

KEC MOBILE
®APPLICATIONS

KEC MOBILE
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DVD Player User's Manual

DVD - 3/DVD - 3T

Preparations

Connection

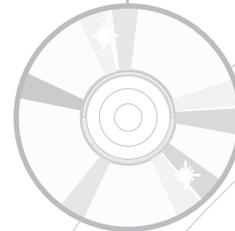
Setup

Use

Others

NOTICE:

For additional information or for the location of an authorized service center, please contact KEC Mobile Applications / KTV USA, Inc. at (800) 524-1216 or (973) 470-9191



- ∅ is the prohibition mark. If this appears when you operate the product, wait until it disappears. If this phenomena repeats, the current button does not cope with the disk in play.

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3406100490B





Safety Precautions

Do read and use the followings carefully for your safety and product protection.

Cautions are composed of Warning and Attention which mean the followings respectively.

Warning : Possibility of fatal injury or death

Attention : Possibility of minor injury or product damage

Warning

Put the cigar jack into the deepest point to prevent shaking.

- It may cause a poor contact or fire.



Never use any damaged cigar jack.

- It may cause a poor contact or fire.



Never touch the cigar jack with wet hands.

- It may cause a fire or electric shock.



Never hold the product with your hands while the disk is in play.

- It may cause a breakdown of disk or product.



Be careful not to get the cigar jack cable entangled.

- It may cause an accident.



Do not expand the cigar jack too severely.

- It may cause the battery discharge from instable voltage.



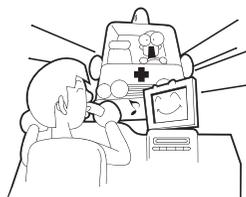
Grab the cigar jack firmly to pull it out.

- If not, it may cause a heat emission or fire.



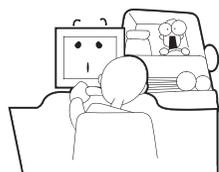
Watching or adjusting is prohibited during drive.

- It may cause a traffic accident.



Secure your vision from the product.

- It may cause a traffic accident.



Attention

Don't put books or water-filled vessels.

- It may cause a breakdown.



Neither use nor store ignitable sprays or inflammable materials in the vicinity.

- It may cause an explosion or fire.



Don't put metals(coin, hair pin, ironware, etc.) or burnable foreign materials(match, paper, etc.) in the disk inlet or port hole.

- It may cause a fire or electric shock.



Put the product at a flat and stable place.

- Otherwise, It may cause a wrong operation.



Never disassemble or modify the product on your own.

- It may cause a breakdown.



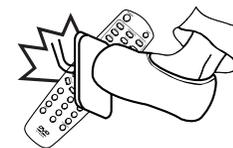
Avoid the vicinity of the handle knob for installation.

- It may cause a traffic accident.



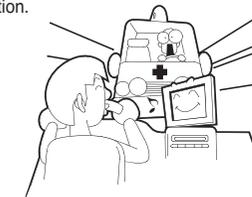
Keep the remote control away from the brake pedal.

- It may cause a traffic accident.



Keep the volume reasonable.

- It may cause an interfering other drivers and being ignorant of surrounding situation.





Special Features

- **Covers DVD, VCD, SVCD, and CDDA**
- **Covers play MP3, WMA, and JPEG(i.e. CD-R, CD-RW, DVD-R, DVD+R, DVD-RW, and DVD+RW disk containing MP3, WMA, or JPEG)**
- **OSD(On Screen Display)**
Press [DISPLAY] to display the information on the DVD/VCD/CD disk and the device.
- **Screen Saver**
- **High Performance Video(27Mhz/10bit)**
- **Coaxial Digital Output(PCM, Dolby Digital, dts)**
- **Dolby Digital Decoder is built in.**
- **Composite Video Output(x1)**
- **S-Video Output(x1)**
- **Slow Forward and Reverse Playback(DVD)**
- **Fast Forward and Reverse Playback(DVD)**
- **Title, Chapter, and Time Search for DVD and Track and Time Search for VCD/CD**
- **Various Screen Ratio(DVD)**
4:3 Zoom(Pan and Scan), 4:3 General(Letter Box), and 16:9 Wide(Wide)
- **Repeat Play(Title and Chapter for DVD and Track and disc for VCD/CD)**
- **Repeat Play of Specific Area(A-B)**
- **Selective Play(DVD/VCD/CD)**
Title or Chapter for DVD and Track for Video CD/CD
- **Various Voice Language(DVD)**
Up 8 Voice Languages.
The number of languages depends on the disc for SVCD and VCD.
- **Various Open Caption Language(DVD)**
Up 32 Open Caption Languages.
The number of languages depends on the disc for SVCD and VCD.
- **Various Angle Screen(DVD)**
Simultaneous Multi Screen at Various Angles(The number of screens depends on the disc.)
- **Screen Zoom**
- **3D Sound Effect**
3D Sound Effect Service
- **Free Volt**
From 12V to 24V



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Disc Information



DVD (Digital Versatile Disc) is a disc with a maximum capability of 135 minutes long image, 8 Disc Audio languages, and 32 Subtitle languages. It also has the function of MPEG-2 type image compression and dolby digital 3D surround so that you are able to bring a movie theater at home enjoying vivid image and clean sound quality.



Both DVD player and disc have encoded country codes that you have to accord with before use.

Disc for Play

Disk Type	Disk Logo	Saved Signal	Disc Size
DVD VIDEO DVD AUDIO DVD-R DVD+R DVD-RW DVD+RW	 	Audio + Video	12 cm
VCD		Audio + Video	12 cm
CD		Audio	12 cm
CD-R			
CD-RW			



Dolby Digital



Digital Audio Disk



Stereo Disk



Broadcasting Method



MP3 Disc

- Other discs than specified above shall not be used for this device.
- DVD, DVD-Audio, DVD-ROM, and CD-ROM with an incompatible area code shall not be used for this device.
- The area code for the player is written in the back.



Disc Handling and Storage

Even tiny scratch on the disc may affect the screen. Please take special care.

Disc Handling



- Press the center holder to put a disc out of the case with convenience.
- Do not touch the disc surface but refer to the figure to move a disc.
- Do not stick paper or tape on a disc. It may be bent.
- Do not leave fingerprint or dust on a disc. Be sure to check and clean any before use.



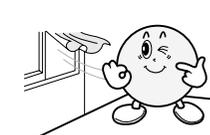
- Do not let dust or foreign materials on a disc.
- Do not use broken or scratched discs.

Disc Storage

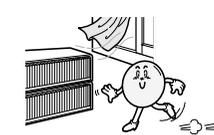
Without direct ray



Good ventilation



Available for vertical storage



- Sudden temperature rise may dew the operating part or lens of a product, resulting in play failure. If then, supply power and insert a disc 1 or 2 hours later.

Disc Handling



For a disc stained by fingerprints or dirty foreign materials, wipe it out with neutral rinse and water and dry it with a soft towel.

- From inside to outside



- Do not use chemicals such as thinner, benzene, commercial rinse, alcohol, or static electricity preventive spray for LP at all times. This may hurt the disc.



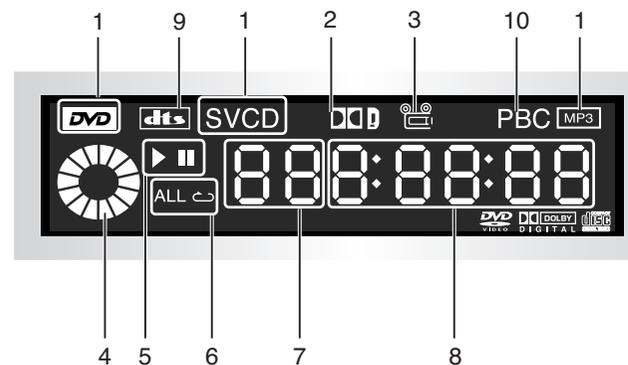
Parts Name & Description

Preparations

Front



Front Panel Display



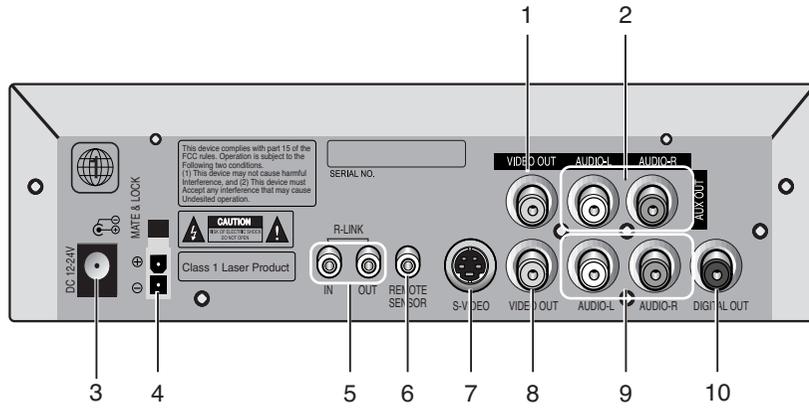
- 1 POWER**
Turns on/off power.
- 2 PLAY**
Plays discs.
- 3 Disc SLOT**
Receives and discharges discs.
- 4 Remote Sensor**
Receives signals at a remote control.
- 5 NEXT/BACK**
Skips chapters or tracks.
- 6 EJECT**
Takes out discs.
- 7 STOP**
Stops disc operation.
- 8 Display Window**
Shows the current condition of players or discs.
- 9 VIDEO IN**
Connects a video cable with a video input port and a video output port of other device.
- 10 AUDIO IN**
Connects an audio cable with an audio input port and an audio output port of other device.

- 1 DVD/SVCD/VCD/CD/MP3**
Displays the disc type inserted in the main body.
- 2 Dolby Digital**
Indicates the disc in play was recorded by dolby sound effect.
- 3 ANGLE**
Indicates the disc in play is being watched at various angles.
- 4 ROTATE**
Indicates a disc is rotating.
- 5 PLAY/PAUSE**
Displays the current operation mode.
- 6 REPAT/ALL**
Displays the current Repeat/Play mode.
- 7 TITLE/CHAPTER**
Displays the title or chapter information on the DVD disc in play.
- 8 VISION**
Displays the information on vision and operation modes such as Play, Stop, Disc-Confirmed, or No-Disc.
- 9 dts**
Indicates the disc in play was recorded by dts sound effect.
- 10 PBC (Play Back Control)**
Displays the PBC operation condition while VCD plays.



Parts Name & Description

Rear



- | | |
|--|--|
| <p>1 VIDEO OUTPUT
Connect a video cable with a video output port and a video input port of other device.</p> <p>2 AUDIO OUTPUT
Connect an audio cable with an audio output port and an audio input port of other device.</p> <p>3 DC INPUT
Use the cigar jack for connection.(extra)</p> <p>4 DC INPUT
Use the DC power cable for connection.</p> <p>5 R-LINK IN/OUT
Allows remote control of any KEC Mobile Applications video product in the R-LINK chain even if it is hidden from view.</p> | <p>6 EXTERNAL REMOTE CONNECTOR
Use the external remote control cable.</p> <p>7 S-VIDEO
Connect the S-Video cable with the S-Video output port and TV S-Video input port for the better resolution.</p> <p>8 VIDEO OUT
Connect the Video cable with the Video output port and TV Video input port.</p> <p>9 AUDIO OUT
Connect the Audio cable with the Audio output port and TV or Receiver Video input port.</p> <p>10 DIGITAL AUDIO OUT
Connect the DVD player with a compatible Dolby Digital Receiver or Decoder or DTS Receiver or Decoder.</p> |
|--|--|



Parts Name & Description

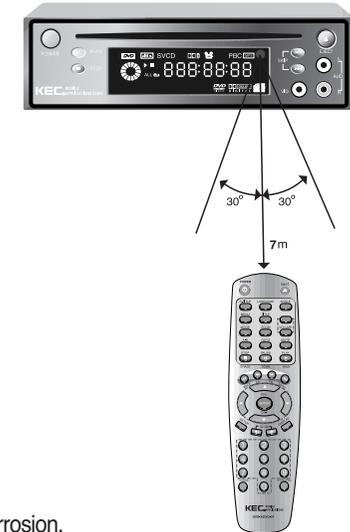
Remote Control Battery Change



1. Push the battery lid in the arrow direction to open it.
2. Put batteries in, checking their polarity. (1.5V, AAAx2)
3. Push the battery lid back in the arrow direction to close it.

Using Remote Control

The remote control can cover as long as 7m from the DVD receiver and up to 30° to the left and right.



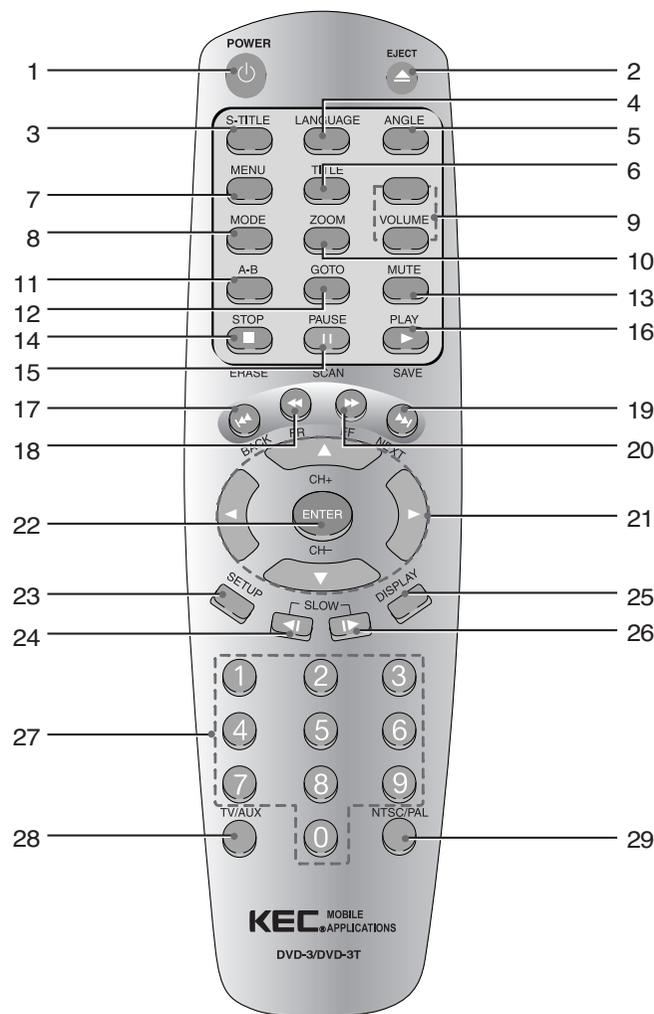
Cautions for Battery Handling

- Poor battery use may cause battery liquid leak or corrosion.
- Check the polarity when you put batteries in.
- Never expose a battery to heat or fire. Never disassemble or short a battery.
- Check if a dead battery is in the remote control.
- Never combine batteries of different type. Do not leave an old battery when you put a new battery in.
- When you don't use the remote control for a long time, please take out all batteries to prevent their corrosion.
- In case of poor operation of the remote control or shorter operation distance, replace the batteries.
- In case of battery liquid leak, clean the liquid from the remote control and replace the batteries.



Parts Name & Description

Name and Function of Remote Control Buttons



- 1 **POWER** (also on the DVD-3 front panel)
Press to turn the DVD player ON/OFF.
POWER OFF automatically activates AUX inputs.
DVD-3T Only: Press repeatedly to cycle through DVD → TV → AUX.
- 2 **EJECT** (also on the DVD-3 front panel)
Press to eject the disc.
- 3 **S-TITLE**
Use to choose and cycle through the available subtitles. This function will only work if the disc contains subtitles.
- 4 **LANGUAGE**
Use to cycle through soundtracks in various languages. This function will only work if the disc has been recorded with multiple language soundtracks.
- 5 **ANGLE**
Use to access various camera angles. This function will only work if the disc has been recorded with multiple camera angles.
- 6 **TITLE**
Displays the titles on the disc under play.
- 7 **MENU**
Displays the menus of the disc being played.
- 8 **MODE**
Use to choose play or repeat mode.
- 9 **VOLUME**
Adjusts the audio output levels of the DVD-3 to equalize its output with other program sources in the vehicle (VCP, Video Game, etc).
IMPORTANT NOTE: If the DVD-3 Volume Control is set to "0", no sound will be heard regardless of the settings of any other system volume controls.
- 10 **ZOOM**
Zooms in on picture.
- 11 **A - B**
Repeats the selected segment.
- 12 **GOTO**
Use to go to the track or chapter of the DVD disc you want.
- 13 **MUTE**
Cuts off the sound.
- 14 **STOP** (also on the DVD-3 front panel)
Stops disc play.
DVD-3T Only: Erases TV channel from memory in TV mode.
- 15 **PAUSE**
CD: The audio will be paused.
DVD: Still frame mode. Press repeatedly to advance the picture frame by frame.
DVD-3T Only: Starts automatic channel scan.
- 16 **PLAY** (also on the DVD-3 front panel)
Press to begin disc play.
DVD-3T Only: Adds the channel to memory.
- 17 **PREVIOUS** (also on the DVD-3 front panel)
Press once to go to the start of the current chapter (DVD) or track (VCD, CD, MP3).
Press again to go to the start of the previous chapter/track.
- 18 **FR**
Press repeatedly to fast reverse through the disc from 2X to 100X faster. Audio will be muted. (DVD)
- 19 **NEXT** (also on the DVD-3 front panel)
Press to advance to the next chapter or track.
- 20 **FF**
Press repeatedly to fast forward through the disc from 2X to 100X faster. Audio will be muted. (DVD)
- 21 **ARROW KEYS / CH+, CH- KEYS**
Use to move through the desired menu.
DVD-3T Only: Use Up/Down to change channels & Left/Right to fine tune channels.
- 22 **ENTER**
Use to choose the desired menu item.
- 23 **SETUP**
Press to display the DVD-3's built-in SETUP Menus for Language, Video, Audio and Parental Control.
- 24 **SLOW BACK**
Press repeatedly to slow reverse through the disc from 1/2X to 1/32X slower. Audio will be muted.
- 25 **DISPLAY**
Moves to the title/track or chapter of a disc.
- 26 **SLOW FORWARD**
Press repeatedly to slow forward through the disc from 1/2X to 1/32X slower. Audio will be muted.
- 27 **NUMERIC BUTTONS**
May be used to make direct selections from various menu screens.
DVD-3T Only: May be used for direct entry of the desired channel.
- 28 **TV/AUX**
Press to cycle between DVD → AUX playback.
DVD-3T Only: Press to cycle through DVD → TV → AUX.
- 29 **NTSC/PAL**
Press STOP button and then press NTSC/PAL button to select the desired mode.
IMPORTANT NOTE: The DVD-3 is preset at the factory for NTSC mode. Do not use this button unless you need to set the player for use outside of the USA or other NTSC countries.

NOTE: Buttons 1~2 & 14~20 are duplicated on the Tri-Mode Remote Controller (Part # RC9799 or RR9799) that is packaged with all KEC MOBILE APPLICATIONS LCD Systems. The RC9799 or RR9799 ◀▶ TRK/CHAP ▶▶ buttons also function as Channel +/- buttons with the DVD-3T. (Please see the Reference Section of this manual for more information).

Preparations



Precautions for DC Input/Output Port Use

1 When using the DC power supply cable(DC Power Supply Cable)

Connect the red cable port to ACC (DC 12V~24V) and the black one to the ground.

Use ④ of Page 10.

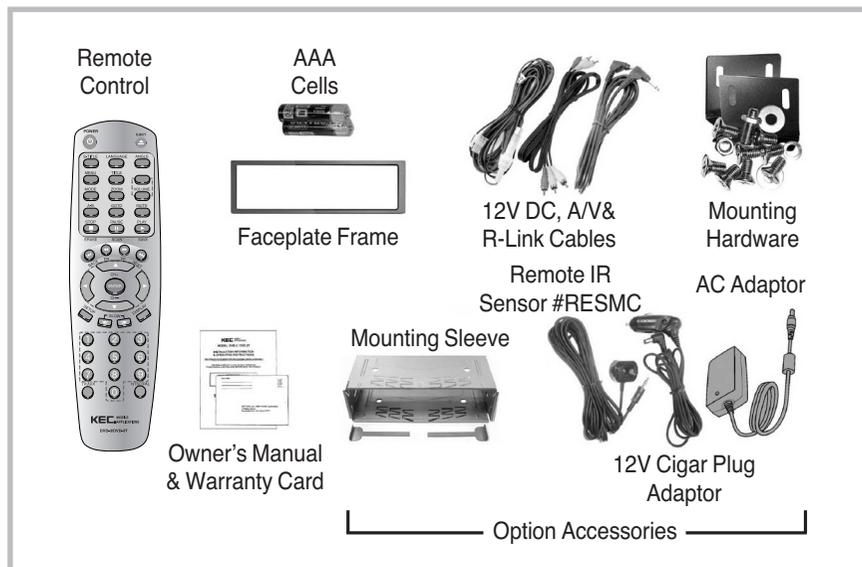
2 When using the car cigar jack(Extra Goods)

Check if the car cigar jack output voltage is DC 12V ~ 24V before you put it in the DC input port.

Use ③ of Page 10.



Checking Accessories



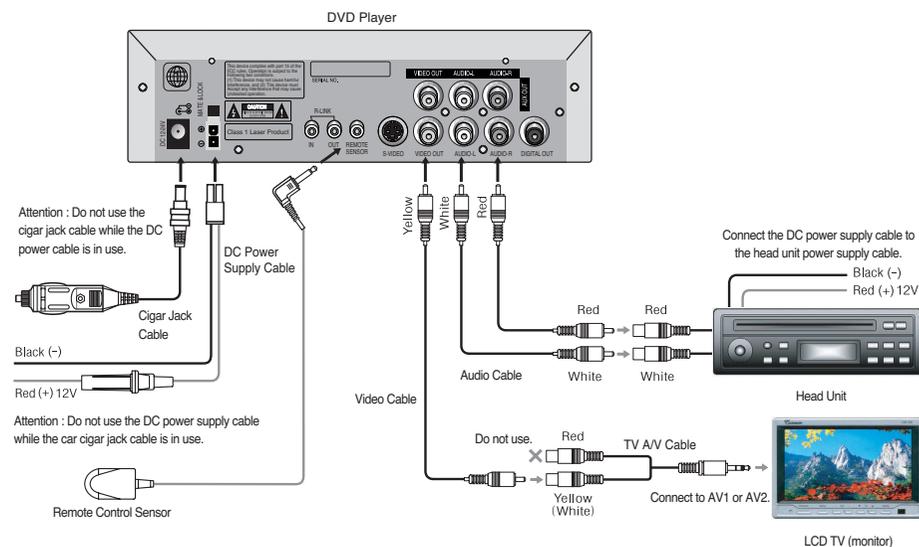
● Please call the shop where you bought our product to buy other extra goods than specified above.



Connecting to TV/Audio

Wiring Diagram

When using the AUX input port of the head unit



1 Connect the audio cable to the Audio Output(L/R) port in the back of the DVD player and the Audio Input port of the car stereo.

2 Connect the video cable to the Video Output(L/R) port in the back of the DVD player and the Video Input port of TV.



Function Setup

- Press **SETUP** when a disc is not running to enter DVD and the following screen to preset various menus will appear as follows. Here comes the information of display.
- The default setting will be left unchanged by power on or off.

Using Setup Menu

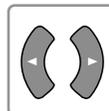
**1**

Press **[SETUP]** button when a disc is not running

- The **SETUP** menu appears.



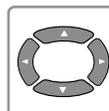
- Press **◀** button to return to the previous menu during DVD setup.

**2**

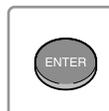
Press **◀▶** button to move to the **SETUP** menu.

- It changes in the order of **LANGUAGE** → **DISPLAY** → **AUDIO** → **LOCK** → **OTHERS**.

- **LANGUAGE Setup** Refer to **LANGUAGE** of Page 17.
You can set up Menu language, Disc Audio, Sub-title, and Disc Menu languages.
- **DISPLAY Setup** Refer to **DISPLAY** of Page 18.
You can select Screen Size, Progressive Scan, or Broadcasting Method.
- **AUDIO Setup** Refer to **AUDIO** of Page 19.
You can set up the Audio Digital/Analog output method.
- **LOCK Setup** Refer to **LOCK** of Page 20.
You can select the x-rating for minors.
- **OTHER Setup** Refer to **OTHERS** of Page 21.
You can set up various functions.

**3**

Press **▼** button to enter the detailed menu, press **▶** button to enter a sub menu, and press **▲** and **▼** buttons to select the sub menu.

**4**

Press **[ENTER]** button.

- Setup process is completed.

**5**

Press **SETUP** button to exit the default menu.

- Exits the default menu.



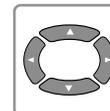
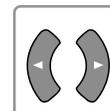
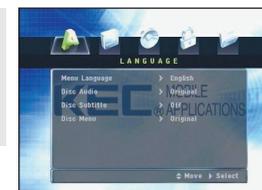
DVD Setup

LANGUAGE Setup

Sets up the Menu language, Disc Audio, Subtitle languages recorded in a disc to see or hear a language that you want to.

**1**

Press **[SETUP]** button of the remote control when a disc is not running and press **◀▶** button to move to the **LANGUAGE** Setup menu.

**2**

Press **▼** button to enter the **LANGUAGE** **SETUP** menu and press **▶**, **▲** and **▼** buttons to select a language.



- **Menu Language**
Selects the menu language for the DVD player
- **Disc Audio**
Selects the Disc Audio language.
- **Disc Subtitle**
Selects the Subtitle language.
- **Disc Menu**
Selects the Disc Menu language.

**4**

Press **[ENTER]** button.

- Setup process is complete.
- Press **SETUP** button to escape from the default menu.



- If the set menu language is not written on the disc, the menu is not displayed into the set language.

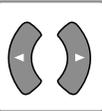


DVD Setup

DISPLAY Setup

Here are the display setup options.

1 Press [SETUP] button of the remote control when a disc is not running and press ◀▶ button to move to the DISPLAY Setup menu.


2 Press ▼ button to enter the DISPLAY Setup menu and press ▶, ▲ and ▼ buttons to select a display.




- **TV Aspect Size**
 - **16 : 9** : You can see the screen in the ratio of 16 : 9.
 - **4 : 3** : You can see the screen in the ratio of 4 : 3.
- **Display Mode**
 - **Letterbox** : You can see the full screen in the ratio of 16:9 but a black margin will appear both on the top and at the bottom respectively instead.
 - **Panscan** : You can cut both sides of the 16:9 screen to zoom in the central part.

3 Press [ENTER] button.

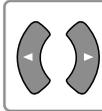
- Setup process is completed.
- Press SETUP button to exit the setup menu.



AUDIO Setup

Depending on the active Audio Speaker condition, you can set up as follows.

1 Press [SETUP] button of the remote control when a disc is not running and press ◀▶ button to move to the AUDIO Setup menu.


2 Press ▼ button to enter the AUDIO Setup menu and press ▶, ▲ and ▼ buttons to select the menu for setup.




- **Dolby Digital Output**
 - **Bitstream** : When connecting with Dolby Digital Decoder
 - **PCM** : When connecting 2CH Output
- **DTS Output**
 - **Bitstream** : When connecting with DTS Decoder
 - **PCM** : When connecting 2CH Output
- **PCM Sampling Frequency**
 - **48 KHz** : When the active AMP can not deal with the 96KHz signal
 - **96 KHz** : When the active AMP can not deal with the 96KHz signal
- **Digital Output**
 - **On** : When turning on Digital Output
 - **Off** : When turning off Digital Output

3 Press [ENTER] button.

- Setup process is completed.
- Press SETUP button to exit the setup menu.





DVD Setup

LOCK Setup

This function keep children off violent or erotic materials by setting the rating from 1 to 8.
For the disc without a proper rating, this function is not applicable.

1

Press [SETUP] button of the remote control when a disc is not running and press ◀▶ button to move to the LOCK Setup menu.

Press ▼ button to enter the Rating Setup menu and press ▶, ▲ and ▼ buttons to select a rating.

- **Rating**
 - **Rating 1,2** : For every age(a disc free of obscenity, violence, drug, or insult)
 - **Rating 3** : Under parents' instruction or recommendation, Improper for young kids(a disc containing violence but free of plain obscenity or drug)
 - **Rating 4,5** : In the attendance of parents under the age of 13(a disc free of sexual act or excessive violence)
 - **Rating 6** : In the attendance of parents under the age of 17(a disc for adult containing insult, violence, sexual act, and drug)
 - **Rating 7,8** : Over the age of 17 only(a disc for adult only containing playing sexual act and excessive violence)
- **Password**
 - **New Password** : Input a new password.
 - **Confirm** : Input a new password again.

3

Press [ENTER] button.

- Setup process is completed.
- Press SETUP button to exit the setup menu.

Note • For the disc without a proper rating, LOCK function is not applicable.

OTHERS Setup

1

Press [SETUP] button of the remote control when a disc is not running and press ◀▶ button to move to the OTHER Setup menu.

Press ▼ button to enter the OTHERS Setup menu and press ▶, ▲ and ▼ buttons to select an item for setup.

- **PBC (Play Back Control)**
This function is applicable to VCD 2.0 for the quick search of a shot by using the menu recorded in a disc.
- **Auto Play**
This function is applicable to the play of DVD to jump to the Watching Movie menu, ignoring the initial ad or Root menu for disc play.
- **B.L.E**
Darken the screen at night.
- **Load Default**
Returns to the ex-work default.
- **Screen Saver**
Screen Saver is used to prevent TV or monitor in use from being damaged.
When you stop or pause the DVD player for more than 3 minutes, the DVD logo screen will start moving.
- **Last Play**
Starts the playback from the point where the playback stopped before.

3

Press [ENTER] button.

- Setup process is completed.
- Press SETUP button to exit the setup menu.



DISC PLAY

Before playing a disc

Check if the area code of your DVD player accord with that of a disc. If not, the disk won't operate.

Playing a disc (DVD, VCD, CD)



1 Press [POWER] button.



2 Let the labelled side(containing no data) of a disc face up and put the disc in.
• The disc will automatically operate.

- **Stop(■) Button**
Stops play.
- **Play(▶) Button**
 - Press ▶ to play the point whose play was suspended before.
 - Press ■ twice and press ▶ again to play a disc from the beginning.
- **Pause(⏸) Button**
 - Pauses play of a disc.
 - Whenever you press this button, the screen will change one by one.
 - Press ▶ button again to replay the disc.

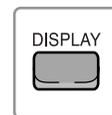


- In 3 minutes after a disc is paused, the DVD player will automatically enter the Screen Saver mode to protect your TV.
- If you don't pull a disc out in 10 seconds after you press EJECT button to eject the disc, it will be automatically loaded, eventually the disc will stop.



Checking DISPLAY

Depending on the disc type, the Voice Language/Closed Caption function operates. This function is available only during play.



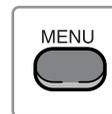
1 Press [DISPLAY] button.

- **DVD**
The current title, chapter, time, disc audio language, subtitle language, camera, and 3D sound effect will be displayed in the screen.
- **VCD**
The current track, time, disc audio language, and 3D sound effect will be displayed in the screen.



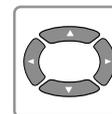
Checking Disc Menu

For the disc containing Menu, you may select one out of the various menus as follows.



1 Press [MENU] button.

- The menu in the disc will appear.
- The menu differs by the disc.
- Whenever you press MENU button, PBC will be turned on and off in turn.(VCD 2.0)
- CD and VCD1.1 don't have this function.



2 Press ▼, ▶, ▲ and ▽ buttons to move to an item and press [ENTER] button.



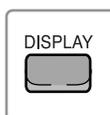
- **What is Title?**
Refers to a movie file recorded in a DVD disc.
- **What is Chapter?**
Refers to each chapter, a unit which classifies a movie file recorded in a DVD disc.
- **What is Track?**
Refers to a unit or a music which divides a scene recorded in a VCD or CD list.



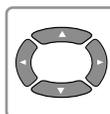
Changing Disc Audio/Subtitle language during the Playback

Depending on the disc type, the Disc Audio/Subtitle function may not operate.
This function is available only during the playback.

Changing Disc Audio (DVD, VCD)



1 Press [DISPLAY] button.

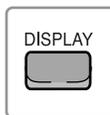


2 Press ▲▼ buttons to select the Disc Audio and ◀▶ buttons to select the language.

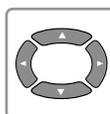
- For the disc containing the disc audio information, press LANGUAGE to select a variety of languages such as Kor, Eng, etc.(DVD)

- Note**
- The subtitle language mark may vary with the disc type.
 - A disc can contain as many as 8 subtitle languages.
 - If you want the disc audio language whenever you play DVD, set a disc audio language in the default setup.(See Page 19.)

Changing Subtitle Language (DVD)



1 Press [DISPLAY] button.



2 Press ▲▼ buttons to select a subtitle language, and ◀▶ buttons to fix the subtitle language.

- For the disc containing the subtitle information, press S-TITLE button to select a variety of languages such as Kor, Eng, Jap, etc.
- Press S-TITLE button to turn it off and the subtitle won't appear any more.

- Note**
- The subtitle language mark may vary with the disc type.
 - A disc can contain as many as 32 subtitles.
 - If you want the same subtitle language whenever you play DVD, set a subtitle language in the default setup.(See Page 24.)
 - The Disc Audio/Subtitle language selection function may be available depending on the disc type.
 - It won't operate after paused.
 - It is available only during DVD play.



Searching Video track/Music

During disc play, use the following functions to search a video track or a music.

Quick Search of Screen/Song (DVD, VCD, CD, MP3)



1 Press FR and FF and (◀▶) button in the remote control during play.

- **DVD**
The play speed will change x2 → x4 → x16 → x100 by pressing the button.
- **VCD/CD**
The play speed will change x2 → x4 → x8 by pressing the button.
- **MP3**
The play speed will change x2 → x4 → x8 by pressing the button.

- Press PLAY button to recover the normal play speed.
- During quick play, sound will be mute.(DVD/VCD)

Skipping Chapter(Track) (DVD, VCD, CD, MP3)



1 Press BACK and NEXT (◀▶) button in play.

- When pressing Back(◀) button, it returns to the previous chapter.
- When pressing NEXT(▶) button, it moves to the next chapter.



Slow Play

Slow Play (DVD/VCD)

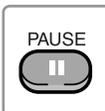


1 Press SLOW () button in PAUSE or PLAY.

- When pressing SLOW button (), it plays with x1/2, x1/4, x1/8, x1/16, and x1/32 in the forward direction.
- When pressing SLOW button (), it plays with x1/2, x1/4, x1/8, x1/16, and x1/32 in the reverse direction.

- Press PLAY () button to recover the normal play speed.
- During slow play, the sound will be mute.
- This function is not available while CD, MP3 or WMA plays.

Dividing Screens (DVD/VCD)



1 Press PAUSE () button after a disc was paused.

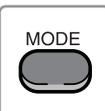
- Whenever you press it, the screen will proceed one by one track.
- Press PLAY () button to recover the normal play speed.

- Note**
- The sound will be mute during this function is activated.
 - This function is not available while CD, MP3, or WMA plays.



Repeat Play

Repeating Play of Chapter, Title & Track(Music) (DVD/VCD/CD)



1 Press MODE () button during the disc playback.

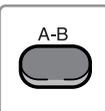
- Whenever you press MODE button, the mode will keep changing in the following sequence.

- DVD
Chapter → Title → Off
- VCD
Track → All → Off
- CD, MP3
Track → Random Play → All



- DVD
 - Off : When not playing in repeat
 - Title : When playing the current title in repeat
 - Chapter : When playing the current chapter in repeat
- VCD
 - Off : When not playing in repeat
 - Track : When playing the current track in repeat
 - All : When playing the current disc in repeat
- CD, MP3
 - Track : When playing the current track in repeat
 - Random Play : When playing in Random
 - All : When playing the current disc in repeat

Repeating Certain Area (DVD/VCD/CD)



1 Press Repeat Area () button at the point that you want to repeat playing.

- Press the button at both the start point (marked 'A') and the end point (marked 'B') of the area that you want to repeat playing. Only the selected area will be played over and over again.
- Press the button once more to cancel this setup.

- Note**
- The function may not be available depending on the disc type.





Zooming-In/Angling

Zooming-In (DVD/VCD)

You may zoom the screen by 2 steps during play or pause.



1 Press **ZOOM** () button in the Play or Pause mode.



The convex mark () will be displayed presenting zoom ratios. Whenever you press the button, the screen will be zoomed by the following ratio.
400% → 1600% → off



2 Press **▲, ▼, ◀** and **▶** buttons to move the zoomed area.

Changing the Camera Angle (DVD)

When a disc contains an area shot at various angles, you may see the screen at those angles.



1 Press **ANGLE** () button.

- The mark () will be displayed, presenting the maximum number of screen.



- Press ANGLE button to select the screen at an angle.
- In case the maximum number of screen is 1, the screen angle won't change.



Searching Screen or Music

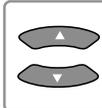
You may search a screen or a Music by Progress or Title/Chapter/Track.

Searching by Time

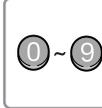


1 Press **Search** () button.





2 Press **▲** or **▼** button to move to the Time menu.



3 If you want to search 1hr 5min 15sec, press 1, 0, 5, 1, and 5 followed by ENTER button.

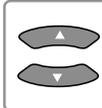
- Then the screen after the selected hour will be played.

Searching by Title or Chapter

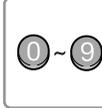


1 Press **Search** () button.





2 Press **▲** or **▼** button to move to the Title/Chapter menu.



3 If you want to search Title 1, Chapter 3, press 1 and 3 followed by ENTER button.

- You have only to input the chapter to move in the same title.



Playing MP3 and WMA Disc.

Playing File



1

Put in a Disc.

- Make the printed side of the disc face upward.
- As it enters, the first song is automatically played.

- Press STOP button to stop play.
- Press PAUSE button to pause play.
- Press PLAY button to replay.



If you want to play a music.

1. Press ▲▼ button to select a music(track) followed by ENTER button. A music will be played.
2. Input number keys and use ENTER button to play the music of a number rightly.

- Note**
- Up to 6 tracks will be appeared per display.
 - Press or button to listen to the next or previous music.
 - Press SLOW () button to select a music in the other folder.

❖ About MP3, WMA File

- MP3 or WMA files shall be in the format of ISO 9660 or JOLIET.
- The file name of MP3 or WMA shall not contain special marks (\, ; , * , ! , " , < , > , | , ...)
- You are not allowed to record unwritable MP3 or WMA files.
- MP3 and WMA discs may not be played depending on the recording condition.
- WMA files may not play the data less than 48Kbps, 33kHz..

If you want to listen to only the music that you want to;

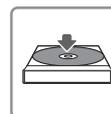
1. Press ▲▼ button to move to a music and press ► button until it appears. Then, press (ENTER) button to register the music in the program list.
2. Press ◀▶ button to move to the program, and press ENTER button.

- Note**
- : When registering the whole list in the program
 - : When deleting the music from the program
 - : When deleting all the music from the program



Photo View by JPEG Disc

Photo View by JPEG Disc



1

Put a disc in.

- Make the printed side of the disc face upward.

1. Press ▲▼ button to select a photo.
2. Press NEXT/BACK button while a photo is viewed to move to the next/previous photo.
3. Press ◀▶ button to rotate the photo by 90° > 180° > 270° > ORIGINAL step by step.
4. Press ZOOM button to see the screen at the zoom ratio of 400% → 1600% → Normal step by step.

- Note**
- Only the files with the extension of JPG/JPEG are to be viewed.
 - The JPG file name shall not contain special marks (\, ; , * , ! , " , < , > , | , ...)
 - Select the middle () from the list to adjust the view speed in the order of (→ → →)



Troubleshooting

Take the following measures at first and further turn the product off and call our Service Center.

<p>The disc is running but the screen does not appear or it is poor or shaking.</p>	<ul style="list-style-type: none"> · Check if TV is turned on. · Check the connection. · Check if the main body is paused. · Check if the disc contains foreign materials or is damaged. · Check the original condition of the disc.
<p>The sound quality is not even.</p>	<ul style="list-style-type: none"> · Check the connection with the Dolby Digital Lamp. · Check the connection plug. · Check if the connection port is stained with foreign materials.
<p>The remote control does not operate.</p>	<ul style="list-style-type: none"> · Check the angle and distance of the remote control. Check any obstacle. · Check if batteries are sufficiently charged.
<p>There is no image or sound or the disc come out in 2~5 seconds.</p>	<ul style="list-style-type: none"> · Isn't the product installed in too cold or hot place? The optimum temperature for the operation ranges 0°C~50°C
<p>Nothing plays.</p>	<ul style="list-style-type: none"> · Check the existence of a disc. · Check the power voltage. · Check if the right side of a disc was faced upward. · Check if the disc area code. · Check the disc condition.

<p>No sound</p>	<ul style="list-style-type: none"> · Aren't you operating in the SLOW or SEPARATE mode? (There will be no sound in the Flexible Speed Screen Play mode.) · Check the connection and further if SETUP is correct. · Is the disc inserted right?(Make the printed side of the disc face upward.) · Check the disc condition.(Keep it clean.)
<p>The product does not operate as per the initial setup condition.</p>	<ul style="list-style-type: none"> · By the specification, some discs may not obey the default condition. Only the disc that has the same function with the SETUP menu will operate.
<p>TV Aspect selection is impossible.</p>	<ul style="list-style-type: none"> · DVD discs are manufactured in the 16:9 Wide, 4:3 Movie, and 4:3 Zoom screen according to the manufacturing condition. Each type always its own rated screen. · Check the DVD disc case to select the function proper for a motion. For your reference, the 4:3 standard disc may not be seen wide.
<p>Dolby Digital 5.1CH 3D sound effect does not come out.</p>	<ul style="list-style-type: none"> · Dolby Digital 5.1CH 3D sound effect can be heard by the combination of the Dolby Digital exclusive lamp. In addition, only the DVD disc recorded by 'Dolby Digital 5.1CH' may operate.
<p>Disc Audio or Subtitle language which was selected does not operate.</p>	<ul style="list-style-type: none"> · Only the disc audio/subtitle language recorded in a DVD disc can be played.
<p>During DVD play, the Screen Angle doesn't operate.</p>	<ul style="list-style-type: none"> · Screen Angle is available only when the content by angles is recorded in a DVD disc. In such a case, the angle mark  shall be printed in the product or VFD.



Product Specification

DVD Mode Video Output Method		NTSC/PAL
TV Mode Broadcasting Method		NTSC/PAL
Voice Response		20Hz ~ 20KHz
Voice S/N Ratio		90dB
Output	Audio Analog	0.5Vp-p Impedance : 75 Ω
	Audio Digital	0.5Vp-p Impedance : 75 Ω
	Video	1.0Vp-p Impedance : 75 Ω
Power		DC 12V~24V, 1.5A
Power Consumption		18W
Product Size		178(D)x175(W)x50(H)
Weight		1.3Kg
Allowable Operating Temperature		0°C ~ 50°C
Allowable Operating Humidity		0% ~ 80%
Allowable Operating Condition		Horizontal

※ Design, accessories, and product specification may be changed without notice.



REFERENCE

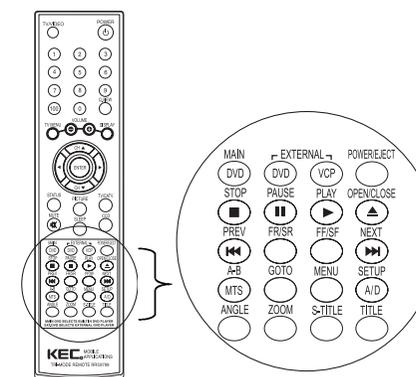
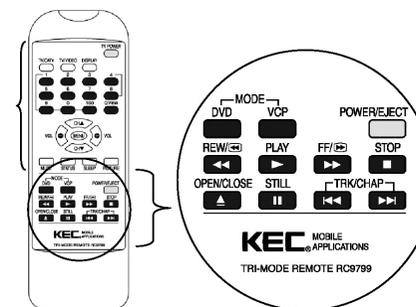
KEC MOBILE APPLICATIONS TRI-MODE REMOTE CONTROLLER # RC9799 (or # RR9799)

The Tri-Mode Remote Controller is packaged with most KEC LCD Systems. In addition to full remote control of the LCD System, it also provides basic remote control commands for our DVD and Videocassette Players.

To control the DVD-3 with the RC9799 (or # RR9799), press the DVD MODE button. To change to VCP control, press the VCP MODE button.

Notes:

- The LCD System control buttons are always available. They are not affected by the DVD/VCP MODE buttons.
- This unit is not a universal remote controller. It is only designed to transmit control codes to KEC Mobile Applications products.



Others



REFERENCE

A NOTE TO INSTALLERS CONCERNING THE KEC R-LINK SYSTEM

Most KEC Mobile Applications video products (TV, LCD, VCP & DVD) employ our R-LINK System. This allows all of our components to be remote controlled even if some of the components are hidden from view.

If you are installing the DVD-3 along with one of our TV's or monitors and one of our VCP's:

1. Connect an R-Link cable from the KEC TV/Monitor to the DVD-3's R-Link Input
2. Connect an R-Link cable from the DVD-3's R-Link Output to the R-Link jack on the rear panel of the KEC VCP.

All KEC components may now be remote controlled by pointing any of the KEC remote controllers at the remote sensor on any of the KEC components.

Please note that since pairs of KEC Mobile Applications Headrest Monitors are designed to be operated independently of each other, they are not equipped with R-Links. Please refer to the installation information accompanying our Headrest Monitor Systems for information on the use of R-Link in conjunction with those systems.