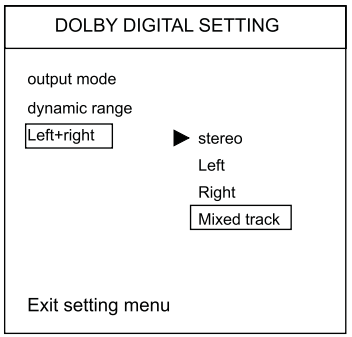
Press the SLOW button on remote control for slow playback. The playback speeds are as follows:

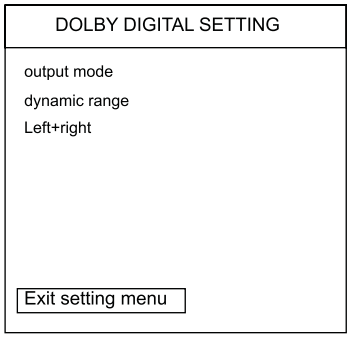


Note: this function can only be accessed by the remote control.





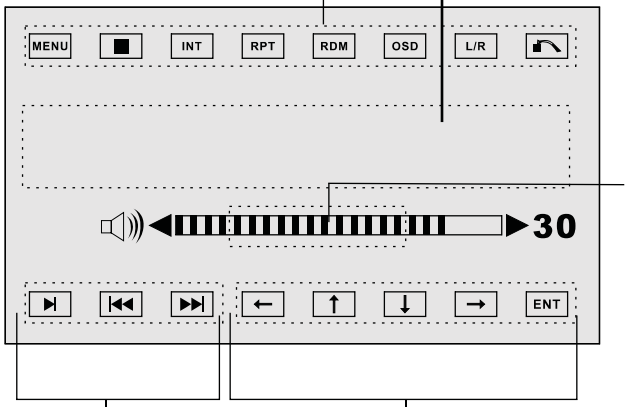




DISC TOUCH SCREEN OPERATION

Touching these buttons turns on or off the mode shown on the button area. When activated, the button changes to a yellow color.

During disc playback, press the center area of the screen shown inside the dotted line to make this menu visible.



Press the center area of this scale to select the following audio adjustment settings menus: VOLUME > BASS > TREBLE > BALANCE > FADER

Touch these three buttons to choose from the following:

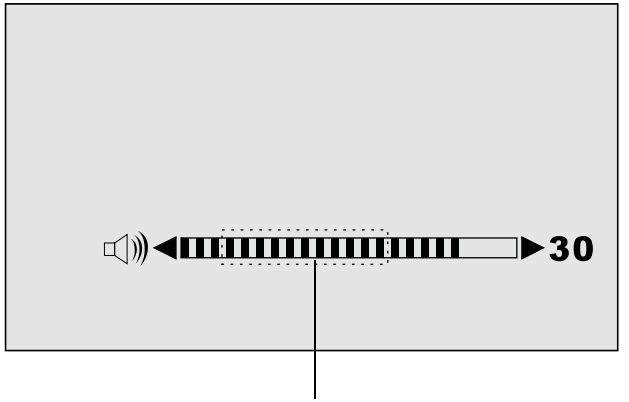
⏯ PLAY/PAUSE

⏮ PREV/FAST REV: Press briefly to skip back one track. Press and hold to play in fast reverse mode.

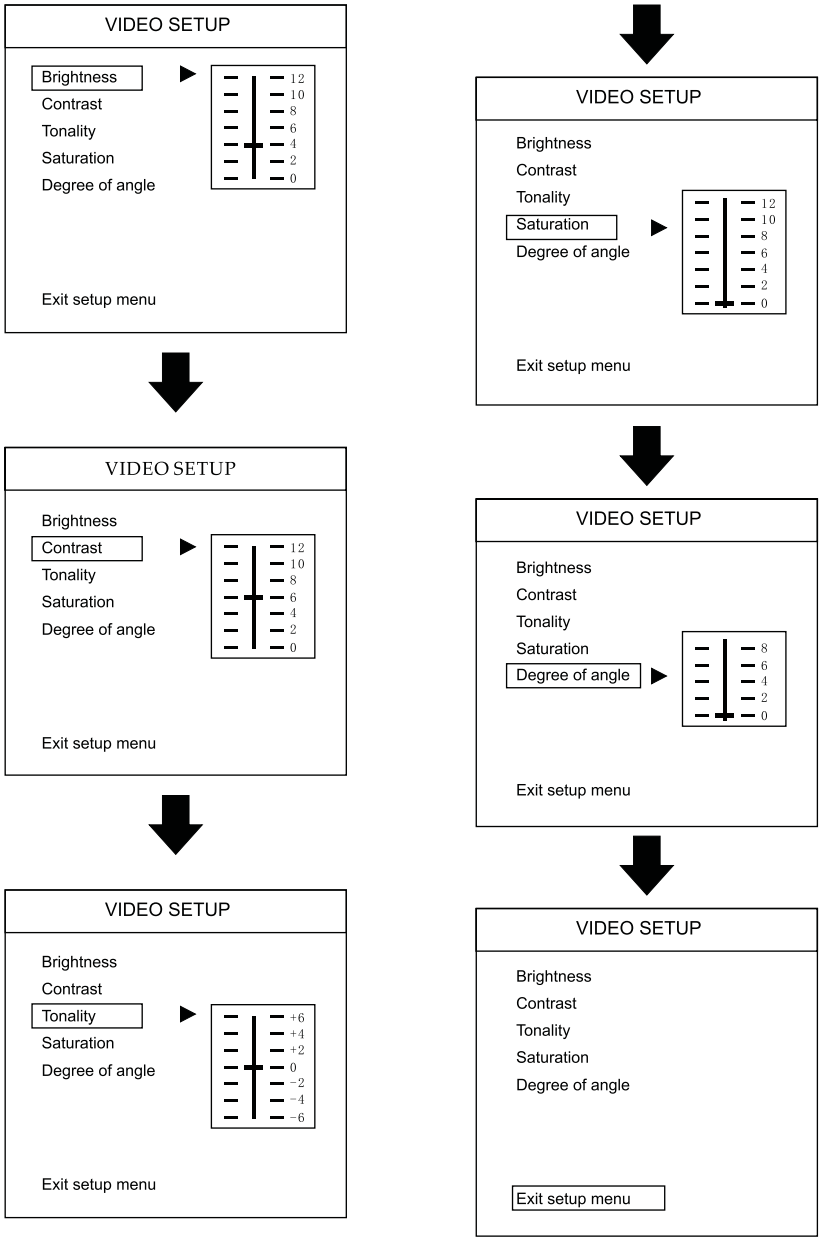
⏭ NEXT/FAST FWD: Press breiifly to skip ahead one track. Press and hold to play in fast forward mode.

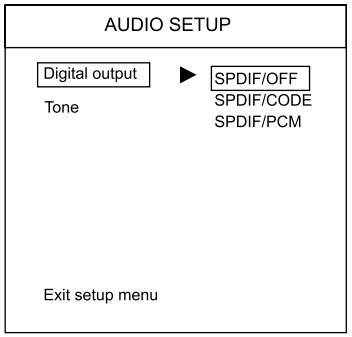
In DVD mode, use the arrow buttons to navigate the various menus, then press ENTER to confirm. The selected function will change to yellow as confirmation.

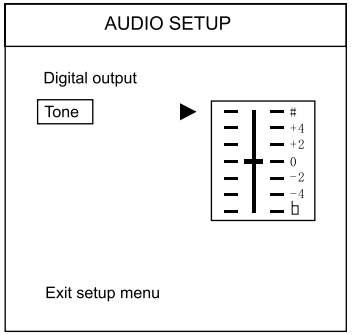
AUX MODE TOUCH SCREEN OPERATION

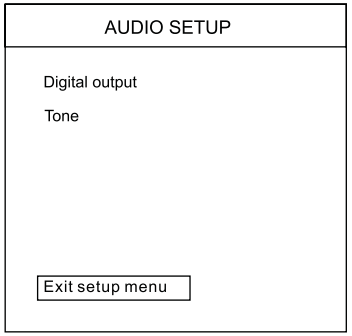


Playback of audio which comes into the player via the front panel AUX IN jack has limited settings available for adjustment. Press the center area of this scale to select the following audio adjustment settings menus:
VOLUME > BASS > TREBLE > BALANCE > FADER









Note: When tables at left appear, press ► button and ▲ button to choose your desired item. Then press the ENTER button to store settings. Press SETUP button again to exit.

RADIO OPERATION

1. BAND SELECTION

In Radio mode, press the BAND button (on front panel, remote control or Touchscreen) briefly to cycle through the radio bands:

FM1 > FM2 > FM3 > AM1 > AM2

2. MANUAL TUNING

To increase the tuner frequency in single steps, press the SEEK + button (on the front panel or remote control) or the >I button (on the touchscreen). Use the SEEK - button (on the front panel or remote control) or the I< button (on the touchscreen) to decrease the frequency.

3. SEARCHING FOR STATIONS

Press the SEEK + (on the front panel or on the remote) or the >I button (on the touchscreen) a little longer, and it will automatically move up the radio band and stop at the next strong station. Press SEEK -to scan in the down direction.

4. AMS STATION SCANNING AND PRESET SETUP

The AMS function is very useful when you first get your unit. Pressing this button will begin an auto-scan and preset setup function that automatically assigns the strongest stations to radio preset buttons.

This unit has three FM bands (FM1, FM2 and FM3) and two AM bands (AM1 and AM2). Each band has six opportunities for presets. The auto-scan function will begin at the low end of the radio dial and "fill" the presets, beginning with the FM1 band.

Please note: AMS is generally used to set up stations when you first use the radio. If you press this button after you have made your own personal presets, these will be lost and replaced by those identified by the AMS auto-scan function.

5. MONO/STEREO MODE SELECTOR

In Radio mode, press the ST/PROG button (on the remote control) the ⚭ symbol on the screen to toggle between STEREO and MONO FM reception modes. Most FM stations are broadcast in stereo. But if you find the reception of an FM stereo broadcast to be weak, often switching to MONO mode will improve overall sound quality.

6. STORING RADIO PRESETS

In Radio mode, to store a Radio preset, tune manually to a desired station and then press and hold thepreset button (on the remote control) or area (on the touchscreen) until you hear a beep.

DVD PLAYBACK BASIC OPERATIONS

When you insert a DVD into the player, playback will begin automatically. If a disc is currently in the slot but you have been using a different mode, press the front panel MODE switch until DISK LOADING (Disc Playback) mode is shown on the display to initiate playback.

1. PLAY/PAUSE

In playback mode,press ⏯ button on the remote control,or the ⏯ touch button on the display to pause,Press it again to back to normal play.

2. STOP

In playing mode,1)press the ■/› button on the remote control, or the ■ touch button on the display to enter the Pause mode, Press the ⏯ button on the remote control or the ⏯ touch button on the display to resume playing where you last stopped.

2) Press ■/› button on the remote control or the ■ touch button on the display twice to enter into stop mode, Press ⏯ button on the remote control or the ⏯ touch button on the screen to play from the first song.

3. SEEK+/FAST FWD

Press the and hold the SEEK + button (on the remote control) or the ⏭ button on the screen to play in fast forward mode.
The SEEK -/FAST REV button works in a similar manner in the opposite direction.

4. PREVIOUS/NEXT TRACK

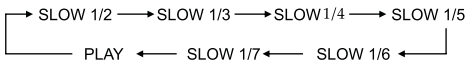
Press briefly the SEEK + button (on the remote control) or the ⏭ button on the screen to skip back one track. Use SEEK - to skip to previous track.

5. VIDEO SYSTEM FORMAT

During playback, if you experience distorted or black and white video images, there may be a mismatch between the disc, DVD player and the monitor. If this occurs, try changing the the video system format to choose from NTSC, PAL or AUTO-SELECT.
If you actually know the format required, it is better set it to that format instead of using the AUTO¬SELECT function to determine it for you. When AUTO-SELECT is chosen, the unit will scan the system each time you play a video disc, which causes a small delay and some flickering of the screen.

6. SLOW PLAY

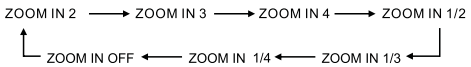
Press SLOW button on remote control to reduce playback speed,the available speeds are as follows:

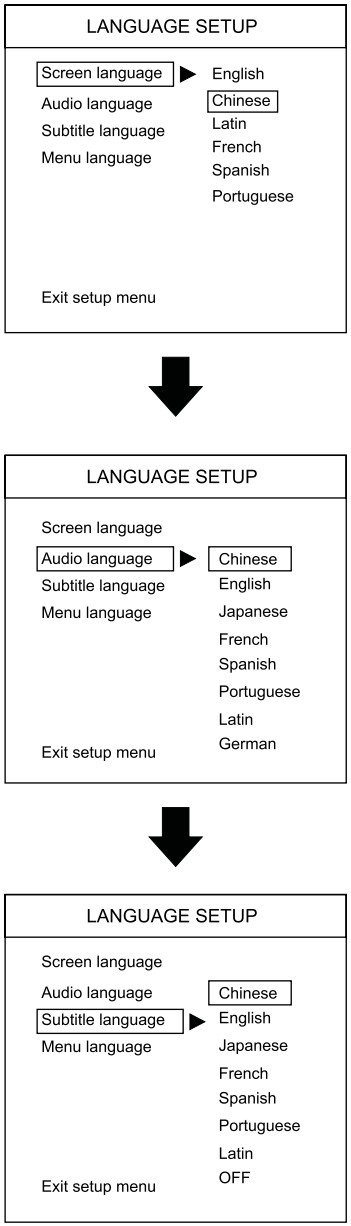


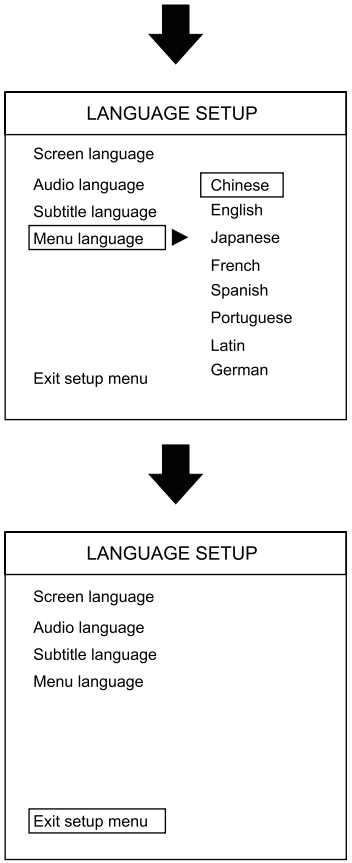
Note:this function can only be worked by the remote control.

7. ZOOM IN/ZOOM OUT

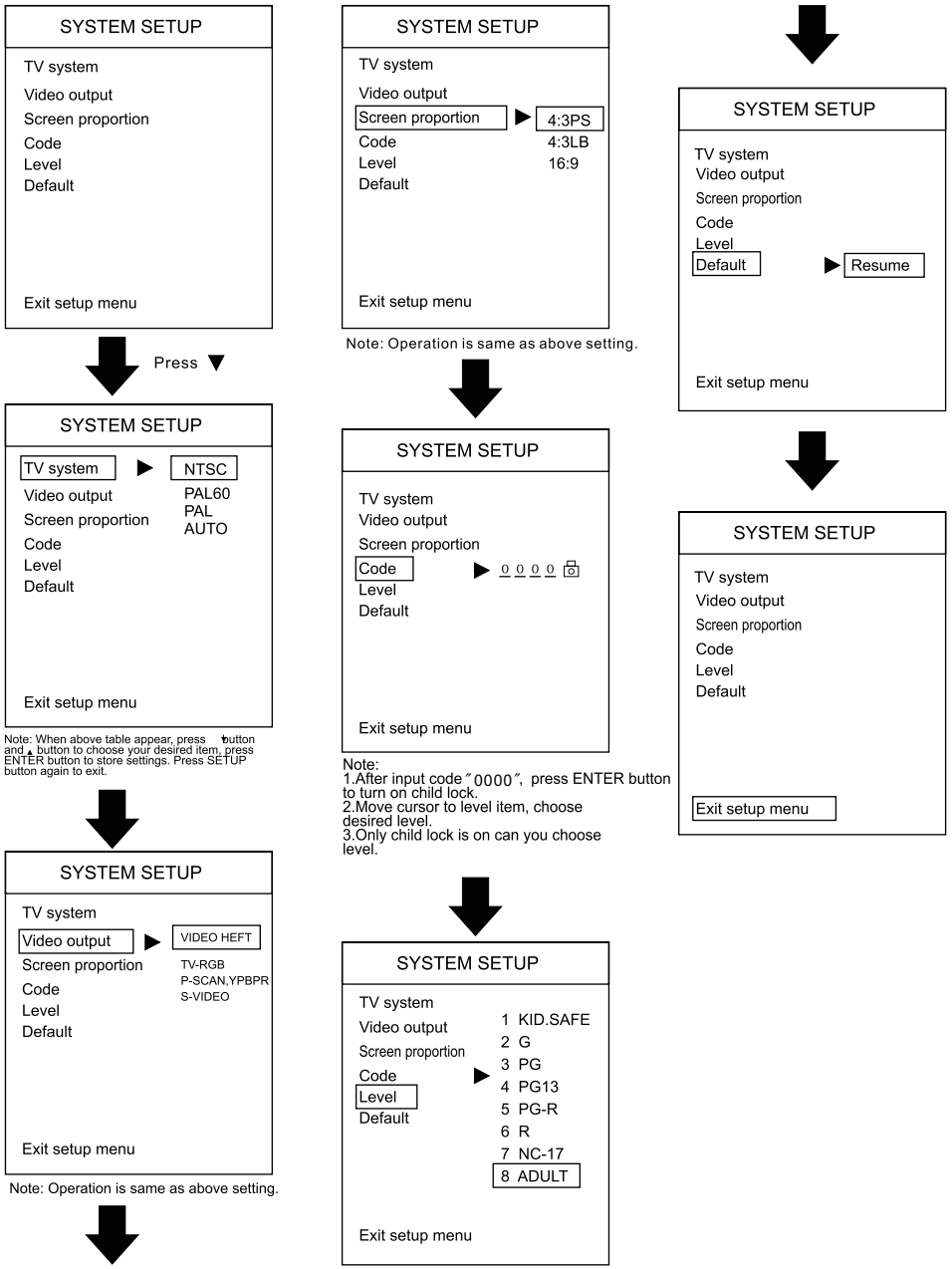
Some discs allow zooming into the image,Press ZOOM button on remote control to zoom in /zoom out the picture,The levels are as follows:







Note: When the above tables at left appear, press ► button and ▲ button to choose your desired item. Then press the ENTER button to store settings. Press SETUP button again to exit.



Note:
1. This function can only be accessed from remote control.
2. Image which is zoomed in can be moved by using the up/down/left/right arrow buttons.

8. OSD

In playing mode, press the OSD touch button on the display briefly to show all information of preset disc.

9. REPEAT PLAY

In playback mode, press the AMS/RPT button on the remote, or the RPT button on the touchscreen to set the current song or track to repeat according to your choice of mode:

REPEAT CHAPTER > REPEAT SECTION > REPEAT OFF.

10. ANGLE MARK FEATURE

Some discs are produced with the "angle mark" features which offers the viewer the opportunity to view a scene from an alternate angle. When there is an alternate angle available, the program displays an"angle mark" indicating that you can make this selection. Press the ANGLE button to cycle through the available angles.

Please note the following:

1. This feature must be controlled from the remote control.
2. The disc you are viewing must support the Angle Mark feature. There is usually a camera symbol on the cover of the disc advising you of this feature.
3. Viewing changes are not permitted during slow playback.

11. MULTIPLE LANGUAGE SOUNDTRACKS

Some discs offer more than one language for the dialogue of a movie or program. If a disc is recorded in this manner, you can press the AUDIO button repeatedly on the remote control to cycle between the various languages available.

Please note the following:

1. This feature must be controlled from the remote control.
2. The disc you are viewing must support the Multi-Language feature. There is usually a symbol on the cover of the disc advising you of this feature.

12. MULTIPLE LANGUAGE SUBTITLES

Some discs offer more than one language for the subtitles of a movie or program. If a disc is recorded inthis manner, you can press the SUBTITLE button on the remote control to repeatedly to cycle between the various languages available.

Please note the following:

1. This feature must be controlled from the remote control.
2. The disc you are viewing must support the Subtitle feature. There is usually a symbol on the cover of the disc advising you of this feature.

13. TITLE SELECT

In DVD mode, press TITLE button to return to the title menu. The display will show all the titles of the disc. You can select the chapter you want using the cursor, then play button to play the chapter.

Please note:This feature must be controlled from the remote control.

14. MENU SELECT

During playback, press the PBC button on the remote control, or the MENU button on the touchscreen to return to the menu. The display will show the chapter and section of the disc. Use the UP or DOWN arrow to make a track selection. Press the OPEN/ENTER button to begin playback.

15. PROGRAM PLAY

In DVD mode, you can set the sequence of playing of tracks or chapters by using the program function. The operation is as follows:

PROG			
T G	T G	T G	T G
1 01:03	5 __:__	9 __:__	13 __:__
2 01:06	6 __:__	10 __:__	14 __:__
3 __:__	7 __:__	11 __:__	15 __:__
4 __:__	8 __:__	12 __:__	16 __:__
	PLAY	PROG	

Input the songs which you want to programmed using the number buttons on remote control.

For example: To program the first song, input your desired song, (for example, the fourth song), and press number button 4 on the remote control. To program the second song, press ▼ button move the cursor to 2_ _ _. input your desired song,(for example, the eighth song) ,press number button 8 on the remote control. Press ►II button toprogram play.

To return to the normal mode, press the ST/PROG button, then press ►II button.
Note: This function can only be worked by the remote control.

16. DIGITAL PHOTO ALBUM

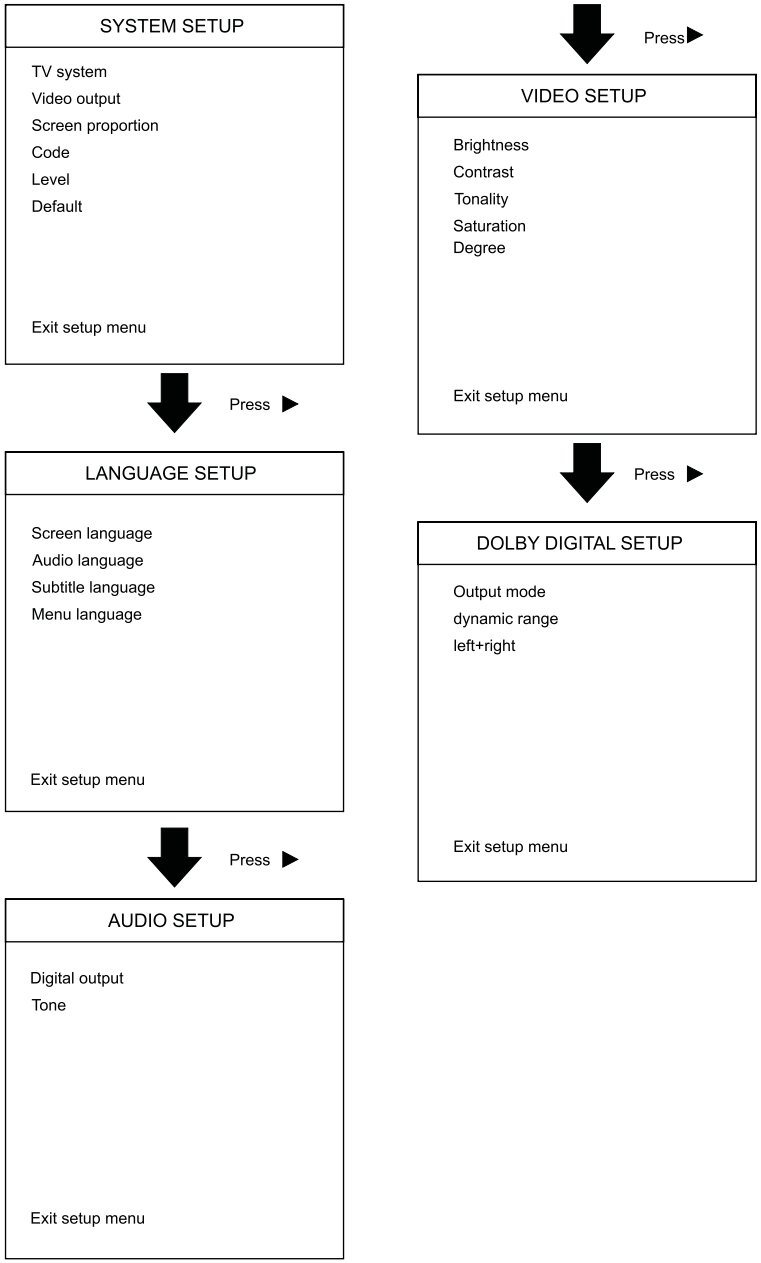
For a disc which contains JPEG photos, open the Picture menu by pressing the button on the remote control to create an automatic slide show.
To browse manually, press the ENTER button and use the SEEK + and SEEK - buttons to search.

To zoom into an image while browsing manually, press the ZOOM button. To zoom during an automatic slide show, press the ►II button to pause the show. then you can press ZOOM.

When you are zoomed in, you can use the arrow keys to move around the picture.
Please note: Moving around the image is not permitted in normal or Zoom Out mode.

17. SET UP

Press the SET UP button and the display will show the system set up menu and the submenu. Select the item you want by ◄▲▼►. After selecting the proper item,press ▲ / ▼ / ◄ / ► to press ENTER to confirm.

Please note:

1. *The SETUP functions described can only be accessed via the touchscreen display.*
2. *SETUP functions can vary from disc to disc.*
3. *If you select a language for audio or subtitles which is not available, the playback will be in the disc's default language.*