



INSTRUCTION MANUAL
DVD Micro System

SX-4659DSD



DEAR CUSTOMER

In order to achieve the best performance of your product, please read this instruction manual carefully before using, and keep it for future reference.

If you need extra support, please write to info@premiermundo.com

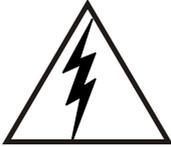


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	<p>CAUTION</p> <p>RISK OF ELECTRIC SHOCK, DO NOT OPEN</p>	
<p>Caution: To reduce the risk of electric shock do not open this device, there are not serviceable parts for customers. Please refer any maintenance or repair to qualified personnel.</p>		
	<p>This sign means the existence of dangerous voltage at the inside of the unit, which states a risk of electric shock.</p>	
	<p>This sign means that there are important instructions of operation and handling in the manual that comes with this device.</p>	

PREMIER CUSTOMER SERVICE

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NOTE

This unit may be submitted to changes in specifications, characteristics and/or operation without prior notice to the user, in order to continue improving and developing its technology.

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Features

Thanks for your purchase of our product. Please read through this manual before making connections and operating this product. Retain this manual for future reference.

DVD player is a domestic video player of new generation which produces high quality pictures and Hi-Fi audio effect. Its performance is much better than that of any previous home video equipment. As the best signal source, it will give you the uppermost enjoyment!

- **Built-in MPEG, LPCM, PCM etc. digital audio decoder.**
- Hi-fi, 96kHz/24bit audio digital processor.
- Software intelligent upgrade.
- High-resolution component video output, support the future video equipment.
- Coaxial digital audio output.
- Compatible with DVD, DVD-R, DVD+R, DVD-RW, DVD+RW, VCD, DVCD, CD, CD-R, MP3, MPEG4, KODAK PICTURE CD, etc.
- With USB slot and memory card slot
- High integrated servo system, decoding on single-chip technology, high reliability and stability, and super error-correction.
- Full function remote control.
- AM/FM stereo radio tuner.
- High quality amplifier.
- CD ripping function.

For your Attention

IMPORTANT NOTES:

- Please read through this manual before making connections and operating this product. Retain this manual for future reference.
- Don't open the cabinet of this unit. No user-serviceable parts inside. Refer servicing to qualified personnel only.
- Switch off the unit when you don't use it. Switch off the unit and disconnect it from the AC power supply when it is not being used for a long time. (Plug, as the disconnected device entirely with power source, should keep in easy-to-operation in daily life.)
- Don't install the unit in a place exposed to heating sources or direct sunshine.
- Don't install the unit in a place exposed to moisture or rain.
- The apparatus shall not be exposed to dripping or splashing and any object filled with liquids, such as vases shall not be placed on it.
- Install the unit on a horizontal, flat and firm surface with good ventilation. Never block the vents which will cause malfunction resulted from overheating.
- Use a soft and clean cloth to clean the outside of the unit . Never clean it with chemicals or detergent.
- This book is only a guide for user's operation, not a criterion for configuration.
- Only use attachments/accessories specified by the manufacturer.
- Where the Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.



The lightning flash is intended to alert the user to the presence of dangerous voltage within the product's enclosure, and touching the internal components may result in a risk of electric shock to persons.



The exclamation mark is intended to alert the user to the presence of important operating instructions.



To reduce the risk of electric shock or fire, do not open the cover. Refer servicing to qualified service personnel.



This mark indicates this unit belongs to class 1 laser product. The laser beam may produce radiation harm if in direct contact with the human body.

Accessories Package Contents

User manual



Remote control



A/V cable



AM antenna



FM antenna



Batteries

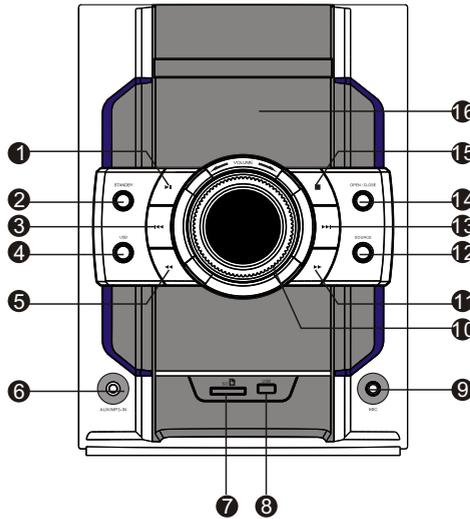


Playable Disc and Media Types:

Disc types	Symbol	Contents
DVD		Audio + Video
Video-CD (VCD)		Audio + Video
CD-DA		Audio
Picture CD		JPEG Photo CD
Kodak Picture CD		Electronic Photo

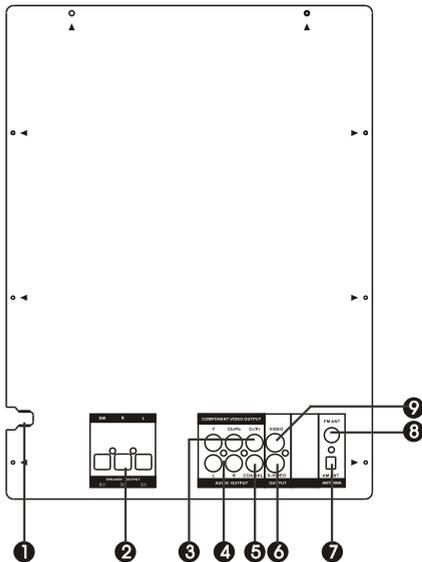
Panel

Front Panel:



- 1 PLAY/PAUSE
- 2 STANDBY
- 3 PREVIOUS
- 4 USB
- 5 FAST REWIND
- 6 AUX/MP3 INPUT
- 7 MEMORY CARD SLOT
- 8 USB SLOT
- 9 MICROPHONE SOCKET
- 10 MASTER VOLUME KNOB
- 11 FAST FORWARD
- 12 SOURCE
- 13 NEXT
- 14 OPEN/CLOSE
- 15 STOP
- 16 DISPLAY SCREEN

Rear Panel



- 1 AC INPUT
- 2 SPEAKER OUTPUT
- 3 COMPONENT VIDEO OUTPUT
- 4 L/R CHANNEL AUDIO OUTPUT
- 5 COAXIAL DIGITAL AUDIO OUTPUT
- 6 S-VIDEO OUTPUT
- 7 AM ANTENNA JACK
- 8 FM ANTENNA JACK
- 9 COMPOSITE VIDEO OUTPUT

Connection

VIDEO SYSTEM CONNECTION

The following video outputs are available for this unit .

Composite Video

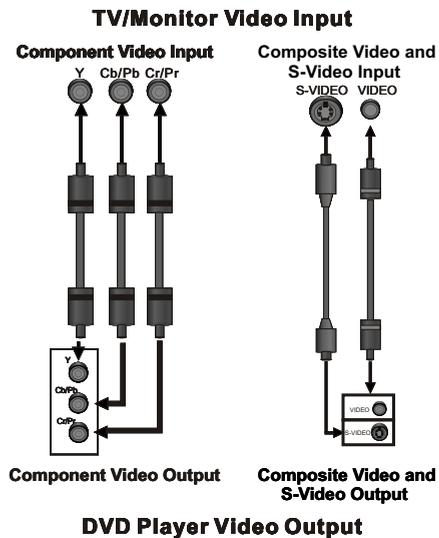
Use the yellow plug of an AV cable to connect the composite video output of this unit to the video input of a TV/monitor.

S-Video

Use an S-Video cable to connect the S-Video output of this unit to the S-video input of a TV/monitor.

Component Video

Use a 3-core AV cable to connect the component outputs of this unit to the corresponding inputs of a TV/monitor.



NOTE:

- Of the video outputs above, component is the best, S-VIDEO is better and the composite video is standard. Use the best available video connection.
- Do not make all the connections above at one time, otherwise the produced pictures will be affected.
- Only when the video settings conform to the actual video system connections does the player produce the corresponding video output. (Please refer to the **Video Setup** in **System Setup**).

Connection

AUDIO SYSTEM CONNECTION

The player has both analogue and digital audio output. The analogue audio is two channel. The digital audio is outputted from the coaxial, and sound quality is much better than the analogue audio.

2ch output

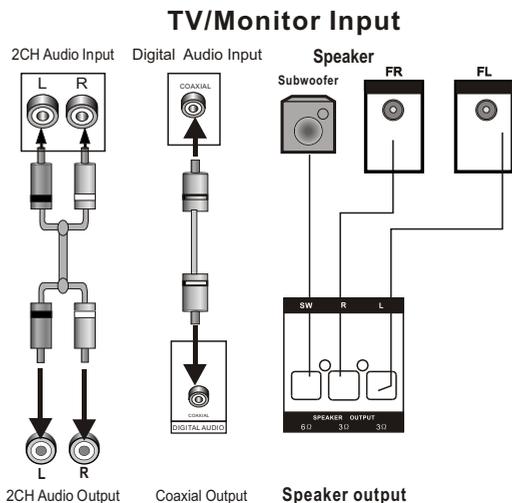
Use a pair of audio cable (red for right/white for left) to connect the audio input of the TV or AV amplifier to the audio output of this unit.

Coaxial Digital Audio

Use the specified coaxial cable to connect the coaxial output of this unit to the coaxial input of power Amplifier

Speaker output

Use speaker cables to connect the speaker output terminals of this unit to the corresponding speakers.



DVD Output

AUX/MP3 IN

This unit has a group of extra audio input terminals, i.e. AUX/MP3 IN. You can input the analogue stereo audio signals from extra devices such as VCD, CD, VCR, MP3 player, etc through the extra audio input terminals.

After the connections have been correctly made, press [SOURCE]/[SOURCE SELECT] to switch to AUX/MP3 IN to enjoy the audio from the connected extra device.

NOTE: The audio settings should conform to the practical audio system connections. Please refer to the **Audio Setup** in **System Setup**.

System Setup

MENU OPERATION

1. In DVD mode, press [SETUP] on the remote control to display the setup menu.
2. Press [←]/[→] to select an item. The submenu of the selected item will be displayed below instantly.
3. Press [↑]/[↓] to select an item you desire to set in the submenu, then press [ENTER] / [→] to enter. Use [↑]/[↓] to select an option, then press [ENTER] to confirm it, or press [←] to cancel.
4. Then you can press [↑]/[↓] to continue to set other items in the submenu.
5. Press [←] to go back to the superior menu of the current one.
6. Press [SETUP] again to exit the setup menu.

1 GENERAL SETUP PAGE

1.1 TV DISPLAY

If the unit is connected to a conventional TV set, select **4:3 PANSKAN** or **4:3 LETTERBOX**. The 4:3 image will be displayed in full screen in its native aspect ratio.

4:3 PANSKAN: The wide-screen image will be displayed on the screen in its native aspect ratio with some part on the left and right cut off.

4:3 LETTER BOX: The wide-screen image will be displayed in its native aspect ratio with black bands on the upper and lower sections of the screen.

If the unit is connected to a wide-screen TV set, select **16:9** or **WIDE SQUEEZE**.

16:9: The wide-screen image will be displayed in full screen in its native aspect ratio while the 4:3 image will be stretched out horizontally to fit in the screen.

WIDE SQUEEZE: The wide-screen image will be displayed in full screen in its native aspect ratio and so does the 4:3 image but with black borders on the left and the right side.

1.2 ANGLE MARK

Set this item to **ON**. When a disc encoded with multiple camera angles is playing, the angle mark will display on the screen. Then you can view the video of different camera angles by pressing [ANGLE] on the remote control.

Set this item to **OFF** to disable this function.

NOTE: This function only works with those discs encoded with multiple camera angles.

1.3 OSD LANGUAGE (On-Screen Display Language)

Set the on-screen display language in this item.

1.4 CLOSED CAPTIONS

Set this item to **ON**. When a disc encoded with closed captions, the closed captions will be shown on the screen. Set this item to **OFF** to hide it.

You can also press [SUBTITLE] on the remote control to show or hide the closed captions.

NOTE: This function only works with those discs encoded with closed captions.

1.5 SCREEN SAVER

ON: If the image remains motionless on the screen, for example the disc is paused, stopped etc, for several minutes, a screen saver will appear on the screen. You can press any key or button except [STANDBY] to wake it up.

OFF: Disable the screen saver function.

System Setup

1.6 LAST MEMORY

ON: During playback or in the paused status each time you open the disc tray or turn off the player, the unit will memorize the last playback time. Next time when you insert the same disc and close the disc tray to load the disc, the unit will play from the memorized point.

OFF: Disable the last memory function.

2 AUDIO SETUP PAGE

2.1 ANALOG AUDIO SETUP

2.1.1 DOWNMIX

LT/RT: The 5.1-channel audio is mixed into left channel and right channel and is output via the FL and FR speaker respectively.

STEREO: The 5.1-channel audio is mixed into stereo signal and is output via the FL and FR speaker.

NOTE: This function only applies to the **AC -3 encoded 5.1-channel discs**.

2.2. DIGITAL AUDIO SETUP

2.2.1 DIGITAL OUTPUT

SPDIF/OFF: There will be no digital audio signal output. (Coaxial off)

SPDIF/RAW: The digital audio signal output will be in its raw format. Normally, this mode is used for **Digital 5.1 signals**.

SPDIF/PCM: The digital audio signal output will be in PCM format. Normally, this mode is used for audio CD signals.

2.2.2 LPCM OUTPUT

When **DIGITAL OUTPUT** is set to **SPDIF/PCM**, this item is available.

Select a sample rating for the digital audio output. There are two options, 48KHz and 96KHz.

NOTE: Some amplifiers don't support 96KHz sampling which will affect the coaxial output.

2.3 HDCD (High Definition Compatible digital)

HDCD (High Definition Compatible digital) is a patented encode/decode process for delivering the full richness and details of the sound from HDCD-encoded CDs.

You can set the digital filter to **2x**, **1x** or **off**.

2.4 KARAOKE SETUP

2.4.1 MIC SETUP

2.4.1.1 MIC

Set this item to **ON/OFF** to switch on/off the connected microphone.

2.4.1.2 MIC VOL

Enter this item, then use direction key [↑]/[↓] to adjust the microphone volume. Then press [ENTER] to confirm your adjustment.

2.4.1.3 ECHO LEVEL

Enter this item, then use direction key [↑]/[↓] to adjust the microphone echo level. Then press [ENTER] to confirm your adjustment.

System Setup

3 DIGITAL DECORDER SETUP

3.1 DUAL MONO

STEREO: The player outputs the left-channel audio and right-channel audio via the FL and FR speaker respectively.

L-MONO: The player outputs the left-channel audio only via both the FL and FR speaker.

R- MONO: The player outputs the right-channel audio only via both the FL and FR speaker.

MIX- MONO: The player outputs the average signal of the left-channel and right-channel audio via the FL speaker and the FR speaker.

NOTE: This function only applies to the **ENCODER AC -3** encoded 2-channel discs.

3.2 DYNAMIC

When you watch films with large dynamic scope in low volume, for example at night, you can adjust the dynamic value up to avoid losing sound details resulting from the low volume.

4 VIDEO SETUP PAGE

4.1 VIDEO OUTPUT

CVBS: Set video output to S-Video if the S-Video connection is made.

YUV: Set video output in analog component video format if the component video outputs are used.

Y Pb Pr: Set video output as progressive YUV signals if the component video outputs are used.

NOTE: ● If the composite video is your favorite, just make composite video connection only. The composite video output is always active whichever option you choose in this setting entry.

● If the video setting differs from the actual video connection (except composite video), you may get no image or very poor image on the TV. In such case, you need to reset this setting item for an appropriate video output mode or press [V-MODE] on the remote control until the output image becomes normal.

4.2 COLOR SETTING

4.2.1 SHARPNESS

There are three options (**HIGH**, **MEDIUM** and **LOW**) for you to choose in this item.

4.2.2 BRIGHTNESS, CONTRAST, HUE and TINT

Enter these items respectively, use direction key [←]/[→] to adjust the value, then press [ENTER] to confirm it.

5 PREFERENCE PAGE

If there's no disc in the disc tray, the disc tray is open or the disc in the disc tray is stopped, this item is available.

System Setup

5.1 TV TYPE

This product supports both NTSC (National Television System Committee) and PAL (Phase Alternating Line) television broadcasting standards.

PAL: If the connected TV is PAL system which is used in China, Hongkong and Europe, etc, select this mode. The video signal of a NTSC disc will be output in PAL format.

AUTO: If the connected TV is multi system, select this mode. The output format of the video signal will be in accordance with the video signal of the disc.

NTSC: If the connected TV is NTSC system which is used in Taiwan, America and Canada, etc, select this mode. The video signal of a PAL disc will be output in NTSC format.

NOTE: If a wrong selection is made, the viewing image will be very poor. In such case, you are supposed to change the option in this item to fix the error.

5.2 PBC (Play Back Control)

ON: Activate the PBC function. When playing a disc encoded with PBC function such as VCD 2.0 etc, press [PBC] to return to the PBC menu.

OFF: Disable the PBC function.

NOTE: This function only works with those discs encoded with PBC function such as VCD 2.0 etc.

DVD, VCD1.1, CD-DA and M P3 disc have no PBC menu.

5.3 AUDIO, SUBTITLE and DISC MENU

Select a preferred audio language, subtitle language and disc menu language in these items.

You can also make selection of the audio language by using the [AUDIO] and the subtitle language by the [SUBTITLE] on the remote control.

NOTE: If the selected language is not available for the currently playing disc, the disc's default setting will remain enabled

5.4 PARENTAL

This item allows the user to set a maximum rating of the movies that can be viewed.

Movies rated higher than the level set for the parental lock cannot be viewed. What's more, to key in the correct password is needed to reset the level. The default password is 0000.

NOTE: This function only works with those discs with parental function.

5.5 PASSWORD SETUP PAGE

5.5.1 PASSWORD MODE

You can switch on/off the password function in this item.

NOTE: You must key in the correct password and press [ENTER] to confirm before you change the option in this item. The default password is 0000.

5.5.2 PASSWORD

You can reset the password in this item.

NOTE: The default password (0000) is always active even if the password has been reset.

5.6 DEFAULT

Restore all the default settings except the settings in **PASSWORD MODE** and **PARENTAL** item.

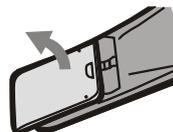
Remote Control

Remote Control Operation

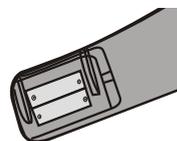
Insert the batteries into the remote control. Point the remote control at the remote sensor on the front panel. The remote control works within a distance of about 8 metres from the sensor and within an angle of about 30 degrees from the left and right side.

Battery Installation

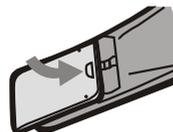
Remove the battery compartment cover on the back of the remote control.



Load two AAA/1.5V batteries into the battery compartment making sure that the batteries have been inserted with the correct polarities matching the symbols +, - as indicated inside the battery compartment.



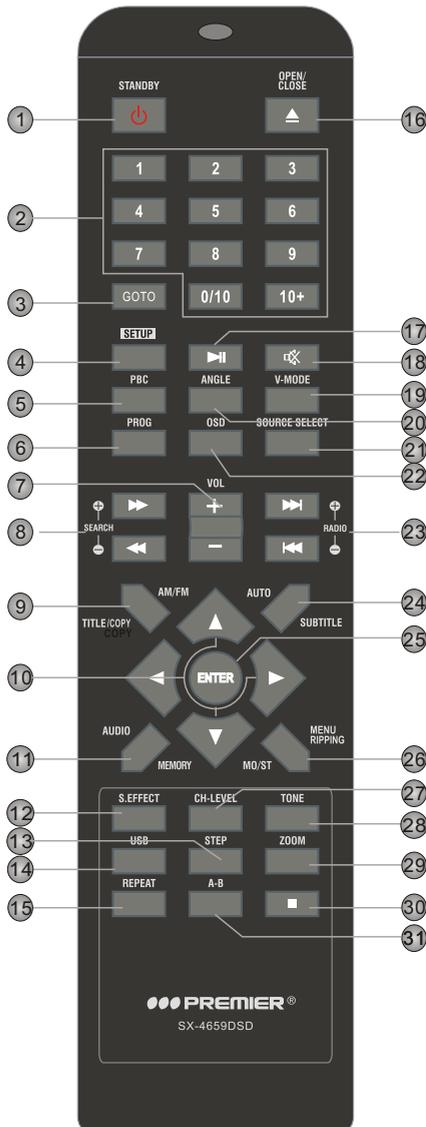
Replace the cover.



Note:

- Remove the batteries when you do not intend to use the remote control for a long time.
- Do not mix new and used batteries, or different types of batteries.
- Weak batteries can leak and severely damage the remote control.
- Be environmentally friendly and dispose of batteries according to your government regulations.

Remote Control



1. STANDBY
2. DIGIT KEYS
3. GOTO
4. SETUP
5. PBC
6. PROGRAM
7. VOLUME+/-
8. FAST FORWARD/REWIND
SEARCH+/-
9. TITLE/COPY/AM/FM
10. DIRECTION KEYS
(← → ↑ ↓)
11. AUDIO/MEMORY
12. SOUND EFFECT
13. STEP
14. USB
15. REPEAT
16. OPEN/CLOSE
17. PLAY/ PAUSE
18. MUTE
19. V-MODE
20. ANGLE
21. SOURCE SELECT
22. OSD
23. NEXT/PREVIOUS
RADIO+/-
24. AUTO/SUBTITLE
25. ENTER
26. MENU/ MO/ST/RIPPING
27. CH-LEVEL
28. TONE
29. ZOOM
30. STOP
31. A-B REPEAT

Remote Control Function

STANDBY: Switch on the unit. /Put the unit in standby mode.

Note: Being in the standby mode uses a minimal amount of electricity, but ensures that the components of the unit operate at maximum efficiency from the moment you start.

SOURCE/SOURCE SELECT: Press repeatedly to select a signal source among DVD, TUNER (AM/FM) and AUX/MP3 IN.

USB: Press to switch to the available extra signal source USB and memory card, or to return to the DVD mode.

OPEN/CLOSE: Press to open/close the disc tray.


 The digit keys can be used to input the corresponding numbers or make selection of a track or a chapter of a disc, etc.

ENTER: Press to enter an item in the menu or to confirm your operation etc.



The direction keys can be used to move the highlight or adjust the value of an item in the menu.

SETUP: Press to enter/exit the setup menu.

GOTO: During playback, press to enter the GOTO menu. In the menu, use the direction key [UP]/[DOWN] to select a setting item and press [ENTER] to enter the editing state, then with the digit keys input a specific track, disc time, track time, chapter, title, chapter time or title time to go to directly. Press it again to exit the GOTO menu.

PROGRAM: Press this button to enter/exit the program menu with which you can playback the contents of a disc in your desired order.

In the program menu, use the direction keys, digit keys and [ENTER] to make a program list, then move the highlight to **START** and press [ENTER] to start program playback. During program playback, press this button to enter the program menu and the **STOP** is highlighted, press [ENTER] to cancel program playback.

- ▶| Press to temporarily pause a playback. Press it again to resume the playback. Or, press to resume the normal playback from the fast forward, fast reverse, frame-by-frame playback, etc.
- Press once to pause a playback, then press [▶|] to continue the playback; Press it twice to stop a playback and the disc will be reset to the starting point.
- ▶▶ Press repeatedly for fast forward playback in different speeds.
- ◀◀ Press repeatedly for fast reverse playback in different speeds.
- ◀◀ Press to skip to the previous chapter/track.
- ▶▶ Press to skip to the next chapter/track.

Remote Control Function

STEP: Press repeatedly to advance the video frame by frame. Press [▶] to resume the normal playback. (Applies to DVD, VCD, MPEG4 discs etc)



Press to temporarily switch off the sound. Press it again to switch it on.

VOLUME +/-: Press [VOLUME +/-] to adjust the volume.

REPEAT: Press repeatedly to switch the repeat modes.
(Note: For VCD 2.0, etc, this function is invalid when PBC function is activated.)

A-B: You can repeat a specific section of a disc with this button.
When a disc (DVD, VCD, CD, MP3 or MPEG4) is currently playing, press this button to mark down the starting point (A) and press it again to mark down the ending point (B). Then, the unit will playback this section over and over again. Press it for the third time to cancel A-B repeat and resume to the normal playback.
Note: Points A and B must be in the same title/ track.

CH-LEVEL: Press to select a channel or the overall volume, then use [VOLUME+]/[VOLUME-] to adjust the volume of the selected channel or the overall volume.

S.EFFECT: Press repeatedly to switch the sound effects or switch off the sound effect.
Note: You are recommended to switch off the sound effect when playing a **ENCODER 5.1** channel disc so that to obtain the real 5.1 effect.

STONE: Press to select BASS or TREBLE, then use [VOLUME +/-] to adjust the value of bass or treble.

TITLE: Press to enter the title menu of the playing DVD disc.

MENU: Press to access the root menu of the disc.

PBC: When a PBC encoded disc is currently playing, press to activate/ disable the PBC (Play Back Control) function. (Note: VCD 2.0, etc. have PBC function while DVD, VCD 1.1, CD-DA and MP3 disc have no PBC function.)

SUBTITLE: Press repeatedly to switch the subtitles or switch off the subtitle function.
(Note: This function only works with those discs encoded with subtitles.)

OSD: Press repeatedly to switch or hide the relative information of the playing disc.

AUDIO: Press repeatedly to select the audio languages provided by the disc (for DVD). Press repeatedly to switch the audio channels (LEFT MONO, RIGHT MONO, MIX-MONO and STEREO) provided by the disc (for VCD).

ANGLE: Press to switch the viewing angles.
(Note: This function only works with those discs encoded with multiple camera angles.)

Remote Control Function

V-MODE: Press repeatedly to switch the video output modes.

ZOOM: Press to zoom in/out the scene. In zoomed-in mode, the direction keys can be used to move the zooming center. (Note: Applies to DVD, VCD, MPEG4, etc.)

RIPPING: Press to access or quit the CD ripping menu. For details of CD ripping, please refer to CD RIPPING in PLAYBACK chapter.

COPY: Press to copy from a multi-format disc to USB, for details, please refer to USB DRIVE PLAYBACK in Basic Playback chapter.

Tuner Operation

The following buttons are used in tuner mode. Press [SOURCE]/[SOURCE SELECT] to select tuner mode.

AM/FM: Press to switch between the AM mode and the FM mode.

MO/ST: Press to switch between Mono and Stereo reception of the broadcast signal in FM mode.

MEMORY: After tuning in a new frequency, press [MEMORY], then select a preferred station by inputting the corresponding numbers to save it as a preset station.

AUTO: Press to do auto scanning for the broadcasting radio channels.

■ During auto scanning, press to stop the process.

 In tuner mode, the digit keys can be used to select a preset station. For example, press [0] and [2] to select the 2nd station; press [1] and [5] to select the 15th station.

SEARCH+/-: Press to fine tune (increase/decrease) the frequency manually.

RADIO+/-: Press to skip to the next/previous preset station.

NOTE: In tuner mode, [VOLUME+/-], [CH-LEVEL], [MUTE], [TONE] and [S.EFFECT] buttons are also active. For details, please refer to the remote control function introduction of the DVD part in this chapter.

Basic Playback

KODAK PICTURE CD PLAYBACK

● Place a Kodak picture CD in the disc tray; then the unit will load the disc automatically.

● Press [■] to enter the thumbnail mode to preview the pictures.

In the thumbnail mode, use the direction keys to select a picture, then press [ENTER] to start the playback from the selected picture.

In the thumbnail mode, use the direction keys and [ENTER] to make selection of the **Slide Show, Menu, Prev** or **Next** at the bottom of the screen.

Slide Show: Start slide show playback.

Menu: Enter the instruction menu for remote key function. In the menu, press [ENTER] to turn over to the next menu page and again to exit the instruction menu.

PREV/NEXT: Turn over to the previous/next page.

● Remote key function introduction

[PROG]: Switch the transition effects.

[■]: Enter the thumbnail mode to preview the pictures.

[ZOOM]: During playback, press [ZOOM] repeatedly to zoom in/out the picture. When the picture is zoomed in, the direction keys can be used to move the picture. Press [ZOOM] again to exit the picture-zooming mode.

[▶▶]/[◀◀]: Skip to the next/ previous picture during playback.

[⏸]: Press to pause a playback, press it again to resume the playback.

[←]/[→]: Rotate the picture counterclockwise/ clockwise during the playback.

[↑]/[↓]: Creates a vertical or horizontal mirror image.

MP3/MPEG4 DISC PLAYBACK

Insert an MP3/MPEG4 disc into the player; then a content menu will display on the screen.

MENU OPERATION:

Use the direction key [↑]/[↓] to select a folder or a file, then press [ENTER] to enter the selected folder or play the selected file. You can also use the digit keys to make selection of a folder to enter or a file to play.

In the content menu, press [←] to return to the upper menu; press [◀◀]/[▶▶] to turn over to the previous/next the menu page.

[PROG]: Press repeatedly to switch between FOLDER playback mode and FILELIST playback mode.

[MENU]: During playback of an MPEG4 disc, press to return to the content menu.

NOTE: During playback, [◀◀], [▶▶], [⏸], [■] (press to stop the playback), [REPEAT], [A-B], [VOLUME+/-], [MUTE], [CH-LEVEL], [TONE], etc. are valid. Please refer to the remote control function introduction in this chapter for details.

Basic Playback

USB DRIVE AND MEMORY CARD PLAYBACK

● Insert a USB drive in the USB slot, then press [USB] to enter the connected USB drive and you can playback the readable files in it. Press [USB] again to switch back to DVD mode.

● Insert an SD, MS or MMC card into the memory card slot, then press [USB] to access the connected memory card and you can playback the readable files in it. Press [USB] again to return to DVD mode.

NOTE:

● In case the player breaks down when you insert a USB drive or a memory card into the player, turn off the player, disconnect the power cord from the AC outlet and unplug the USB drive or/and the memory card from the player. Then, power on the player again. The player will resume the normal status.

● For playback operation, please refer to MP3/MPEG4 DISC PLAYBACK in this chapter.

● If a USB drive and a memory card are inserted in the player at the same time, press [USB] once to select USB and press it twice to select the memory card. Press it for the third time to return to the DVD mode.

● Insert a USB and put a multi-format disc in DVD player, press [COPY] button, use direction key [↑]/[↓] then press [ENTER] to select a file, Use direction keys and move the highlight on [COPY] option, press [ENTER] once to enter to [USB] mode and press it again to select [NEXT] option, press it for third time to start copy. Press [USB] to see the files in the USB drive.

● [ALL SELECT] and [ALL UNSELECT] option are used for selector unselect all files in the multi-format disc.

● [EXIT]: move the highlight on it then press [ENTER] or [COPY] to exit the copy menu.

● If a USB drive and a memory card are inserted in the player at the same time, press [USB] once to select USB and press it twice to select the memory card. Press it for the third time to return to the DVD mode. the maximum memory of USB disk 16GB and SD card supported is 8GB.

KARAOKE PLAYBACK

● Set the item **MIC** to **ON** and set the **MIC VOL** to a low level in the karaoke setup menu.

● Insert a microphone into the microphone socket on the front panel.

● Adjust the microphone volume again if required and the echo to your desired level in the karaoke setup menu.

● Place a karaoke disc in the disc tray. Press [AUDIO] to include or eliminate the original singing voice.

Now, you can enjoy the karaoke singing!

Basic Playback

CD RIPPING

CD ripping is a process of copying audio from a CD/HDCD disc and saving the audio content into the compressed digital audio format MP3. With this function, you can copy the tracks of a CD/HDCD disc to the connected USB drive. Place a CD or HDCD disc in the disc tray and insert a USB drive into the player. Press [RIPPING] on the remote control to display the CD Ripping menu. Use the direction keys to navigate the cursor in the menu.

In the **Track** window, all the tracks of the disc and their playback time are listed. Highlight the track that you want to copy to the connected storage device, then press [ENTER] to make selection; highlight it again and press [ENTER] to cancel the selection. Highlight **Select all** and press [ENTER] to select all the tracks in the disc. Highlight **Select none** and press [ENTER] to cancel all the selection of tracks.

CD RIP			
OPTIONS		TRACK	
speed	Normal	✓ track01	04:36
bitrate	128kbps	✓ track02	03:34
Create ID3	Yes	track03	05:01
device	USB	track04	03:26
		track05	04:46
		track06	03:32
		track07	04:00
		track08	03:08
SUMMARY			
selected track	2		
selected time	08:10		
start	exit	select all	select none

In the **Summary** window, you can check the information of the number of the selected tracks and the total playback time of selected tracks.

In the **Options** window, set your desired ripping speed, ripping bitrate, set **Created ID3** to **YES** to do ripping along with the ID3 information if available or **NO** to disable this function. Highlight these setting entries respectively, then press [ENTER] to switch the options.

After you finished setting, move the highlight to **START** and press [ENTER] to begin the ripping procedure.

If you want to cancel, move the highlight to **EXIT**, then press [ENTER] or just press [RIPPING] on the remote control to exit the procedure.

After the CD ripping procedure begins, the system will proceed to the next menu page.

In **Ripping** window, there are a track progress bar and a total progress bar showing how much the ripping procedure for the current track has been done and how much the total task has been finished respectively.

CD RIP		
ripping	Selected	track
track progress	track01	50%
	track02	03:34
total progress		
[CANCEL]		
SUMMARY		
now ripping		
track	01/02	

During ripping, the option **CANCEL** is highlighted, so whenever you want to cancel ripping, just press [ENTER].

The ripped tracks from CD or HDCD discs will be stored in a folder created automatically by the system in the connected USB drive. If the selected track shares the same file name with the existing one in that folder, the system will popup a dialog box to warn you of that. Press [ENTER] to continue and replace the existing one with the selected track. Select option **Cancel** to quit. And you can choose to create another folder in the connected USB drive for ripping this track.

CD RIP		
ripping	Selected	track
track progress	track01	04:36
	track02	03:34
total progress		
SUMMARY		
The file has existed Replace it or not?		
[OK] [CANCEL]		

Create a new folder for ripping

If you want to create another folder in the connected USB drive to save the ripped tracks, you need to open the disc tray and then close it. The tracks ripped afterwards will be saved in a newly created folder.

Troubleshooting

Before resorting to maintenance service, please kindly check by yourself with the following chart.

Symptom	Cause(s)	Remedy
No Power	<ul style="list-style-type: none"> ● The AC power cord is not connected to the power supply or is not connected to a power supply securely. 	<ul style="list-style-type: none"> ● Please check that the AC power cord is connected securely.
Picture There is no picture or the picture is distorted.	<ul style="list-style-type: none"> ● Video input mode of the connected TV isn't correctly set. ● Video output mode of this unit isn't correctly set. 	<ul style="list-style-type: none"> ● Set an appropriate video output mode. Press [V-MODE] repeatedly until the picture becomes normal again. ● Connect the video cable securely.
Sound There is no sound or the sound is distorted.	<ul style="list-style-type: none"> ● The audio cables aren't connected securely. ● The volume is set at the lowest level. ● The sound is switched off. ● The disc is in fast forward/rewind playback. 	<ul style="list-style-type: none"> ● Connect the audio cables securely. ● Turn up the volume. ● Press [MUTE] on the remote control to switch on the sound. ● Press [PLAY/PAUSE].
Unable to play a disc	<ul style="list-style-type: none"> ● This disc is placed in the disc tray in a wrong way. ● The rating of the disc is higher than the rate set in the parental control item. ● The unit isn't compatible with the disc. ● The disc is dirty. 	<ul style="list-style-type: none"> ● Check that the disc is placed in the disc tray with its label side upwards. ● Reset the settings in the parental control item. ● / ● Clean the disc.
The player breaks down when a USB drive or memory card is inserted into the player.	<ul style="list-style-type: none"> ● The connected USB drive or the memory card is probably not of a certified one. 	<ul style="list-style-type: none"> ● The player cannot play any uncertified USB drive and memory card. In case the player breaks down, turn it off, disconnect the power cord from the AC outlet and unplug the USB drive or /and the memory card from the player. Then, power on the player again. The player will resume the normal status.
The buttons on the unit doesn't work.	<ul style="list-style-type: none"> ● The unit is being interfered with static electricity etc. 	<ul style="list-style-type: none"> ● Switch off and unplug the player. Then connect the plug to the power supply and switch it on again.
The remote control does not function.	<ul style="list-style-type: none"> ● There is no battery in the remote control. ● The batteries are out of charge. ● The remote control isn't pointed to the remote sensor. ● The remote control is out of its working area. ● The unit is shut down. 	<ul style="list-style-type: none"> ● Install two AAA/1.5V batteries in it. ● Replace the batteries with new ones. ● Make sure that the remote control is pointed to the remote control sensor. ● Make sure the remote control is within the working area. ● Switch off the unit and disconnect it from the AC outlet. Then power on the unit again.

Specifications

Power supply		AC~100-240V, 50/60Hz
Power consumption		200W
Working environment	Temperature	-10~+40°C
	Relative humidity	5%~90%
Disc output	TV System	PAL/NTSC
	Frequency Range	20Hz~20KHz
	S/N Aweight	> 80dB(1KHz)
	Dynamic Range	≥ 70dB(1KHz)
	THD+NOISE	≤ -60dB(1KHz)
	WOW FLUTTER	Below the limit of apparatus measure
Tuner	AM frequency Range	530~1710KHz
	FM band Range	87.5~108MHz
Power output of speakers		50W x 2+100W
Frequency response		± 1.5dB(20Hz~20KHz)

	<p>COMMON1389J_H080_M0888_c0101010</p> <p>MT1389J Div2 Board v/1 Servo H081 Series Plate</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>1 INDEX & POWER / RESET</p> <p>2 MT1389J LQFP128</p> <p>3 SDRAM & FLASH & MOTOR</p> <p>4 AUDIO OUT</p> <p>5 AUDIO IN</p> <p>6 VIDEO I/F</p> <p>7 MCR & USB & GXYZ I/F</p> </div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
<p>MODEL NO: DM1001</p> <p>DESCRIPTION:</p> <p>SHEET NUMBER: OF</p> <p>SCH REVISION:</p> <p>PCB REVISION:</p> <p>CODE NO:</p> <p>Designed</p> <p>Checked</p> <p>Approved</p> <p>DATED:</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td>Y1</td> <td>Initial Release</td> <td>2008.1.1</td> </tr> <tr> <td>Y2</td> <td>Change component footprint from 0701 to 0801. Change motor driver to on-board.</td> <td>2008.7.26</td> </tr> <tr> <td>Y3</td> <td>Upgrade FW-ID and MP effect.</td> <td>2008.7.26</td> </tr> </table> <p style="text-align: right;">© 2008</p> <p>MT1389J General GPIO List</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>GPIO#</th> <th>Pin</th> <th>FUNCTION</th> </tr> </thead> <tbody> <tr><td>GPIO0</td><td>10</td><td>TRCLK0</td></tr> <tr><td>GPIO1</td><td>18</td><td>TRCLK1</td></tr> <tr><td>GPIO2</td><td>26</td><td>TRCLK2</td></tr> <tr><td>GPIO3</td><td>34</td><td>TRCLK3</td></tr> <tr><td>GPIO4</td><td>42</td><td>TRCLK4</td></tr> <tr><td>GPIO5</td><td>50</td><td>TRCLK5</td></tr> <tr><td>GPIO6</td><td>58</td><td>TRCLK6</td></tr> <tr><td>GPIO7</td><td>66</td><td>TRCLK7</td></tr> <tr><td>GPIO8</td><td>74</td><td>TRCLK8</td></tr> <tr><td>GPIO9</td><td>82</td><td>TRCLK9</td></tr> <tr><td>GPIO10</td><td>90</td><td>TRCLK10</td></tr> <tr><td>GPIO11</td><td>98</td><td>TRCLK11</td></tr> 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Change motor driver to on-board.	2008.7.26	Y3	Upgrade FW-ID and MP effect.	2008.7.26	GPIO#	Pin	FUNCTION	GPIO0	10	TRCLK0	GPIO1	18	TRCLK1	GPIO2	26	TRCLK2	GPIO3	34	TRCLK3	GPIO4	42	TRCLK4	GPIO5	50	TRCLK5	GPIO6	58	TRCLK6	GPIO7	66	TRCLK7	GPIO8	74	TRCLK8	GPIO9	82	TRCLK9	GPIO10	90	TRCLK10	GPIO11	98	TRCLK11	GPIO12	106	TRCLK12	GPIO13	114	TRCLK13	GPIO14	122	TRCLK14	GPIO15	130	TRCLK15	GPIO16	138	TRCLK16	GPIO17	146	TRCLK17	GPIO18	154	TRCLK18	GPIO19	162	TRCLK19	GPIO20	170	TRCLK20	GPIO21	178	TRCLK21	GPIO22	186	TRCLK22	GPIO23	194	TRCLK23	GPIO24	202	TRCLK24	GPIO25	210	TRCLK25	GPIO26	218	TRCLK26	GPIO27	226	TRCLK27	GPIO28	234	TRCLK28	GPIO29	242	TRCLK29	GPIO30	250	TRCLK30	GPIO31	258	TRCLK31	GPIO32	266	TRCLK32	GPIO33	274	TRCLK33	GPIO34	282	TRCLK34	GPIO35	290	TRCLK35	GPIO36	298	TRCLK36	GPIO37	306	TRCLK37	GPIO38	314	TRCLK38	GPIO39	322	TRCLK39	GPIO40	330	TRCLK40	GPIO41	338	TRCLK41	GPIO42	346	TRCLK42	GPIO43	354	TRCLK43	GPIO44	362	TRCLK44	GPIO45	370	TRCLK45	GPIO46	378	TRCLK46	GPIO47	386	TRCLK47	GPIO48	394	TRCLK48	GPIO49	402	TRCLK49	GPIO50	410	TRCLK50	GPIO51	418	TRCLK51	GPIO52	426	TRCLK52	GPIO53	434	TRCLK53	GPIO54	442	TRCLK54	GPIO55	450	TRCLK55	GPIO56	458	TRCLK56	GPIO57	466	TRCLK57	GPIO58	474	TRCLK58	GPIO59	482	TRCLK59	GPIO60	490	TRCLK60	GPIO61	498	TRCLK61	GPIO62	506	TRCLK62	GPIO63	514	TRCLK63	GPIO64	522	TRCLK64	GPIO65	530	TRCLK65	GPIO66	538	TRCLK66	GPIO67	546	TRCLK67	GPIO68	554	TRCLK68	GPIO69	562	TRCLK69	GPIO70	570	TRCLK70	GPIO71	578	TRCLK71	GPIO72	586	TRCLK72	GPIO73	594	TRCLK73	GPIO74	602	TRCLK74	GPIO75	610	TRCLK75	GPIO76	618	TRCLK76	GPIO77	626	TRCLK77	GPIO78	634	TRCLK78	GPIO79	642	TRCLK79	GPIO80	650	TRCLK80	GPIO81	658	TRCLK81	GPIO82	666	TRCLK82	GPIO83	674	TRCLK83	GPIO84	682	TRCLK84	GPIO85	690	TRCLK85	GPIO86	698	TRCLK86	GPIO87	706	TRCLK87	GPIO88	714	TRCLK88	GPIO89	722	TRCLK89	GPIO90	730	TRCLK90	GPIO91	738	TRCLK91	GPIO92	746	TRCLK92	GPIO93	754	TRCLK93	GPIO94	762	TRCLK94	GPIO95	770	TRCLK95	GPIO96	778	TRCLK96	GPIO97	786	TRCLK97	GPIO98	794	TRCLK98	GPIO99	802	TRCLK99	GPIO100	810	TRCLK100	GPIO101	818	TRCLK101	GPIO102	826	TRCLK102	GPIO103	834	TRCLK103	GPIO104	842	TRCLK104	GPIO105	850	TRCLK105	GPIO106	858	TRCLK106	GPIO107	866	TRCLK107	GPIO108	874	TRCLK108	GPIO109	882	TRCLK109	GPIO110	890	TRCLK110	GPIO111	898	TRCLK111	GPIO112	906	TRCLK112	GPIO113	914	TRCLK113	GPIO114	922	TRCLK114	GPIO115	930	TRCLK115	GPIO116	938	TRCLK116	GPIO117	946	TRCLK117	GPIO118	954	TRCLK118	GPIO119	962	TRCLK119	GPIO120	970	TRCLK120	GPIO121	978	TRCLK121	GPIO122	986	TRCLK122	GPIO123	994	TRCLK123	GPIO124	1002	TRCLK124	GPIO125	1010	TRCLK125	GPIO126	1018	TRCLK126	GPIO127	1026	TRCLK127	GPIO128	1034	TRCLK128	GPIO129	1042	TRCLK129	GPIO130	1050	TRCLK130	GPIO131	1058	TRCLK131	GPIO132	1066	TRCLK132	GPIO133	1074	TRCLK133	GPIO134	1082	TRCLK134	GPIO135	1090	TRCLK135	GPIO136	1098	TRCLK136	GPIO137	1106	TRCLK137	GPIO138	1114	TRCLK138	GPIO139	1122	TRCLK139	GPIO140	1130	TRCLK140	GPIO141	1138	TRCLK141	GPIO142	1146	TRCLK142	GPIO143	1154	TRCLK143	GPIO144	1162	TRCLK144	GPIO145	1170	TRCLK145	GPIO146	1178	TRCLK146	GPIO147	1186	TRCLK147	GPIO148	1194	TRCLK148	GPIO149	1202	TRCLK149	GPIO150	1210	TRCLK150	GPIO151	1218	TRCLK151	GPIO152	1226	TRCLK152	GPIO153	1234	TRCLK153	GPIO154	1242	TRCLK154	GPIO155	1250	TRCLK155	GPIO156	1258	TRCLK156	GPIO157	1266	TRCLK157	GPIO158	1274	TRCLK158	GPIO159	1282	TRCLK159	GPIO160	1290	TRCLK160	GPIO161	1298	TRCLK161	GPIO162	1306	TRCLK162	GPIO163	1314	TRCLK163	GPIO164	1322	TRCLK164	GPIO165	1330	TRCLK165	GPIO166	1338	TRCLK166	GPIO167	1346	TRCLK167	GPIO168	1354	TRCLK168	GPIO169	1362	TRCLK169	GPIO170	1370	TRCLK170	GPIO171	1378	TRCLK171	GPIO172	1386	TRCLK172	GPIO173	1394	TRCLK173	GPIO174	1402	TRCLK174	GPIO175	1410	TRCLK175	GPIO176	1418	TRCLK176	GPIO177	1426	TRCLK177	GPIO178	1434	TRCLK178	GPIO179	1442	TRCLK179	GPIO180	1450	TRCLK180	GPIO181	1458	TRCLK181	GPIO182	1466	TRCLK182	GPIO183	1474	TRCLK183	GPIO184	1482	TRCLK184	GPIO185	1490	TRCLK185	GPIO186	1498	TRCLK186	GPIO187	1506	TRCLK187	GPIO188	1514	TRCLK188	GPIO189	1522	TRCLK189	GPIO190	1530	TRCLK190	GPIO191	1538	TRCLK191	GPIO192	1546	TRCLK192	GPIO193	1554	TRCLK193	GPIO194	1562	TRCLK194	GPIO195	1570	TRCLK195	GPIO196	1578	TRCLK196	GPIO197	1586	TRCLK197	GPIO198	1594	TRCLK198	GPIO199	1602	TRCLK199	GPIO200	1610	TRCLK200	GPIO201	1618	TRCLK201	GPIO202	1626	TRCLK202	GPIO203	1634	TRCLK203	GPIO204	1642	TRCLK204	GPIO205	1650	TRCLK205	GPIO206	1658	TRCLK206	GPIO207	1666	TRCLK207	GPIO208	1674	TRCLK208	GPIO209	1682	TRCLK209	GPIO210	1690	TRCLK210	GPIO211	1698	TRCLK211	GPIO212	1706	TRCLK212	GPIO213	1714	TRCLK213	GPIO214	1722	TRCLK214	GPIO215	1730	TRCLK215	GPIO216	1738	TRCLK216	GPIO217	1746	TRCLK217	GPIO218	1754	TRCLK218	GPIO219	1762	TRCLK219	GPIO220	1770	TRCLK220	GPIO221	1778	TRCLK221	GPIO222	1786	TRCLK222	GPIO223	1794	TRCLK223	GPIO224	1802	TRCLK224	GPIO225	1810	TRCLK225	GPIO226	1818	TRCLK226	GPIO227	1826	TRCLK227	GPIO228	1834	TRCLK228	GPIO229	1842	TRCLK229	GPIO230	1850	TRCLK230	GPIO231	1858	TRCLK231	GPIO232	1866	TRCLK232	GPIO233	1874	TRCLK233	GPIO234	1882	TRCLK234	GPIO235	1890	TRCLK235	GPIO236	1898	TRCLK236	GPIO237	1906	TRCLK237	GPIO238	1914	TRCLK238	GPIO239	1922	TRCLK239	GPIO240	1930	TRCLK240	GPIO241	1938	TRCL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Y2	Change component footprint from 0701 to 0801. Change motor driver to on-board.	2008.7.26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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