



Always First.

OWNER'S MANUAL



Navigation System

+

DVD Player

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GD-70

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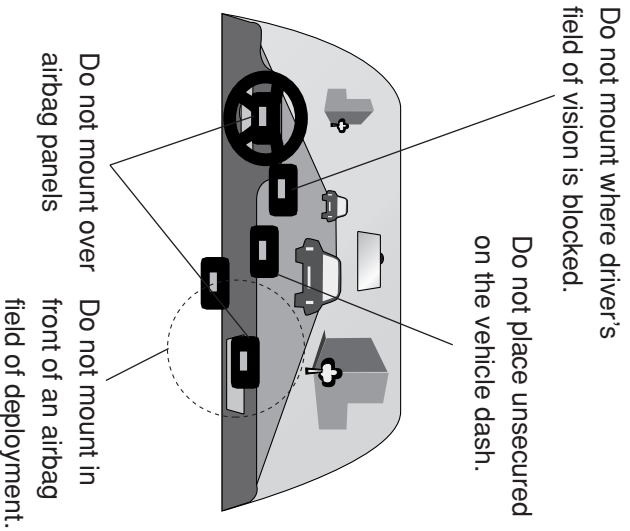
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IMPORTANT INFORMATION

Thank you for choosing the Initial GD-70 for your GPS Navigation needs. The GD-70 is a combination GPS Navigation System and portable DVD player manufactured and distributed by Global Navigation, Inc. under the licensed trademark, Initial. The GD-70 is a full featured GPS Navigation System that uses the latest in satellite technology and detailed street maps from Navteq to guide you through the most complex labyrinth of streets with ease. To get the most value from your new GPS, please take the time required to read through this owner's manual in order to understand all of the GD-70 features.

CAUTION: The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The system is subject to changes that could affect the accuracy and performance of all GPS equipment.

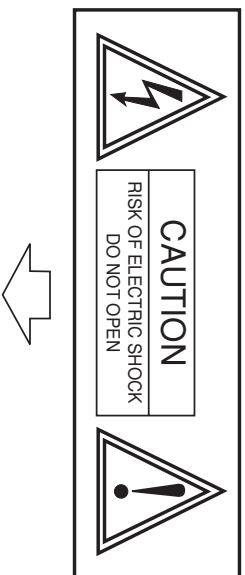
WARNING: When used in a vehicle, it is the sole responsibility of the owner/operator of the GD-70 to place and secure the GPS unit so that it will not interfere with the vehicle's operation controls or safety devices. The operator/owner should mount the GD-70 so it does not obstruct the driver's view of road conditions or cause damage or personal injury in the event of an accident. Do not mount the GD-70 over airbag panels or in the field of airbag deployment. Airbags expand with a rapid force that can propel objects in their path towards the vehicle's driver or passengers in the event of an accident or collision. The mounting hardware provided by Initial is not warranted against collision damage or the consequences thereof.



WARNING: When used in the vehicle, it is the sole responsibility of the driver of the vehicle to operate the vehicle in a safe manner, maintain full surveillance of all driving conditions at all times, and not become distracted by the GD-70. It is unsafe to operate the controls of the GD-70 while you are driving. If the driver of a vehicle equipped with a GD-70 does not pay full attention to the operation of the vehicle and road conditions while the vehicle is in motion they will increase the chances of an accident or collision to happen which may result in damage or personal injury.

WARNING: It is the user's responsibility to use this product prudently. This product is intended to be used only as a travel aid and must not be used for any purpose requiring precise measurement of direction, distance, location, or topography. This product should not be used to determine ground proximity for aircraft navigation.

IMPORTANT INFORMATION



WARNING: The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of a dangerous un-insulated voltage within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock that can cause personal injury.

WARNING: The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions with in the literature accompanying the product.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Please keep the apparatus away from containers or glasses that contain any type of liquid and away from any other type of dripping or splashing liquids.

CAUTION: To prevent electric shock, be careful when inserting the plug into a power outlet. Make sure to match the wide blade of the plug to the wide electrical socket port, then fully insert plug.

CAUTION: The unit employs a laser system. If the unit requires servicing, contact the seller or our service center- see troubleshooting. To prevent direct exposure to laser radiation, do not open cabinet. If the cabinet is tampered with in any way you may be exposed to invisible laser radiation. The laser may be dangerous if stared at, so please avoid making eye contact with the laser. Use of any controls, adjustment, or procedures other than those specified herein may result in hazardous radiation exposure.

WARNING: Any change or modification to the unit, not expressly approved by **Initial** or its authorized parties, could void all warranties included with this unit.

IMPORTANT SAFETY INSTRUCTIONS

1. To ensure the proper use of the unit, read this manual carefully and keep it for future reference.
2. Heed all warnings.
3. Follow all instructions.
4. Do not use this apparatus near water or moisture.
5. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry non-abrasive cloth for cleaning.
6. When installing the unit do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, amplifiers, or any other apparatus that produces heat.
8. Do not modify or change the polarized or grounding-type plug in any way. A polarized plug has two blades with one wider than the other and a grounding-type plug has two blades and a third-grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. This product should be operated only from the type of power source indicated on the rear panel. If you are not sure of the type or voltage of the power output your home sockets are, consult your product dealer or local power company. Only use the power sources included with your unit to power the unit up or any other manufacturer approved power sources.
10. Protect the power cord from being walked on or pinched particularly at the plug, electrical socket, and the point where they exit from the apparatus.
11. This product may be equipped with a polarized alternating-current line plus a plug having one blade wider than the other. Make sure to plug the power source into the wall such that the wide blade of the plug is plugged into the wide side of the electric socket and the small blade into the small side of the electric socket for safety purposes. If you are unable to insert the plug fully into the outlet try reversing the plug. If the plug still fails to fit contact your electrician to replace your obsolete outlet.
12. Only use attachments/accessories specified by the manufacturer.
13. Use only with the cart, stand, tripod, bracket, or table sold with the apparatus or any other manufacturer approved mount.
14. Make sure to use caution when moving combination to avoid tipping the unit over which may cause injury.
15. To prevent electrical shock or other malfunctions unplug the antenna and the power source from unit during lightning storms.
16. An outside antenna system should not be located in the vicinity of power lines, power circuits, or where it can fall into lines or circuits. When installing an outside antenna system, use extreme care to keep from touching such power lines or circuits as contact with them might cause extreme injury.

IMPORTANT SAFETY INSTRUCTIONS

17. Do not overload wall outlets, extension cords, or power strips as this can result in a risk of fire or electric shock.
18. Never insert objects of any kind into this product.
19. In the case of fire or electric shock. Never spill liquid of any kind on the product.
20. Do not attempt to service this product yourself as it should only be opened by qualified service personnel. By opening this product you will void all warranties included.
21. If the unit is malfunctioning unplug this product from the wall outlet and contact qualified service personnel to repair your unit in the following circumstances:
 - a) When the power-supply cord or plug is damaged.
 - b) If liquid has been spilled, or objects have fallen into the product.
 - c) If the product has been exposed to rain or water.
 - d) If the product does not operate normally by following the operating instructions.
 - e) Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal conditions.
 - f) If the product has been dropped or damaged in any way.
 - g) When the product exhibits a distinct change in performance - this indicates a need for service.
22. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
23. Upon completion of any service or repair to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
24. During playback, a few bright or dark flecks may appear on the TFT LCD, this is a normal phenomenon in active matrix display technology, but not a malfunction.

IMPORTANT SAFETY INSTRUCTIONS

POWER SOURCES

The GD-70 power sources are a supplied AC adapter, car adapter, and re-chargeable battery.

1. Make sure that the input voltage of the AC adapter corresponds with the local voltage. Otherwise, the AC adapter and the unit may be damaged.
2. Keep all power sources away from water to avoid electric shock. Never handle any of the power sources with wet hands.
3. When connecting the unit with the car adaptor, be sure the input voltage of the adaptor is identical with car voltage.
4. Unplug the AC adapter from the outlet or remove the re-chargeable battery when the unit will not be used for a long time.
5. Hold the plug when disconnecting a power source from an electrical socket, do not pull the power cord.

ON PLACEMENT

Avoid placing the unit in the following places.

1. Under direct sunlight or near a source of heat such as a heater. Never leave the unit in a closed automobile, on a dashboard or a parcel shelf. Excess heat may deform the cabin or cause the unit to malfunction.
2. Where it is very dusty or sandy.
3. Wet or humid places, such as the bathroom.
4. Very close to sources of strong magnetism such as a television, a speaker, or a magnet.
5. Where there is a lot of movement or vibration, such as on a car dashboard or an unstable shelf.
6. Where it is extremely hot or cold.
7. Where the unit is exposed to rain or moisture.

FOR SAFETY

1. Any service or repairs should be done by qualified service personnel.
2. Unplug the power source if liquid or other small objects get inside the unit causing it to malfunction.
3. Handle the unit with care, over excessive vibrations or shocks can damage the unit.

Note: When unit is in use for a long period of time, the surface of the unit will become warm.

This should not affect the unit's ability to operate normally.

MAINTENANCE FOR PICKUP

1. If the unit is suddenly moved from a cold place to a warm place and experiences a rapid temperature change, or the unit is put in a humid place, moisture will condense on the pickup lens and result in malfunctions or playback distortions. If your unit experiences any playback distortions, remove the disc and leave the unit on for about one hour to evaporate the moisture.
 2. Keep your pickup lens clean by keeping the disc tray closed after use. If there is dust on the pickup lens, use a cleaning disc to clean any dirt or grime that is on the lens. Please refer to the operation instructions of the cleaning disc you bought when cleaning the lens with a cleaning disc.
- ## **WHEN USING HEADPHONES**
1. Before turning the unit on make sure that the volume level is set to the lowest level then adjust to your preference once the unit is on. A sudden increase in volume when listening to the unit through headphones may damage your hearing.
 2. Never wear headphones when driving or riding a bicycle to avoid traffic accidents.

STANDARD PACKAGE

Before getting started with you GPS, check to see that your Initial GD-70 package includes the following items. If you are missing any parts, please contact your Initial dealer immediately.

- GD-70 Unit
- Owner's Manual
- Warranty Card
- Remote Control
- AV Input cable
- Map data disc
- Car power adapter
- 120V AC power adapter
- Re-chargeable battery

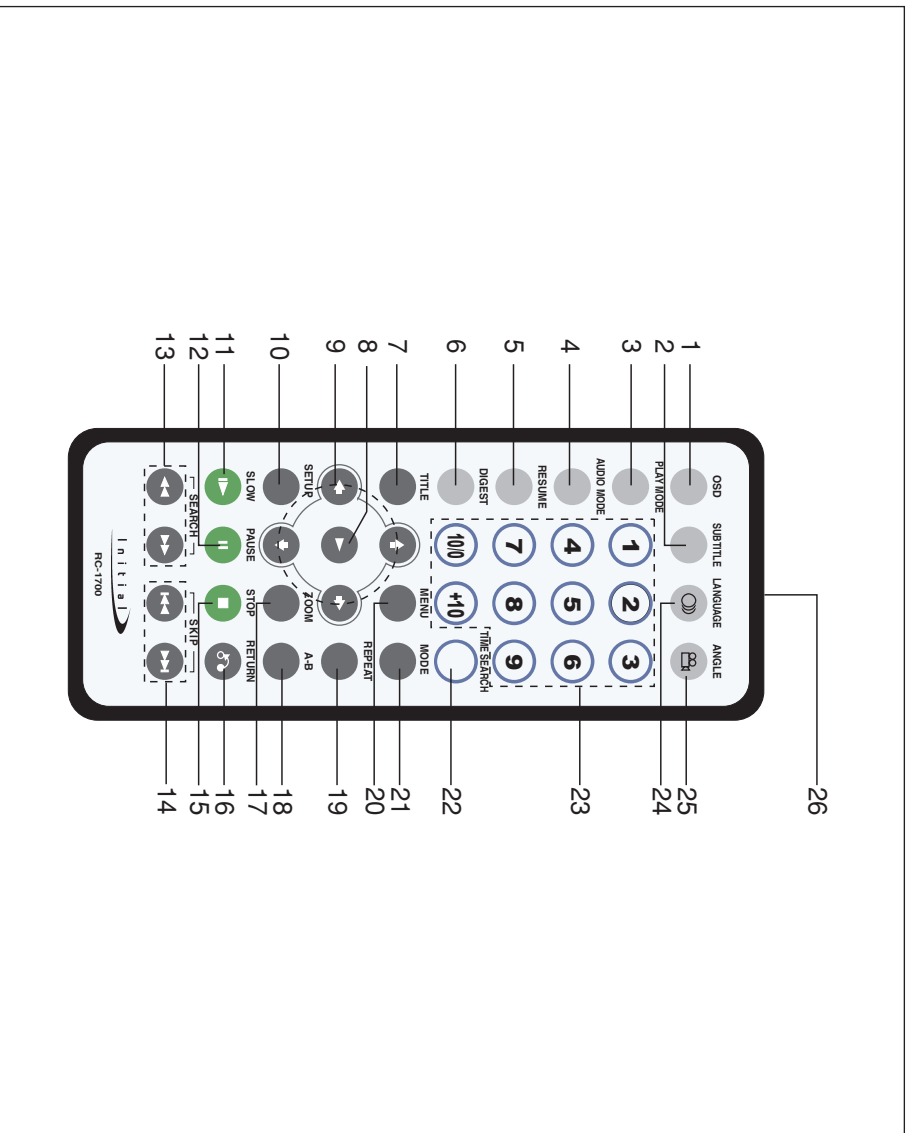
GD-70 UNIT



- | | |
|--------------------------------|-----------------------|
| (1) TOUCH SCREEN* | (10) DVD/AV |
| (2) BUILT-IN GPS ANTENNA | (11) INDUCTOR |
| (3) EXTERNAL GPS ANTENNA INPUT | (12) REMOTE SENSOR |
| (4) SD CARD SLOT | (13) DC IN |
| (5) POWER ON/OFF | (14) AV IN |
| (6) GPS RESET | (15) AV OUT |
| (7) MAP | (16) HEADPHONE 1 |
| (8) MENU | (17) HEADPHONE 2 |
| (9) SETUP/VOLUME | (18) SPEAKERS |
| | (19) CHARGE INDICATOR |

*Tip1 : Before the unit starts up completely, do not touch the TOUCH SCREEN. Otherwise, the touch screen may fail in function.

REMOTE CONTROL (Only for DVD Control)



- | | |
|-----------------------------|-------------------------|
| (1) OSD (On Screen Display) | (15) STOP |
| (2) SUBTITLE | (16) RETURN |
| (3) PLAY MODE | (17) ZOOM |
| (4) AUDIO MODE | (18) A-B REPEAT |
| (5) RESUME | (19) REPEAT |
| (6) DIGEST | (20) MENU |
| (7) TITLE | (21) MODE |
| (8) PLAY | (22) TIME SEARCH |
| (9) DIRECTION BUTTONS | (23) NUMBER BUTTONS |
| (10) SETUP | (24) LANGUAGE |
| (11) SLOW | (25) ANGLE |
| (12) PAUSE | (26) REMOTE TRANSMITTER |
| (13) FF/FR SEARCH | |
| (14) PREV/NEXT SKIP | |

CONNECTION

Connect to Car Power



Connect to External GPS Antenna (optional)



BASIC OPERATION

Turn On the Power

1. Slide the **POWER** switch to ON.
2. There will be a “Warning” page displayed.
3. Tap **Accept** on the screen or press **PLAY** button on the remote control, the system will be initialized.

NOTE: When the “Warning” page displayed, if there is no operation in 3 minutes, the unit will turn off automatically.



MAP: In other mode, press it to change to Navigation mode; in Navigation mode, press it to display Map screen.

MENU: In Navigation mode, press it to display Navigation Main menu; in DVD mode, press it to display DVD disc menu.

SETUP: Press to display a setup menu, which can be used to adjust the volume, brightness, contrast, and etc. (Details referring to page29-33)

DVD/AV: Press it to shift between DVD and AUX mode.

FIRST TIME RUNNING

Map Installation

The device had been installed the **California and Nevada map region** initially, you may need to change the map if your current position is not in **California and Nevada**.

1. Turn on the device and go to “Main Menu”



This function is allowed user to transfer the map from disc to internal memory, it will take 10 minutes to 20 minutes depends on the map size.

2. Place the map data disc into the device, tap “**Change Map**”.

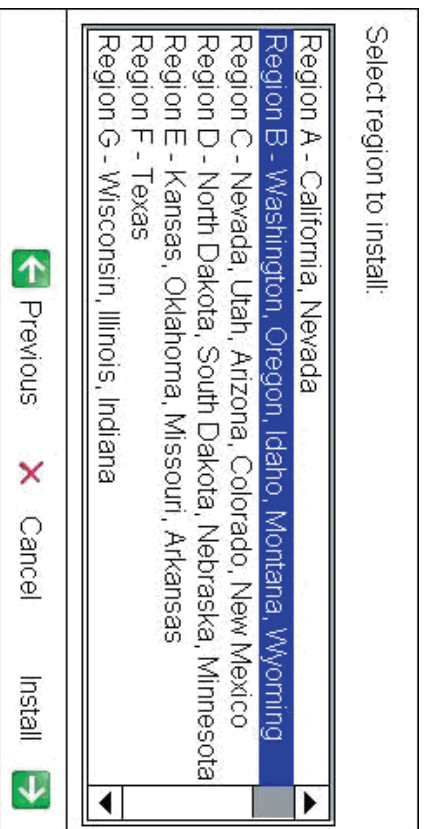


3. After the device has found the disc, Tap **Next** to continue.
4. If it is not the correct disc (map data disc), the system will keep waiting.

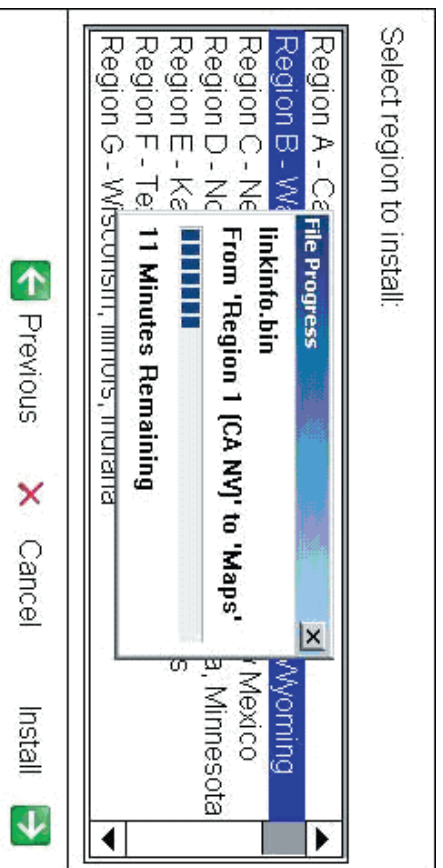


FIRST TIME RUNNING

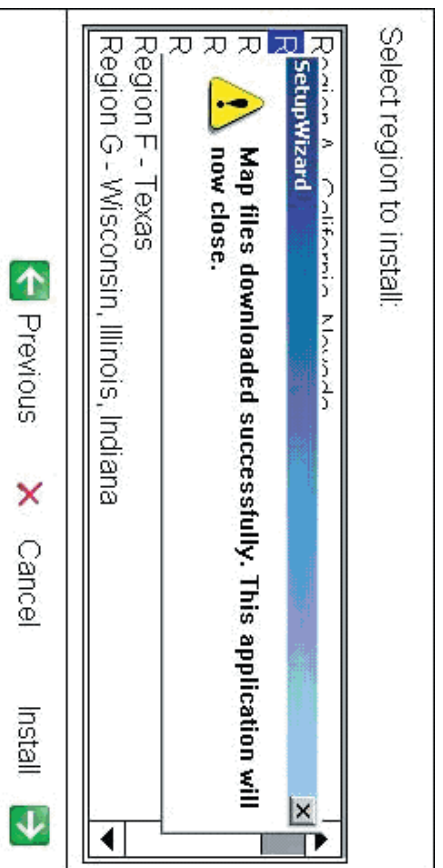
5. Select a region from the list, then tap **Install**.



6. System start to copy files, it may take 10 to 15 minutes. Neither shut down the system nor take out the disc, when copying files.

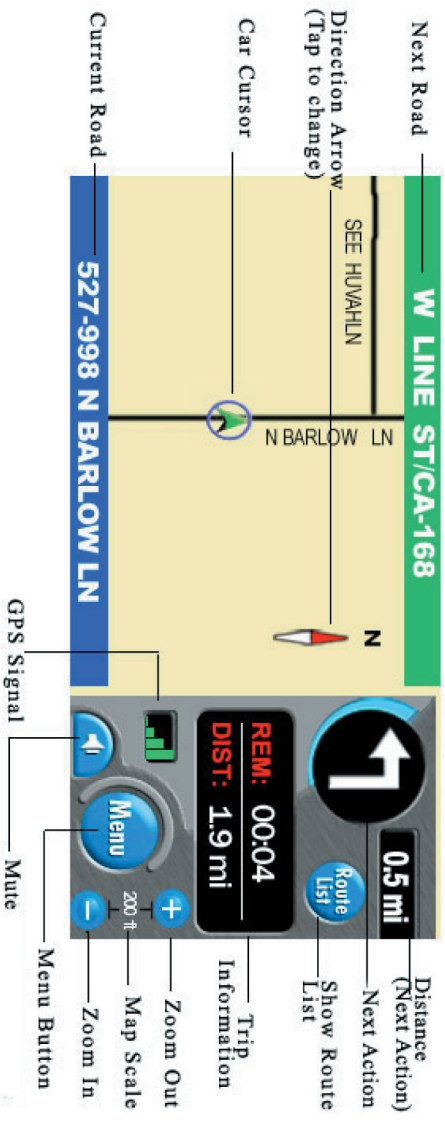


7. After the map files has been copied successfully, close the pop-up window, main program will run.

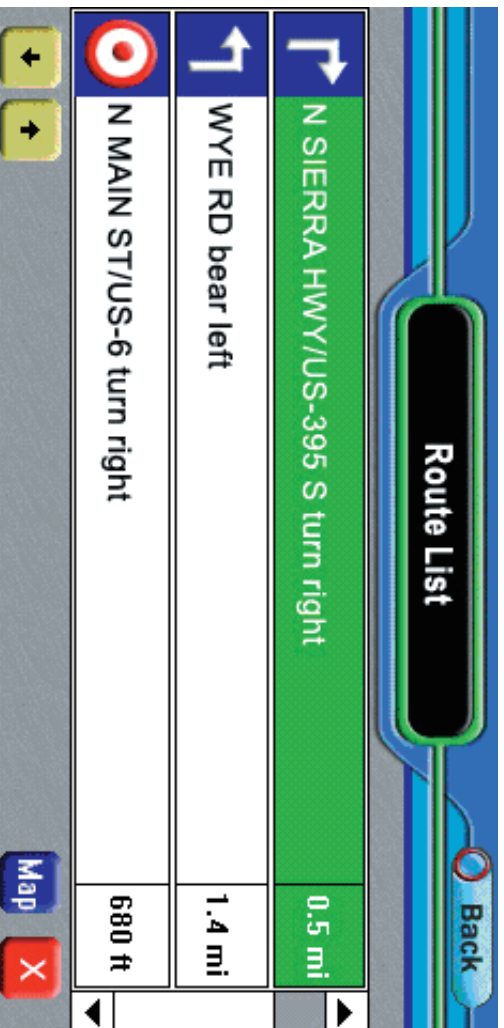


NAVIGATION OPERATION GUIDE

Map Screen



- Tap **Route List** to show route list.



NAVIGATION OPERATION GUIDE

- Tap **GPS Signal** to Show the GPS satellites information, the system needs 4 satellites to start navigation.



NAVIGATION OPERATION GUIDE

Main Menu

Most functions can be accessed by Main Menu.

- Tap Menu to show main menu. (See below)



Destinations

Allow users to enter a destination by address, by intersection, by POI, by favorites and by recent.



- Entering a destination by Address

For example:

Destination: 1893 Yeager Ave, La Verne, CA

Tap Menu->Destinations->Address

NAVIGATION OPERATION GUIDE



Make sure the state is in CA, if not tap **Change** to change a State.



Tap **City First** to enter city name. Here we input **La Verne**, tap **OK**.

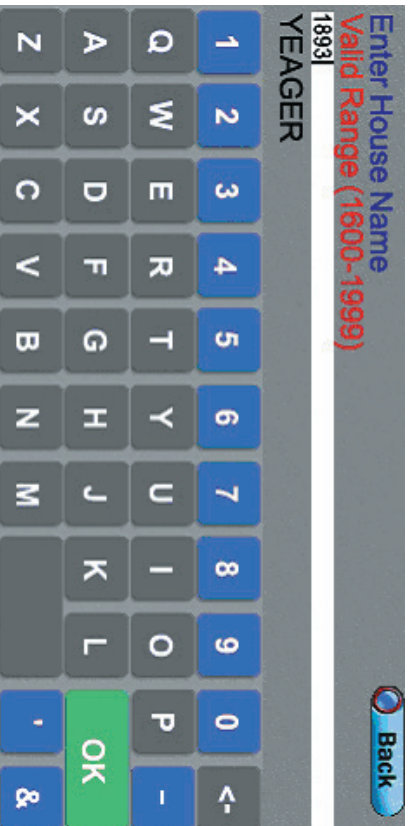


Then enter street name. Here we input **YEAGER**, tap **OK**.

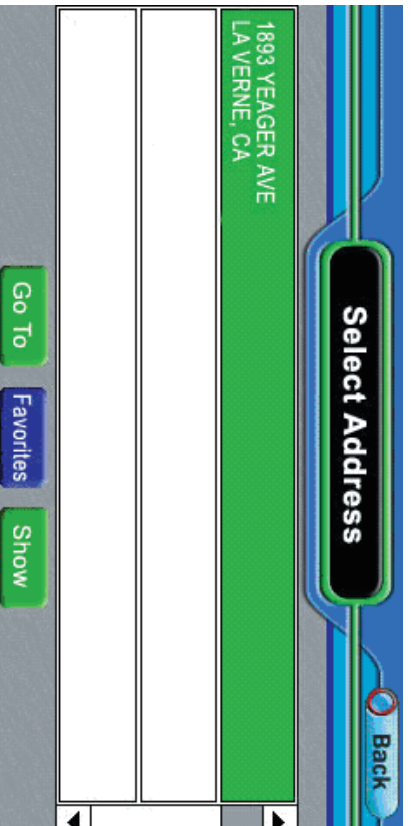
NAVIGATION OPERATION GUIDE



Then enter a valid house number. Input **1893**, tap **OK**.



Finally tap **GoTo** to enter the address.



Tip: Select the address on the match list and tap **Favorites** to enter the address into your Favorites list.

Tip: Select the address on the match list and tap **Show** to see the location on the map before accepting the address.

NAVIGATION OPERATION GUIDE

- Entering a destination by Intersection
 - ◆ Tap **Menu, Destinations, Intersection**
 - ◆ Tap **Change** if you want to change a State.
 - ◆ Tap **Address First** or **City First** to select the input method.
 - ◆ Enter City name if you've selected **City First**, tap **OK**.
 - ◆ Enter Street name and tap **OK**.
- ◆ **Advisory:** Do not enter street type. For Main Street just enter Main.
- ◆ Enter the name of the cross-street and tap **OK**.
- ◆ **Advisory:** Do not enter street type. For Main Street just enter Main.
- ◆ From the match list, select the desired Intersection.
- ◆ Tap **GoTo** to enter the destination.

For example:

Destination: E 132ND ST

S ALAMEDA ST, COMPTON, CA

Tap **Menu->Destinations-> Intersection**

Tap **Change** to change a State. Here we select **CALIFORNIA(CA)**.



Tap **City First** to enter city name. Here to input **COMPTON**, tap **OK**.



Then enter street name. Here we input **132ND**, tap **OK**, then input the 2nd street name **ALAMEDA**, tap **OK**.

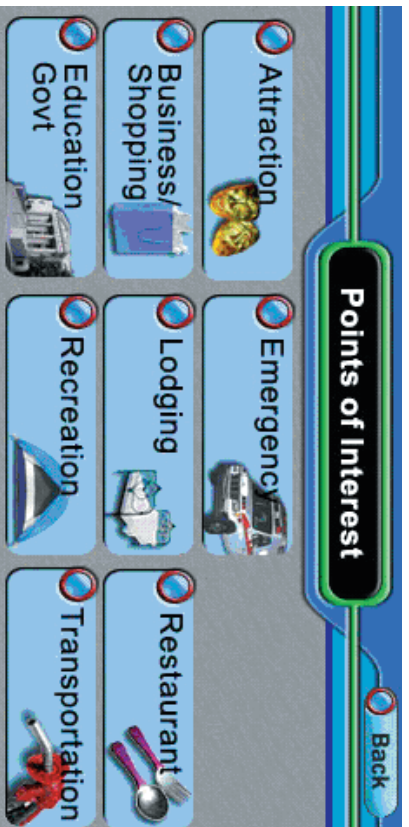
NAVIGATION OPERATION GUIDE



You can also tap **Address First** to enter street name directly. Here we input **132ND**, tap **OK**, then input **ALAMEDA**, tap **OK**.

Finally tap **GoTo** to enter the destination.

- Entering a destination by Points of Interest (POI)



- ◆ Tap **Menu->Destinations-> Points of Interest**
- ◆ Tap one of the categories for Points of Interest.
- ◆ Select **By Distance, Alphabetical, List All** or **By City**

NAVIGATION OPERATION GUIDE



- ☆ If you've selected **By Distance**,
 - > Select a POI
 - > Tap **GoTo** to accept the destination
- ☆ If you've selected **Alphabetical**,
 - > Enter the name of the destination
 - > Select a matching POI destination from the list
 - > Tap **GoTo** to accept the destination
- ☆ If you've selected **List All** or **By City**
 - > Enter the name of city and the name of destination
 - > Tap **GoTo** to accept the destination

For example:

Destination: ACADEMY OF MOTION PICTURE ARTS & SC
BEVERLY HILLS, CA

Tap **Menu**, **Destinations**, **Points of Interest**.



Choose one of the categories for POI, here we tap **Attraction**.

NAVIGATION OPERATION GUIDE



Then tap **Museum**.



Tap **Change** to change a State. Here we select **CALIFORNIA (CA)**.

Tap **By City** to enter city name, input **BEVERLY HILLS**.



Then enter POI name, here we input **ACADEMY OF MOTION PICTURE ARTS & SC.**

NAVIGATION OPERATION GUIDE



If you tap **List All** or **Alphabetical**, directly input or choose the POI name.
If you tap **By Distance**, select a POI from the list.



Finally tap **GoTo** to enter the address.

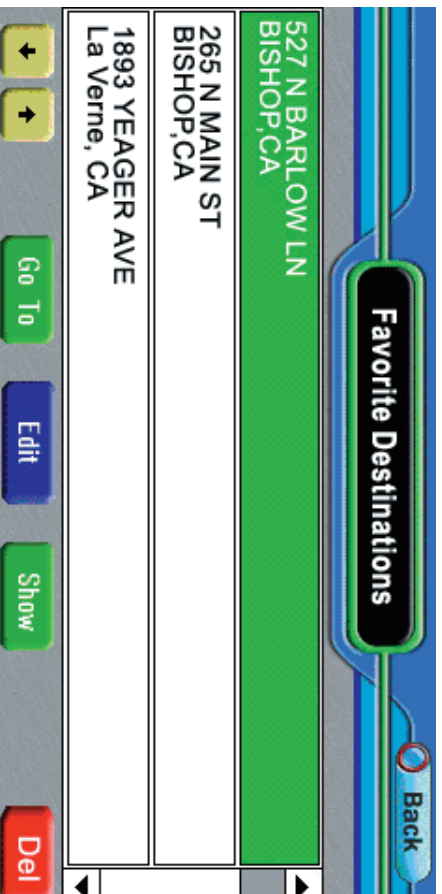
- Entering a destination by Favorites
 - ◆ Tap Menu, Destinations, Favorites
 - ◆ Select the destination
 - ◆ Tap GoTo to accept the destination

For example:

Tap **Menu, Destinations, Favorites.**

Select **1893 YEAGER AVE LA VERNE, CA** from the list if you used to add this destination to your favorites list.

NAVIGATION OPERATION GUIDE



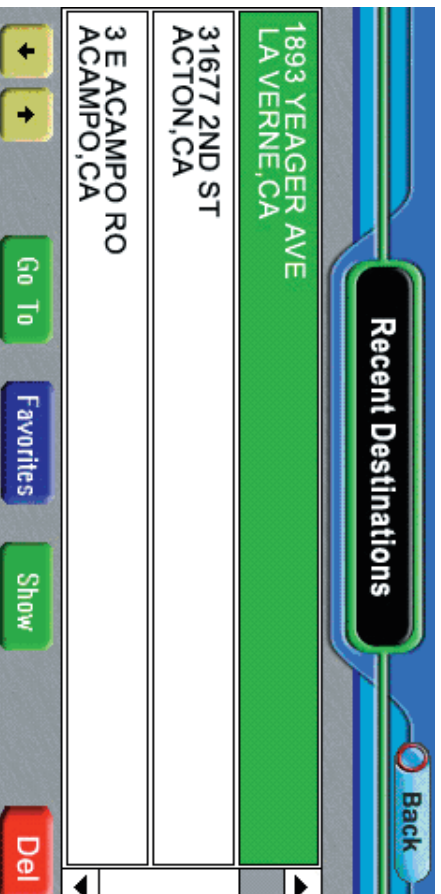
Finally tap **GoTo** to enter the destination.

- Entering a destination by Recent
 - ◆ Tap **Menu, Destinations, Recent**.
 - ◆ Select the destination.
 - ◆ Tap **GoTo** to accept the destination.

For example:

Tap **Menu, Destinations, Recent**.

Then select **1893 YEAGER AVE LA VERNE, CA** from the list.



Finally tap **GoTo** to enter the destination.

Allow users to create a favorite destination, add a label to favorites and quickly select a city.

- **Creating a Favorite Destination**

- ◆ Enter a destination using the Address **see above**.
- ◆ From the match list, tap **Favorites**.
- ◆ Tap **OK**.

- Or -

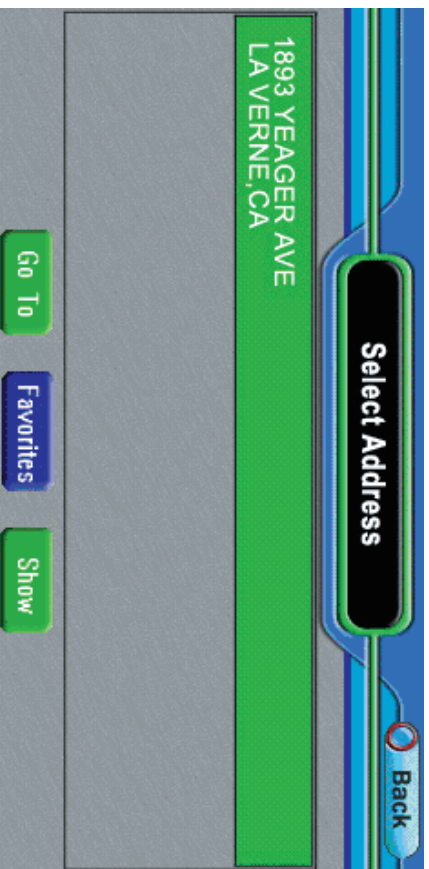
- ◆ Enter a destination using the Address **see above**.
- ◆ Tap **Recent**.

NAVIGATION OPERATION GUIDE

- ◆ Select a destination.
- ◆ Tap **Favorites**.
- ◆ Tap **OK**.

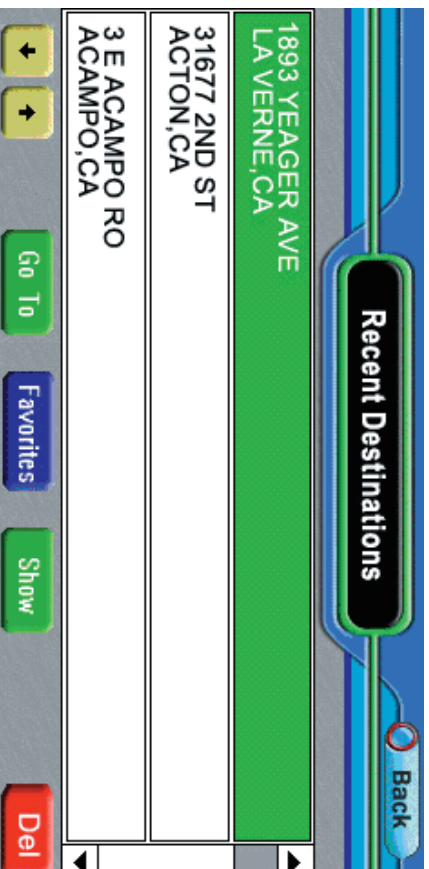
For example:

We have entered a destination (1893 YEAGER AVE La Verne, CA), see above.



Here we select **1893 YEAGER AVE La Verne, CA**, tap **Favorites**, tap **OK**. (Tap **Override** if already exists)

You can also tap **Menu**, **Destinations**, **Recent**.



Select **1893 YEAGER AVE La Verne, CA** from the list, tap **Favorites**, tap **OK**. (Tap **Override** if already exists)

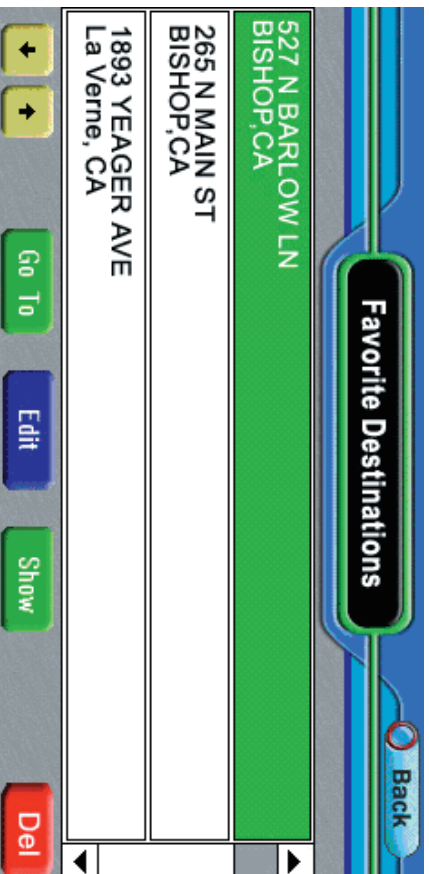
- **Adding a Label to Favorites**
 - ◆ Tap **Menu**, **Destinations**, **Favorites**.
 - ◆ Select a destination.
 - ◆ Tap **Edit**.
 - ◆ Enter a label using the keypad.
 - ◆ Tap **OK**.

For example:

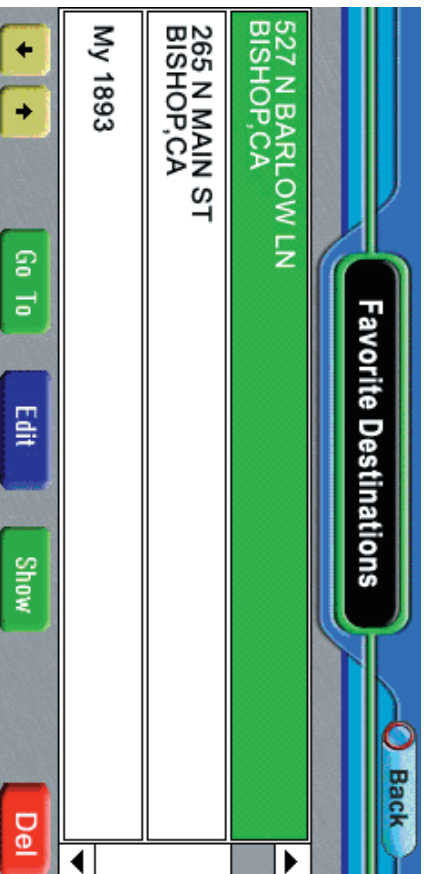
Tap **Menu**, **Destinations**, **Favorites**.

Select a destination. Here we select **1893 YEAGER AVE La Verne, CA**, tap **Edit**.

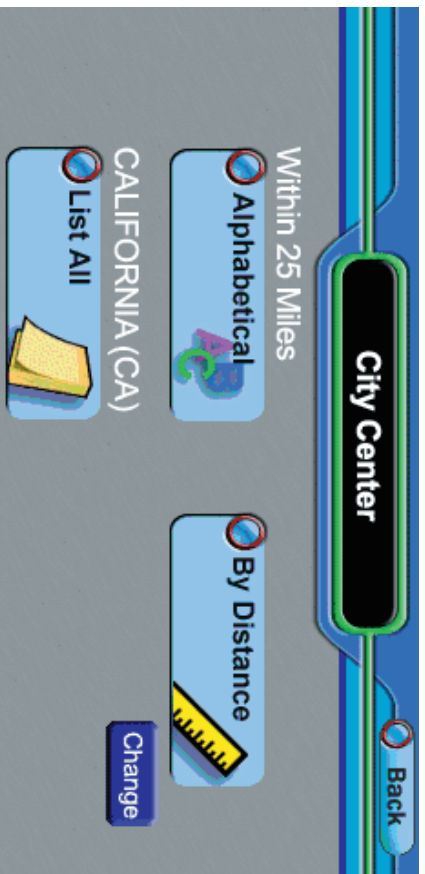
NAVIGATION OPERATION GUIDE



Then input a label as you like, here we input **My1893**, tap **OK**. Now **My1893** is in the list instead of **1893 YEAGER AVE La Verne, CA**.



- Select a city quickly
 - ◆ Tap Menu, Destinations, City Center.
 - ◆ Tap Alphabetical, By Distance or List All to select a city.
 - ◆ Tap Change if you want to change a State.



NAVIGATION OPERATION GUIDE

For example:

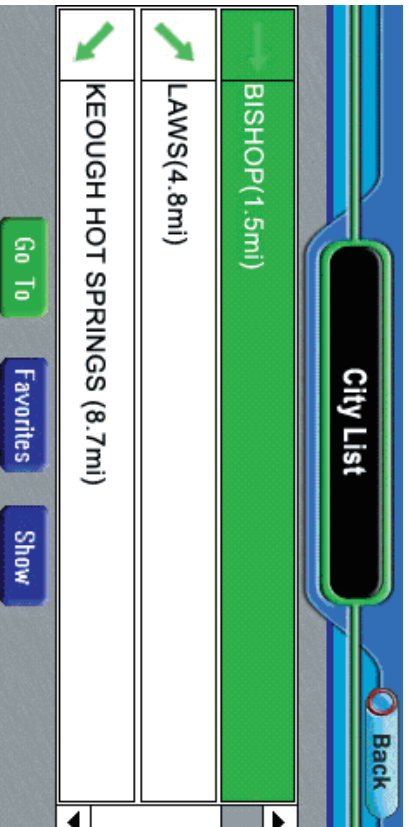
Tap **Menu**, **Destinations**, **City Center**.

Tap **Change** to select a State. Here we select **CALIFORNIA (CA)**. Then

- ◆ Tap **List All**, input **BISHOP**, tap **OK**.



- ◆ Tap **By Distance**, select a destination from the list. Here we select **BISHOP (1.5mi)**.



- ◆ Tap **Alphabetical**, input or select **BISHOP**.



Finally tap **GoTo** to enter the city.

NAVIGATION OPERATION GUIDE

Route Options

Allow users to change route options.

Route Method

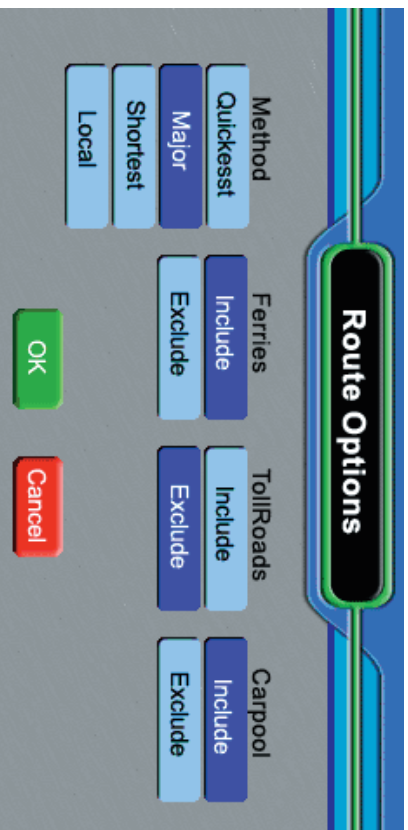
Quickest: System will select quickest roads which will use least time.

Major: System will use major road at most.

Shortest: system will use the least distance roads

Local: system will not use free way.

Include: select condition will be include when calculation the route.



Map View

Return to map screen.

Display Options



Map Orientation: Orients the Map screen so that the driving direction is pointed up or North is always pointed up.

Color Scheme: Sets color scheme to Day or Night mode. Auto setting changes from Day to Night mode automatically at approximately sunrise and sunset.

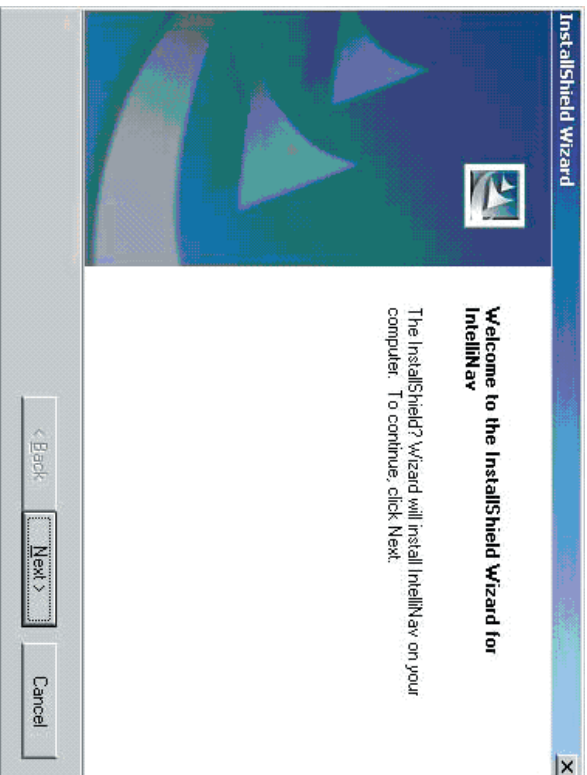
POI Icons: show Points of Interests in the map. Default mode shows, off Users can select desired POI by using Custom

USING YOUR SD CARD FOR ADDITIONAL MAP SPACE

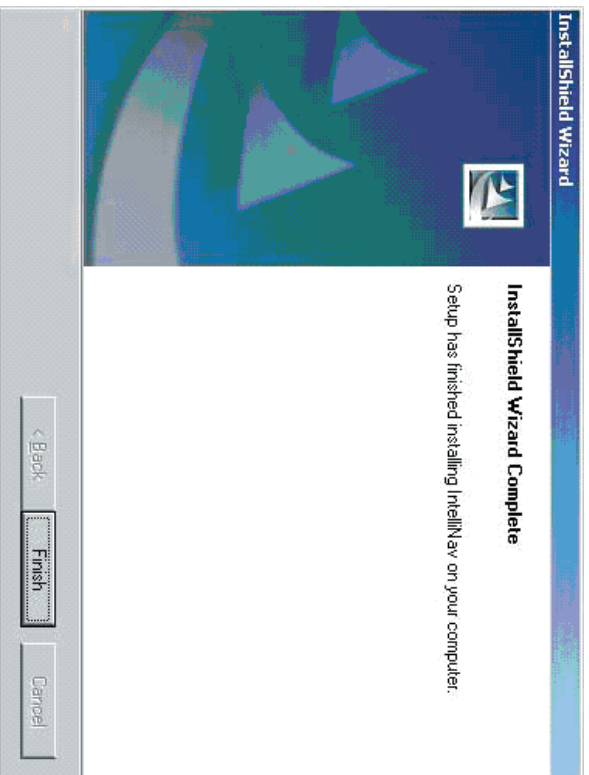
- Please note that, the SD card and the SD card reader are not included in the package, you may find these devices in an electronics retail store. The SD card should contain at least **64MB**.

Install “IntelliNav Map Loader” into PC.

Insert the GPS map data disc into the DVD-ROM drive (in your PC). If the setup program does not automatically start, click Start, Run, then type “H:\setup.exe” where H: is the drive letter of your DVD-ROM, and press Enter. Follow the directions in the ensuing dialog boxes.



- ◆ Follow the software's instructions to install the application.

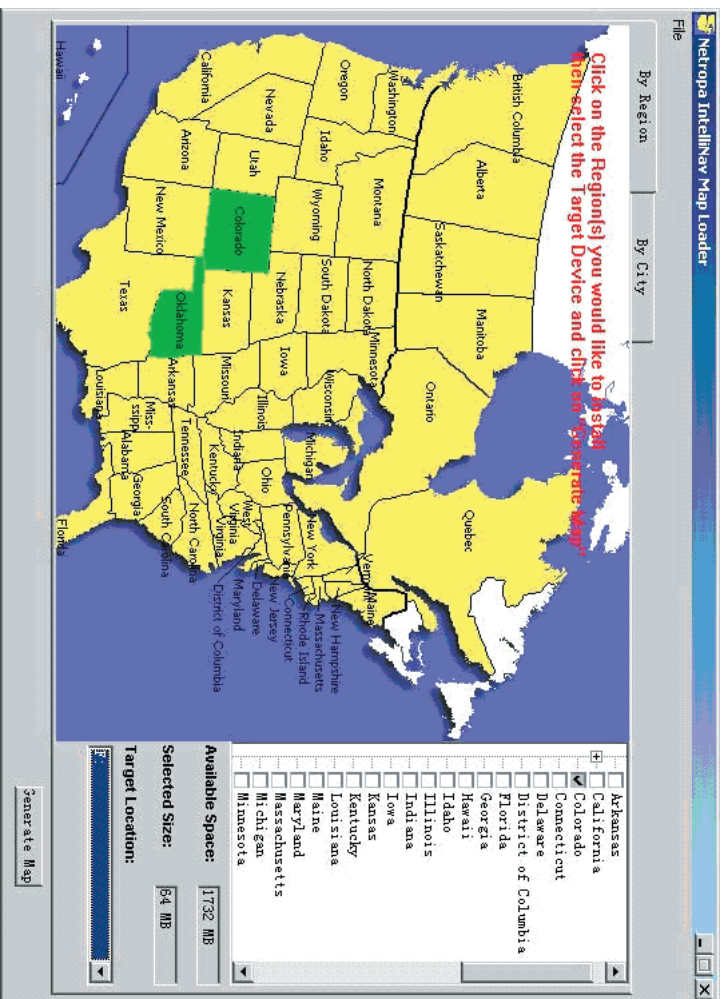


- ◆ Click “Finish”, when the map loader software has been completely installed.

USING YOUR SD CARD FOR ADDITIONAL MAP SPACE

Run the IntelliNav Map Loader.

Tip: There is a shortcut on your desktop.



- ◆ Click on the areas of the map that you want to transfer, also you can choose the regions from the list box. You may specify the path name (i.e. Target Location: F:) for the map data. Then click “Generate Map” and wait a minute.
- ◆ Copy the whole folder (i.e. F:\IntelliNav\Maps) to your SD card.

Restart the Device with SD card

Insert the SD card and restart your GPS device. The GPS system will load the map data from the SD card. Un-plug the device to restart.

Tip: If your SD card is not placed into the device, the GPS system will load the map data from the internal memory.

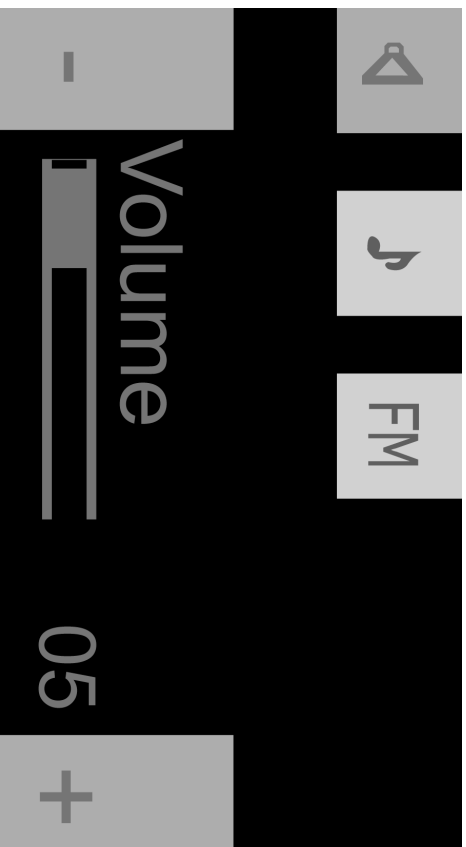
Tip: Use internal memory for local map region, SD card for remote map region.

SETUP

Using the **SETUP** key on the main unit, you can adjust the volume, brightness, contrast, and etc.


1. To adjust the volume:

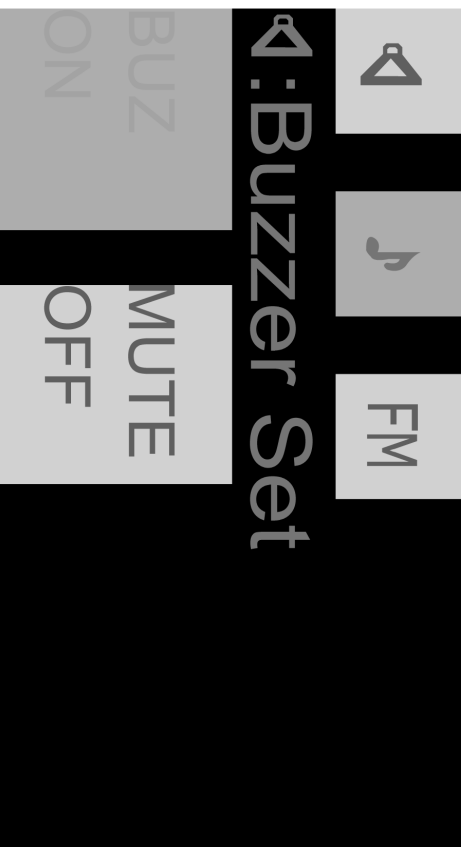
Press the **SETUP** button on the main unit to open the setup menu which is shown below:



Tap + or - on the screen to adjust the volume.

2. To set buzzer or mute on and off:

Tap  on the screen to open the adjustment screen shown below:



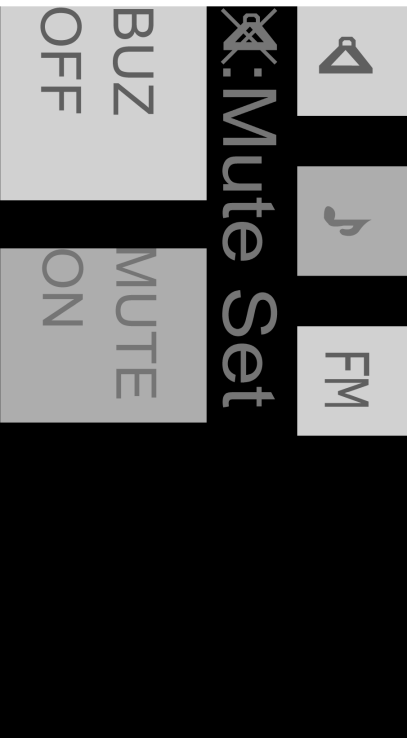
The buzzer is by default set to on and mute is set to off which is shown above.

SETUP

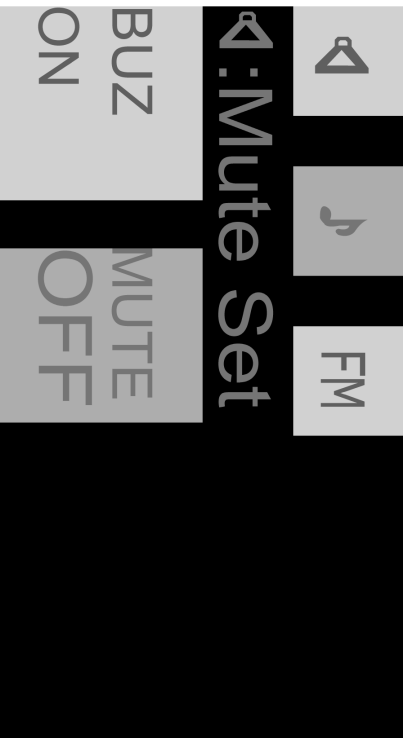
To turn the buzzer off tap the BUZ ON button. After the BUZ button has been tapped the screen should resemble the picture below which states BUZ OFF.



To turn the Mute function on press the MUTE OFF button. After the MUTE OFF button is tapped the screen should resemble the picture below which states MUTE ON. When the mute function is on the GPS unit will not output any sound.



To turn the Mute function off press the MUTE ON button. After the MUTE ON button is tapped the screen should resemble the picture below which states MUTE OFF. When the mute function is off the GPS unit will output sound.

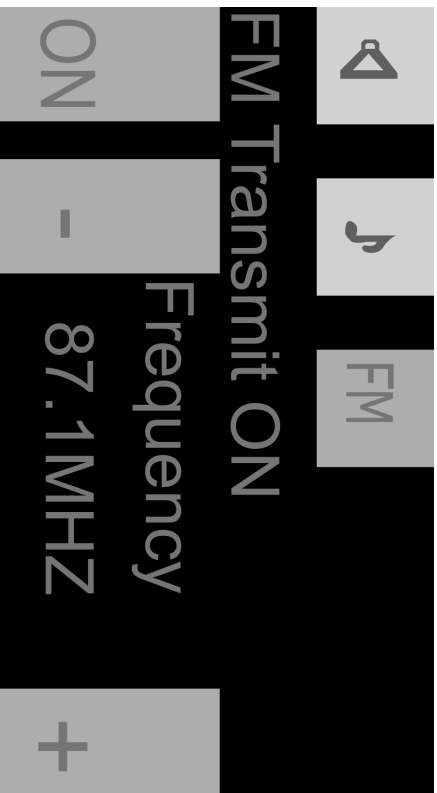


SETUP

3. Using the FM transmitter:

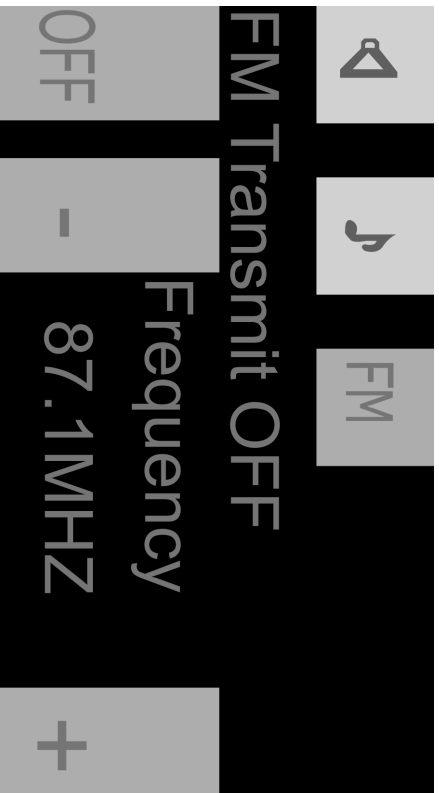
The GD-70 can transmit its audio output to FM frequencies (87.0-108.0MHZ) by using the car radio's FM band to receive the audio signal of the unit.

Tap **FM** on the screen to show the adjustment screen shown below:



Tap **+** or **-** on the screen to increase or decrease the FM frequency. Then tune the car's radio to the same FM frequency.

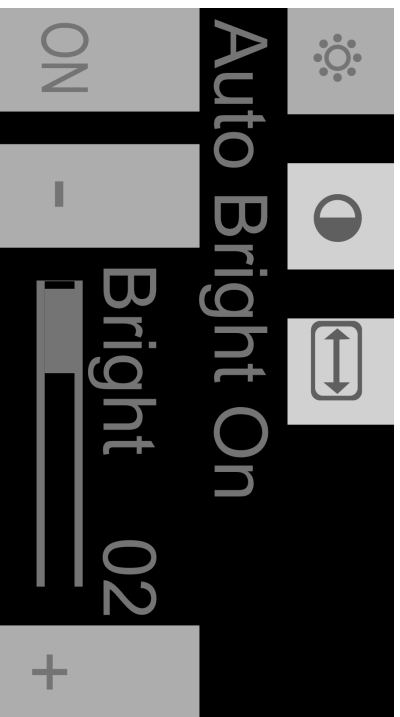
To turn the FM transmitter off tap the ON button and the screen should display the following:



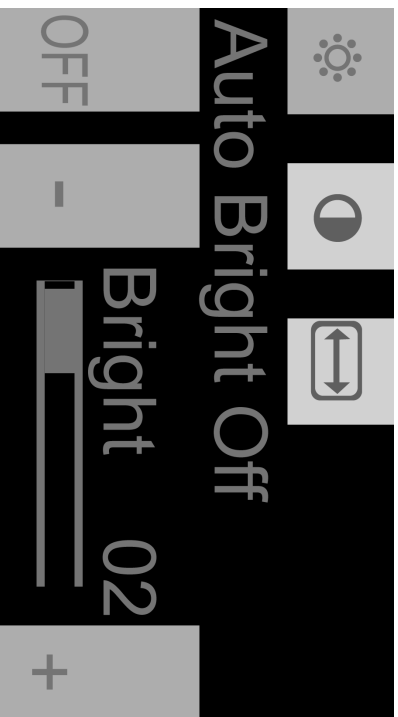
4. To adjust the brightness:

Press the **SETUP** button on the main unit twice, to open the adjustment screen shown below:

SETUP




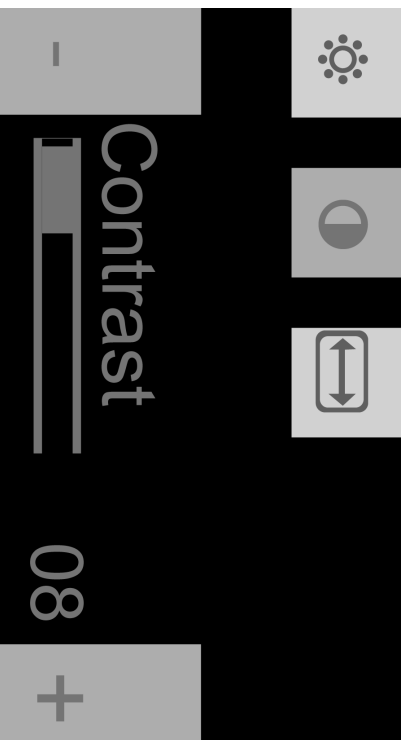
This means the Auto Bright is set on, the brightness will change according to the environment automatically.
To turn the Auto Bright function off tap the ON button.



This means the Auto Bright is off, the brightness will not change according to the environment. Tap + or - on the screen to adjust the brightness.

5. To adjust the contrast:


Tap  on the screen to open the adjustment screen shown below:

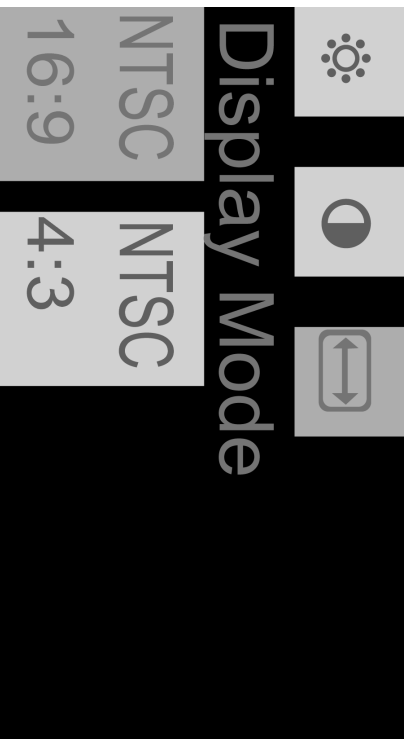


SETUP

Tap + or - on the screen to adjust the contrast.

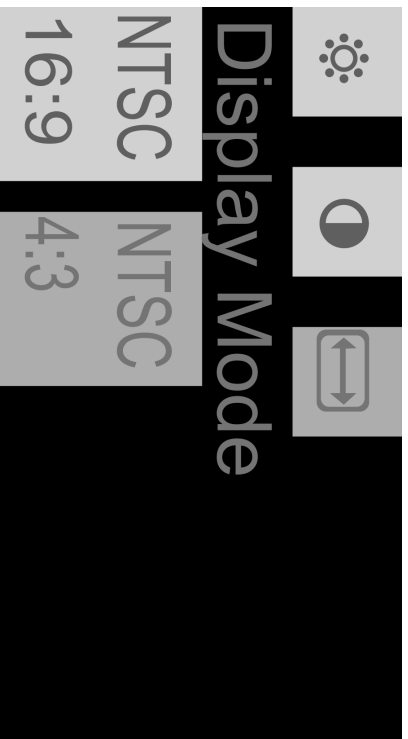
6. To change the display mode:

Tap  on the screen to open the adjustment screen shown below:



This means the display mode is set to 16:9.

Tap change the display mode to **NTSC 4:3** tap the NTSC 4:3 button.



NOTE: You can also press the **MODE** button on the remote control to change the display mode between 16:9 and 4:3.

AUX IN

You can use the GD-70 as an external monitor of your car AV device.

1. Connect your AV device to the GD-70 through the AV IN jack on the side of the GD-70.
2. Press the **DVD/AV** button on the main unit until "AUX" mode is shown. Now the AV signal will output from the screen and the speakers of the GD-70.

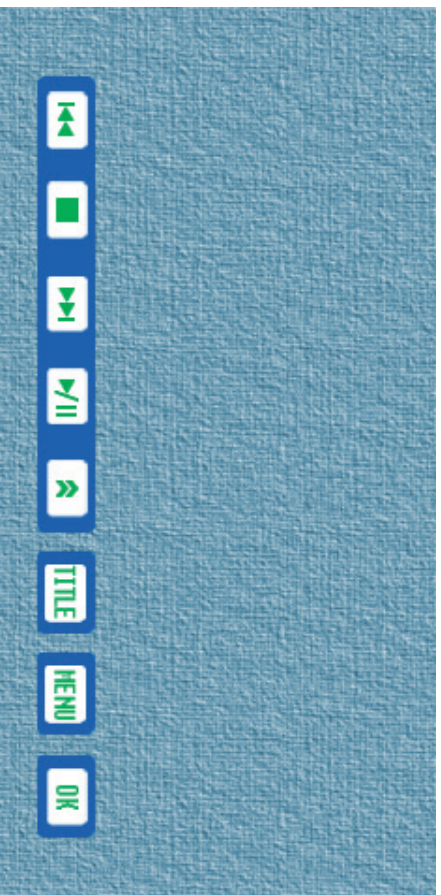
DVD BASIC OPERATIONS


TURN ON THE POWER

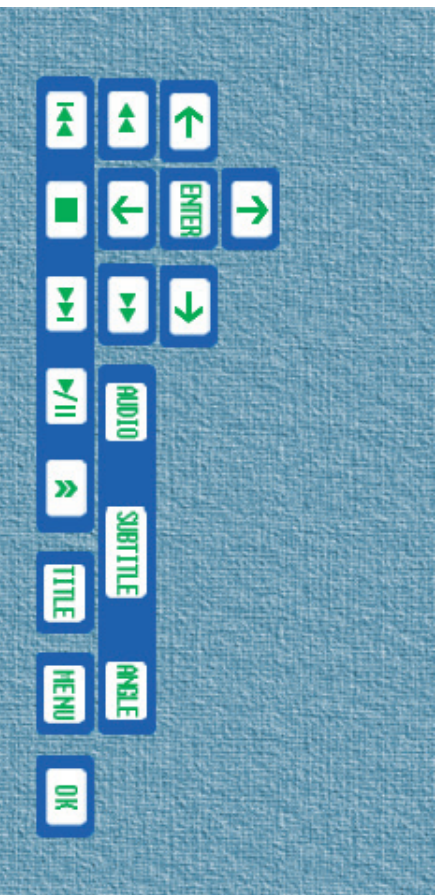
1. Slide the **POWER** switch to ON.
2. There will be a "WARNING" page displayed. Please operate your vehicle responsibly and remember the use of the DVD features of this device in the front compartment of a moving vehicle is strictly prohibited by State Law and can result in a serious or fatal accident.
3. Tap **Accept** on the screen or press the **PLAY** button on the remote control , the system will be initialized.
Press the **DVD/DAV** button on the main unit until "DVD" is displayed on the screen, to enter DVD mode.

DVD Control Bar

1. Load a DVD disc into the GD-70. When loading is finished, touch the lower part on the touch screen to show the DVD control bar as the following:



- The buttons on the control bar are for DVD basic operation, and have the same functions as the same buttons on the remote control RC-1700.
2. Touch  on the screen to show the following screen:

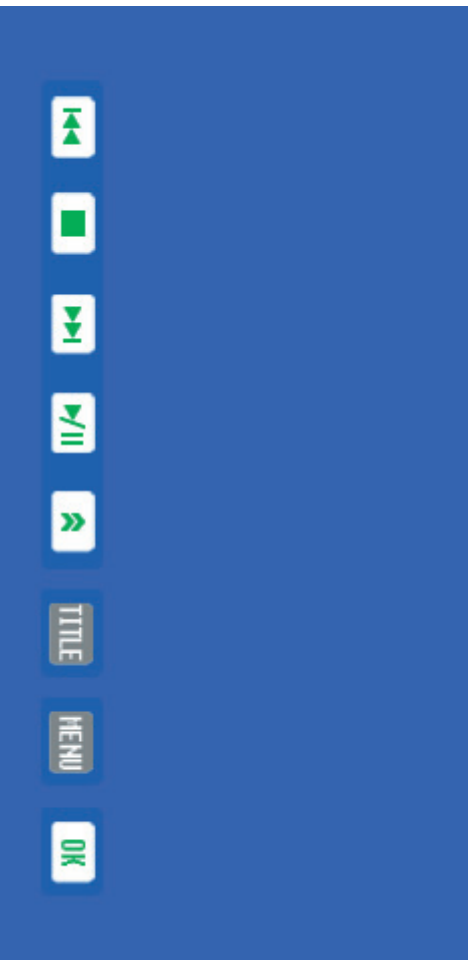


The buttons on the screen have the same functions as the same buttons on the remote control.

DVD BASIC OPERATIONS

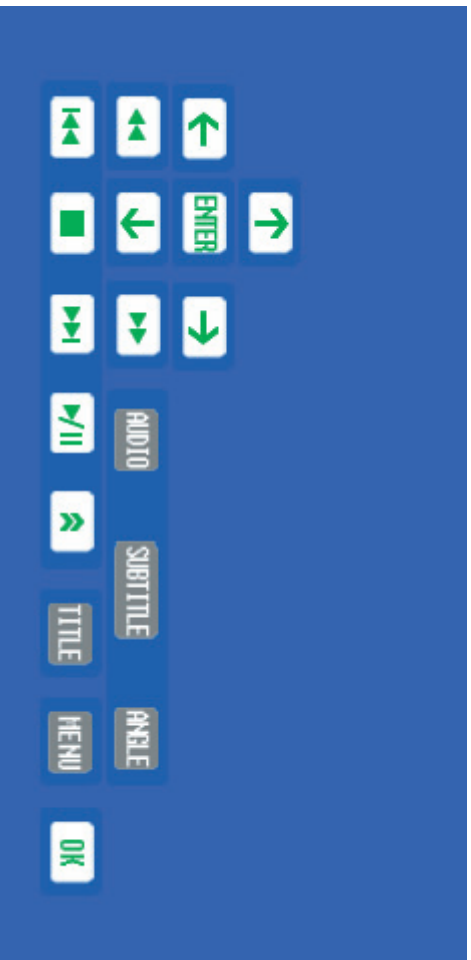
CD Control Bar

1. Load a CD disc into the GD-70. When loading is finished, touch the lower part on the touch screen to show the CD control bar as the following:



The buttons on the control bar are for CD basic operation, and have the same functions as the same buttons on the remote control RC-1700.

2. Touch  on the screen to show the following screen:






The buttons on the screen have the same functions as the same buttons on the remote control.

DVD BASIC OPERATIONS


PLAYING DISCS ,

OSD ,

1. Load a disc and press  (PLAY) to play the disc.
 2. Stop playback.
Press  .
 3. Remove the disc and switch off the unit.
- You have to press this " " button twice to stop the playback of DVD discs.

PAUSE

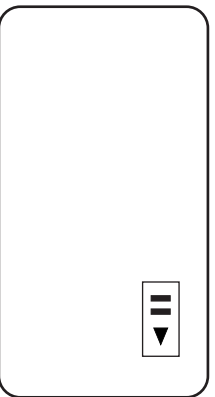


Press  .

• WHEN PLAYING PICTURES

When the DVD image is in play mode, press  to make playback pause.



The unit enters step play status. Each time you press  , the picture advances one frame.





• WHEN PLAYING MUSIC CD


Press  to make playback pause.

Press  (PLAY) to resume playback.

The On-Screen Display (OSD) contains many playback features. To see the Display, press the **OSD** button on the remote while a disc is playing. The Display appears across the top of the screen. Each feature is illustrated with an icon. Use the  or  buttons on the remote to move through the different icons in the Display.

When an icon is highlighted, use the  or  buttons on the remote to scroll through the choices displayed in the text box under the icons.

Remember, you can only access the Display when you're playing a disc. Also, the Display features are only available if the disc was created with that particular feature (i.e., if you select the Subtitle icon, you won't be able to change the subtitle language unless the author of the disc created the disc with subtitles).

The invalid symbol " " appears on the screen when you press a button that doesn't have any function. If one of the icons is "grayed out", that Display feature isn't available for the disc you're playing. To make the Display disappear from the screen, press **OSD** on the remote.

WHEN PLAYING DVD

DVD discs have the following playback features: Title, Chapter, Audio, Subtitle, Angle and Repeat.



DVD BASIC OPERATIONS

■ Select a Title

Some discs contain more than one title. For example, there might be four movies on one disc (each movie might be considered a title).

Each title is divided into chapters. To select a title:

1. While the disc is playing, press **OSD** on the remote to bring up the Display.
2. If the Title icon on the Display isn't highlighted, use the ◀ or ▶ buttons to highlight it.
3. Press the ▲ or ▼ buttons to go to the next or previous title.

Note: Some discs only have one title.

■ Select a Chapter

Because DVD discs use digital technology, a title can be divided into individual chapters (similar to tracks on a CD). You can skip to a specific chapter by using the Chapter feature in the Display.

1. While the disc is playing, press **OSD** on the remote to bring up the Display.
2. Press the ▶ or ► buttons to highlight the Chapter icon.
3. Press the ▲ or ▼ buttons to go to the next or previous chapter.

Notes: The chapter feature won't work if the disc isn't formatted with separate chapters.

You can also advance to the next chapter by pressing ▶| on the remote and go to the preceding chapter by pressing ◀| on the remote.

■ Changing the Audio Language

If the disc was created with different language tracks (recorded in different languages), you can use the Display to temporarily change the DVD player's Audio Language setting.

1. While the disc is playing, press **OSD** on the remote to bring up the Display.
2. Press the ◀ or ▶ buttons to highlight the Audio icon. The current audio language appears in the text box below the row of icons.
3. Press the ▲ or ▼ buttons to scroll through the audio languages that are available on the disc until the audio language you want to use appears in the text box. Audio will be played in that language.
4. To make the Display disappear, press the **OSD** button on the remote.

Note: The language feature only works if the disc was created with multiple audio tracks. When you choose an audio language from the Display, you only override the audio language setting in the DVD player's main menu temporarily.

The audio language can also be changed through the DVD player menu.

■ Selecting the Subtitle Language

If the disc was created with subtitles, you can use the Display to change the Subtitle language.

DVD BASIC OPERATIONS

1. When the disc is playing, press **OSD** on the remote to bring up the Display.
2. Press the ◀ or ▶ buttons to highlight the Subtitle icon.
3. Press the ▲ or ▼ buttons to scroll through the subtitle languages that are available on the disc until the subtitle language you want to use appears in the text box. The subtitles will be shown in that language.
4. To make the Display disappear, press the **OSD** button on the remote.

Notes: Changing the subtitle language with the Display will only affect the disc currently being played. When the disc is removed or the player is turned off, the subtitle language will revert to the language setting specified through the DVD player main menu. The subtitle language can also be changed through the DVD player menu.

■ Changing the Camera Angle

Some discs contain multiple angles of a particular scene or sequence. If the disc only has one angle, this feature won't work. When multiple angles are available, to change the camera angle:

1. When a disc is playing, press **OSD** on the remote to bring up the Display.
2. The Angle icon will display the number of angles available. For example, if there are 3 different angles, the icon will read 1 of 3. This means angle 1 is currently being played.
3. Press the ▲ or ▼ buttons to scroll through the angle choices. The angle number displayed in the text window is automatically shown.
4. To make the Display disappear, press the **OSD** button on the remote.

■ Using the Repeat Feature

The default mode for the Repeat feature is off. There are three Repeat options:

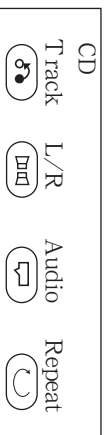
- All-repeats the disc that is playing
 - Title-repeats the title that is playing
 - Chapter-repeats the chapter that is playing
- To Use Repeat:**
1. While a disc is playing, press **OSD** on the remote to bring up the Display.
 2. Highlight the Repeat icon.
 3. Press the ▲ or ▼ buttons to scroll through the Repeat options until the Repeat option you want is displayed in the text box.
 4. The selected repeat option will loop repeatedly until you turn Repeat off.

How to Cancel Repeat:

- There are three ways to cancel Repeat:
- Press **STOP** twice.
 - Go to Repeat icon in the Display and select Off.
 - Eject the disc.

WHEN PLAYING CD

CD discs have the following playback features: Track, L/R, Audio (not available) and Repeat.



■ Select a Specific Track

1. While the disc is playing, press **OSD** on the remote to bring up the Display.
2. Highlight the Track icon.
3. Press the ▲ or ▼ buttons to scroll through the track numbers.

■ Changing the Audio Channel Output

- If you are playing a Stereo CD, you can change the channel output from the player.
1. Press **OSD** on the remote to bring up the Display.
 2. Highlight the L/R icon on the Display.
 3. The audio channel choices appear in the text box. Press the ▲ or ▼ buttons to

DVD BASIC OPERATIONS

scroll through the choices: LEFT MONO, RIGHT MONO , MIXED MONO or STEREO. Whatever choice is displayed becomes the active choice.

■ Using the Repeat Feature

The default mode for the Repeat feature is off. There are two Repeat options for CDs:

- All-repeats the disc that is playing
- Track-repeats the track that is playing

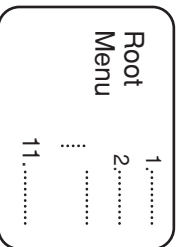
To Use Repeat:

1. While a disc is playing, press **OSD** on the remote to bring up the Display.
2. Highlight the Repeat icon.
3. Press the **▲** or **▼** buttons to scroll through the Repeat options until the Repeat option you want is displayed in the text box.
4. The selected repeat option will loop repeatedly until you turn Repeat off.

DVD MENU PLAY

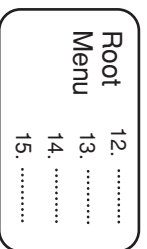
some DVDs have title menus and chapter menus.

Press **►** (PLAY), the screen shows the menu. Press **►▶** or **◀▶** to skip the next or previous page, select with number buttons or direction buttons.



Example: select track 13.

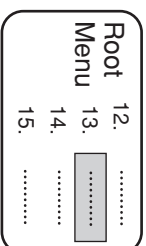
1. Press **►▶** to enter the next menu.



2. Press number buttons to select directly.

You can also do as follows:

1. Press **▼** to select track 13.



2. Press **►** (PLAY) to start playing track 13.

Press **TITLE** once to return to the title menu.
Press **MENU** once to return to the root menu.

SELECT WITH NUMBER BUTTONS

Load a disc. Press number buttons to select tracks after the unit finishes reading the disc.

1. If the track number isn't over 10, just push buttons 1-10.

Example: push **8** to select track 8.

The screen shows:



2. If the track number is over 10, press **+ 10** once and a button among 1-10.

Example: if you select track 12, press **+10** once and button **2** .

The screen shows:



DVD FUNCTION SETTING

MENU SETTING



According to the recorded information and external equipment, set the following functions for the player to obtain the best playing status.

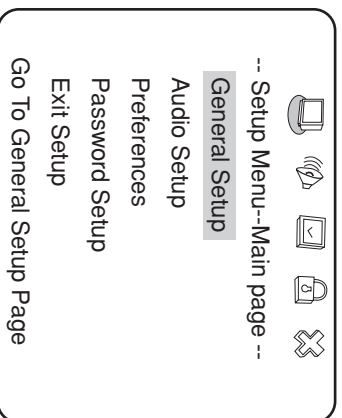
1. Press **SETUP** to set the main menu.

SETUP



The main menu appears on the screen, with icons across the top of the screen, illustrating General Setup, Audio Setup, Preference, Password Setup, and Exit.

The screen shows:

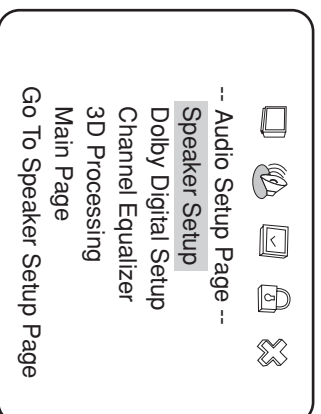


2. Press direction buttons (**▼** or **▲**) to select and press **▶** (PLAY) to confirm.

Example: Select "Audio Setup" and do some setup.

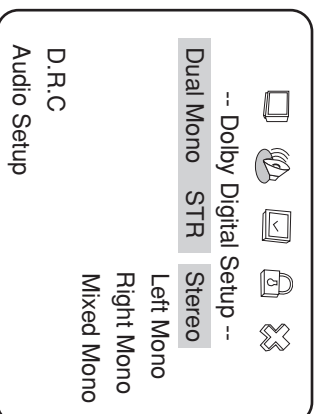
- Press direction button **▼** to highlight "Audio Setup", press **▶** (PLAY) to enter "Audio Setup Page".

The screen shows:



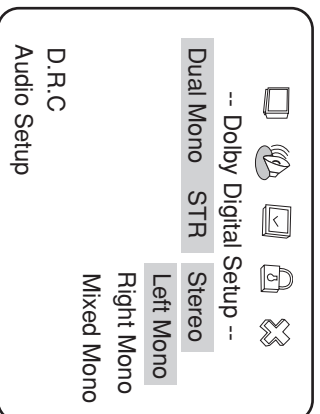
- Press direction buttons (**▼** or **▲**) to highlight "Dolby Digital Setup", and press **▶** (PLAY) to enter "Dolby Digital Setup" Page. The screen shows the submenu for your selection.

The screen shows:



- Press direction buttons **▶**, **▼** to select "Left Mono".

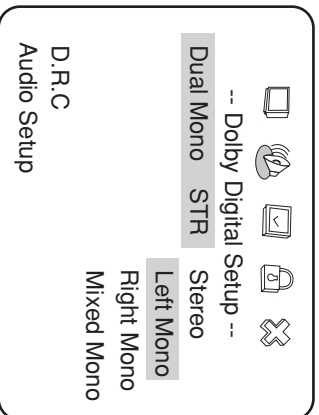
The screen shows:



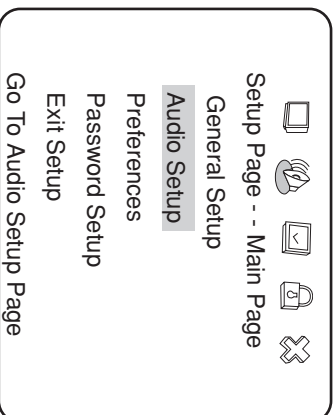
DVD FUNCTION SETTING

- Press **▶** (PLAY) to confirm your selection. Set "Dual Mono" in "Dolby Digital Setup" to "Left Mono".

The screen shows:



3. Exit setup menu.
 - Press the direction button **▶** to exit from "Dual Mono".
 - Press the direction button **▶** to exit from "Dolby Digital Setup".
 - Press the direction button **▼** to highlight "Main Page" and press **▶** (PLAY). The screen shows:

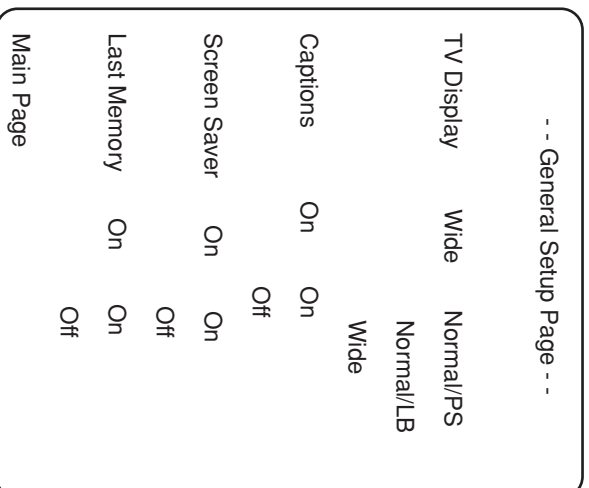


- Press the direction button **▼** to highlight "Exit Setup" and press **▶** (PLAY) to exit setup menu completely.

NOTE: You can also keep pressing the direction button **▶** until the cursor is moved to the last icon illustrating Exit, then press the **▶** (PLAY) button to exit setup menu completely.

GENERAL SETUP

The setting structure is as follows:

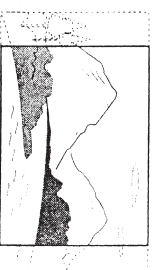


TV DISPLAY

1. NORMAL/PS

This is selected when the unit is connected to a normal TV.

Wide-screen images are shown on the screen, but with some parts cut automatically.



DVD FUNCTION SETTING

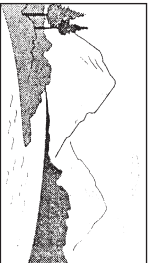
2. NORMAL/LB

This is selected when the unit is connected to a normal TV. Wide-screen images are shown on the screen, with black belt on the top and bottom.



3. WIDE

This is selected when the unit is connected to a wide-screen TV.



■ CAPTIONS

- ON
The hidden subtitle is shown.
- OFF
The hidden subtitle is turned off.

■ SCREEN SAVER

Start the screen saver, the screen saver image appears when the unit stops or the image is frozen for a few minutes. This saver can keep the screen from being damaged.

- ON: Start the screen saver.
- OFF: Remove the screen saver.

■ LAST MEMORY

The unit can memory the point of a disc where the power is off and play from the point when you turn on the unit again.

- ON: This function is on and works.
- OFF: This function is off and does not work.

AUDIO SETUP

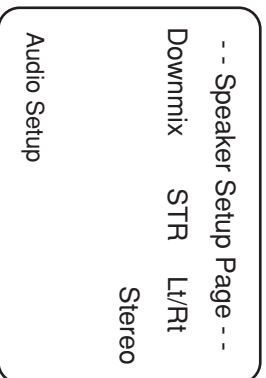
The setting structure is:

-- Audio Setup Page --
Speaker Setup
Dolby Digital Setup
Channel Equalizer
3D Processing
Main Page

DVD FUNCTION SETTING

■ SPEAKER SETUP

The setting structure is:



• LT/RT

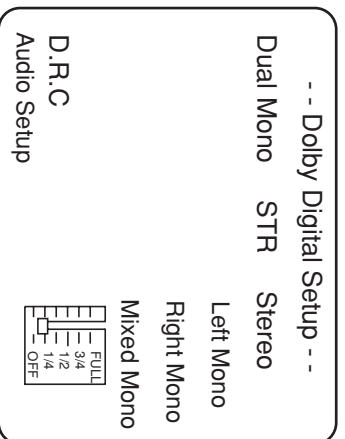
A disc recorded multi channel soundtrack, the output signal will be incorporated to left and right channel.

• STEREO

A disc recorded multi channel soundtrack, the output signal will be incorporated to stereo.

■ DOLBY DIGITAL SETUP

The setting structure is:



• DUAL MONO

This is the output mode of the L and R signals of the set audio output. If it is set to "MIXED MONO", the function only works when the DVD being played is 5.1-channel.

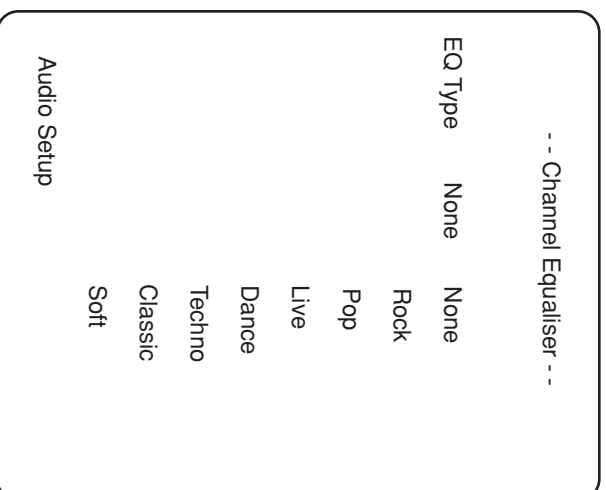
• D.R.C

This is selected to adjust the linear compression rate to obtain the different compression results of the signals.

■ EQUALISER

This will help you to select graphic equaliser patterns according to the genre of the music being played, and adjust the equaliser.

The setting structure is:



• EQ TYPE

You can select music category by pressing the direction buttons and confirm by pressing the **PLAY** button.

DVD FUNCTION SETTING

■ 3D PROCESSING

The setting structure is:

-- 3D Processing Page --			
V SURR	Off	On	
		Off	
Reverb Mode	Off	Off	
		Concert	
		Living Room	
		Hall	
		Bathroom	
		Cave	
		Arena	
		Church	
Audio Setup			

- V SURR

Use to turn Virtual Surround on and off.

- REVERB MODE

Use to select a Reverb Mode that you want to use.

PASSWORD SETUP

The setting structure is :

-- Password Setup Page --			
PW Mode	Off	On	
		Off	
Password		Change	
Main Page			

- PASSWORD MODE

- ON: The password works, "PARENTAL" is dim and can not be selected.
- OFF: The password is locked, "PARENTAL" can be selected.

- PASSWORD CHANGE

Select this to adapt the code, the screen shows:

Old Password	<input type="text"/>
New Password	<input type="text"/>
Confirm PWD	<input type="text"/>
	<input type="button" value="OK"/>

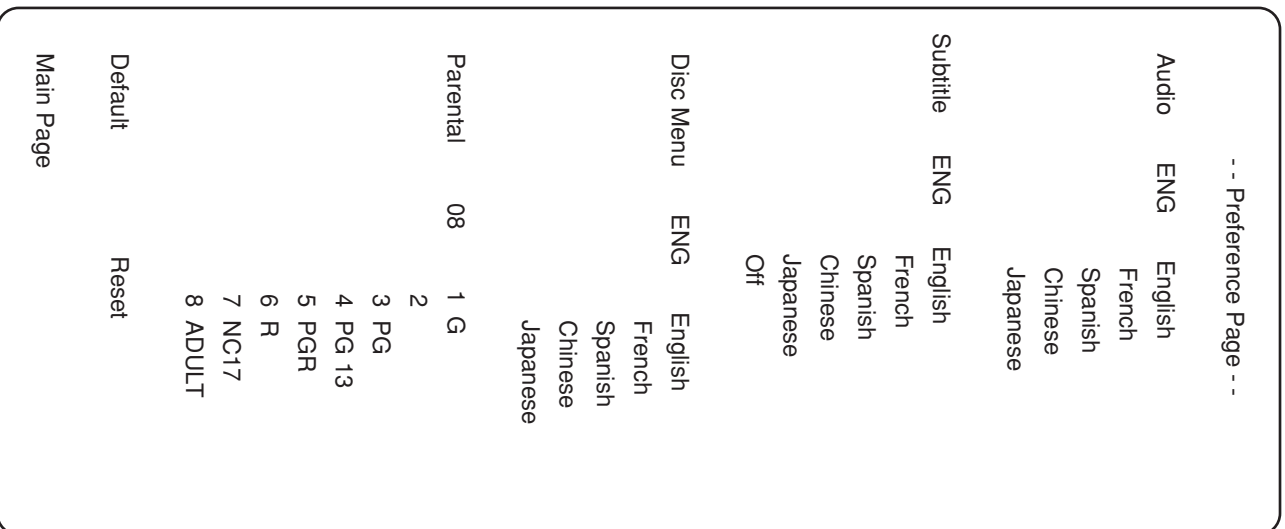
Enter a password according to the screen.

Note: The password is automatically factory set to 999999.

DVD FUNCTION SETTING

PREFERENCES

The setting structure is :



■ LANGUAGE SELECTION

The GD-70 is capable of outputting any spoken language that is in the Audio section of the preference page as long as it is a recorded audio track on the media being played. The GD-70 is also capable of displaying any written subtitles that is in the Subtitle section of the preference page as long as it is a recorded subtitle track on the media being played.

■ PARENTAL LOCK

The Parental Lock function is used to customise playback by not allowing particular rating media to be played on the GD-70. Please see following steps to set a particular ratings.

- Navigate to the Parental section on the Preferences Page.
- Select the rating that is desired and press the play button ▶ .
- The player will prompt your security password.
- Enter the security password then press the play button ▶ .

Note:Media that is rated higher than the set rating in the parental lock menu will require the security password 999999 in order to be played.

■ DEFAULT >> RESET

Each function setting will return to the initial status if you select this option.

Note:

- "PREFERENCES" only can be selected after the unit is in stop mode.

PLAY DISCS IN VARIOUS WAYS

AUDIO MODE



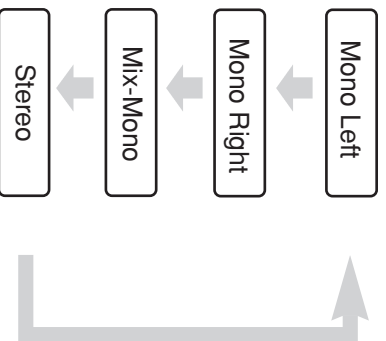
- You may select the language from a multi-language DVD .
- You may select the right channel or left channel or stereo from a multi-channel CD.

WHEN PLAYING DVD

- Press **LANGUAGE** , the screen shows orderly:



- Press **AUDIO MODE** , the screen shows orderly:



WHEN PLAYING CD

AUDIO MODE



Mono Left



AUDIO MODE



Mono Right



AUDIO MODE



Mix-Mono



AUDIO MODE



Stereo

You may select one mode.

Notes:

- Different discs will differ in languages.

PLAY DISCS IN VARIOUS WAYS

FAST PLAY



When playing a disc, you may play it forward fast or reverse it fast to find what you want.

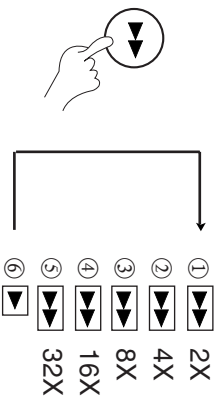
SLOW PLAY



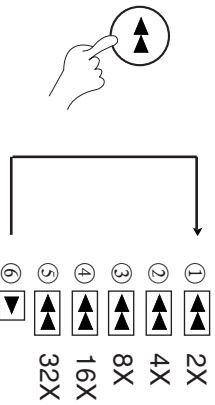
Enjoy slow motion by the following steps.

WHEN PLAYING DVD OR CD

1. Press **▶▶** to play forward fast. Each time you press the button, the screen shows orderly:



2. Press **◀◀** to reverse the disc fast. Each time you press the button, the screen shows orderly:



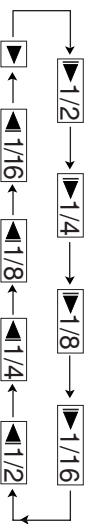
3. Press **▶** (PLAY) to switch to normal play while FF or FR playing.

WHEN PLAYING DVD

1. Press **SLOW** to play slowly.



The screen shows orderly:



2. Press **▶** (PLAY) to play normally.

PLAY DISCS IN VARIOUS WAYS

REPEAT PLAY



This function can be used to repeatedly play a title, chapter, track, disc, or some part on a disc.

PLAYING A DISC REPEATEDLY

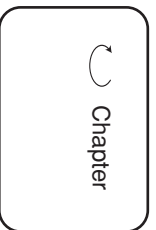
■ DVD

You may repeat a title or chapter.

1. Repeat a chapter.

Press **REPEAT** , the screen will show

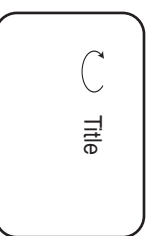
REPEAT



2. Repeat a title

Press **REPEAT** twice, the screen will show

REPEAT



3. Repeat all.

Press **REPEAT** third time, the screen shows " ALL "

4. Remove "REPEAT" function.

Press **REPEAT** until " ALL " disappears.

■ CD

• You may repeat a track, a disc according to the following steps.

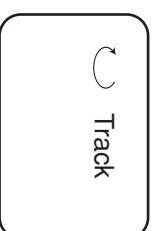
1. Repeat a track.

Press **REPEAT** , the screen shows

" Track". The unit plays the current

track.

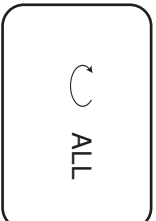
REPEAT



2. Repeat a disc.

Press **REPEAT** , the screen shows " ALL ". The unit plays all the tracks on the disc.

REPEAT



3. Remove "REPEAT" function.

Press **REPEAT** till " ALL " disappears.

REPEAT SOME PARTS

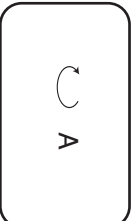
You may press **A-B** to enjoy some parts repeatedly when playing a disc.

■ PLAY DVD or CD.

1. Set a starting point A.

The screen shows:

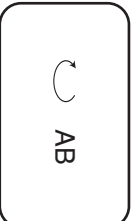
A-B



2. Set an end point B.

The screen shows:

A-B



Afterwards, the unit plays from A to B.

3. Press **A-B** again till " AB " disappears.

PLAY DISCS IN VARIOUS WAYS

SELECT SUBTITLES



This operation will only work on discs which have been recorded with multiple subtitle languages.

PLAY DVD

1. Press **SUBTITLE** repeatedly until the desired language is selected.

SUBTITLE


The screen shows:



2. Remove the subtitle.

Press **SUBTITLE** until the screen shows "Subtitle Off".

Notes:

- For some discs, subtitles cannot be removed.
- Discs will differ in the subtitle languages available.
- If the subtitles of discs cannot be selected, press **SUBTITLE**, the screen shows " ".


SELECT ANGLES



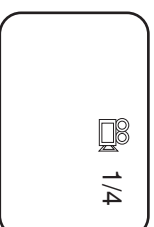
Some discs have images with different viewing angles, you may select among them. For example, when you watch a running train, you may watch it from the front, the left window or the right window without stopping it.


Example:

A DVD has the option of four viewing angles.

1. Press  to select ANGLE1.

SCREEN



2. Press  to select other angles, the screen shows respectively:



2/4 (select ANGLE2)



3/4 (select ANGLE3)



4/4 (select ANGLE4)

3. To resume normal playback, press  to select original angle.

PLAY DISCS IN VARIOUS WAYS

TIME SEARCH



TIME SEARCH

You may directly enter a time, title or chapter number to quickly search the disc. The unit will play from that point.

■ PLAY DVD

1. Search a title or a chapter.

Example: Search chapter 2 in title 6.

- Press **TIME SEARCH**, the screen shows:

Title 03/30 Chapter **01** /04

- Press the direction button and move the cursor to illuminate the title number. The screen shows:

Title **03** /30 Chapter 01/04

- Press button **[6]** to select title 6, the screen shows:

Title 06/30 Chapter 01/04

- Repeat the steps above; select chapter 2 in title 6.

2. TIME SEARCH

- Press **TIME SEARCH** until the screen shows:

Time --:--:--

- Press number buttons to enter hour, minute and second.

Example: Enter **1, 0, 2, 3, 8**

After setting, the unit will play the disc from 1:02:38.

■ PLAY CD

To jump to a specific time, use **TIME SEARCH** to set the time for the desired location.

Example: Play from 00:01:38 of track 6.

1. Press button **6** to select track 6.

The screen shows:

Track 06/20 00:01

2. Press **TIME SEARCH** until the screen shows:

Track Go To --:--:--

3. Press button **0, 1, 3, 8** to enter the time. The screen shows:

Track 06/20 01:38

- The unit plays from 00:01:38 of track 6 after setting.

- Press **10/0** to enter 0.

Note: CD discs have three options for the time search function:

- You can enter the elapsed time of a disc to play.
- You can enter the elapsed time of a track to play.
- You can go to a track you want play by entering the track number.

PLAY DISCS IN VARIOUS WAYS

BOOKMARK



The bookmark feature lets you make a point on the disc that you can go to quickly. You can store up to 12 bookmarks per disc. When you turn the player off or remove the disc, bookmarks are cleared.

Storing a Bookmark

1. While a disc is playing, press **RESUME** on the remote.
2. The Bookmark Menu appears.
3. When you reach the scene you want to mark, press **PLAY**.
4. If you want to mark another point, press the **▶** button to move the cursor to next spot. When you reach another scene you want to mark, press **PLAY**.
5. Press **RESUME** to make the Bookmark Menu disappear from the screen and resume to normal playback.

Using a Bookmark

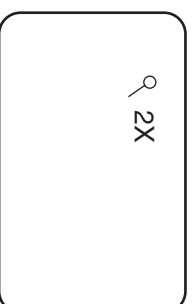
1. While a disc is playing, press **RESUME** on the remote.
2. The Bookmark Menu appears.
3. Use the direction buttons to highlight the bookmarked scene you want to activate. Press **PLAY** to go to the place you marked.

ZOOM PLAY

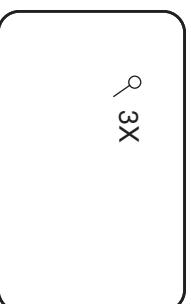


This function can be used to watch a motion or motionless picture.

1. Press **ZOOM** during playback, the screen shows:



2. Press **ZOOM** again, the screen shows:



The picture is enlarged to three times the size.

Note: The unit has six zoom steps:

2X, 3X, 4X, 1/2, 1/3, and 1/4.

3. Push **◀**, **▲**, **▼**, **▶** to move the enlarged picture.
4. To resume the picture, push **ZOOM** until the picture is back to normal size.

PLAY DISCS IN VARIOUS WAYS

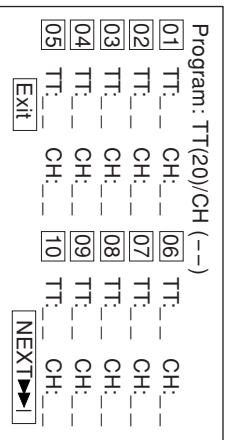
PROGRAM PLAY



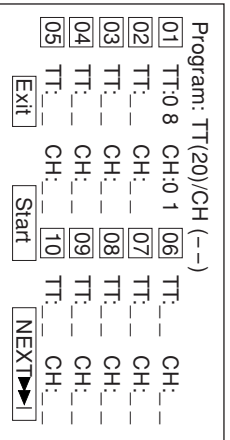
To use the program playback feature, you must enter the order in which you want the titles (and chapters) on the DVD or the tracks on the CD to play by creating a program.

WHEN PLAYING DVD

1. Press **PLAY MODE** until the screen shows:



2. Use the number buttons on the remote to enter the title (and chapter) number you entered first. The title (and chapter) number you entered appears in the box. The screen shows:



3. The cursor jumps to the next spot in the program list section.

Make sure the box is highlighted and enter your next track.

4. Continue adding titles (and chapters) until your program is complete. You can play your program by highlighting **START** and press **PLAY**.

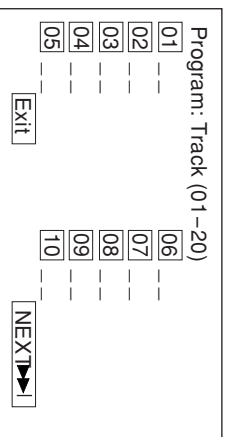
Note: If the titles (and chapters) you want

to program are more than 10, you can highlight **NEXT** and press **PLAY** to go to the next page.

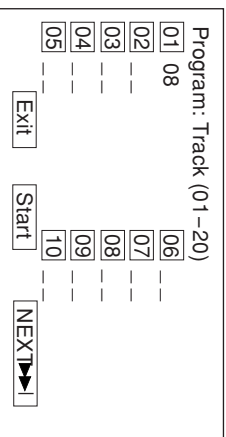
5. To remove program playback, press the **STOP** button twice during the program play.

WHEN PLAYING CD

1. Press **PLAY MODE** until the screen shows:



2. Use the number buttons on the remote to enter the track number, this will appear in the box. The screen shows:



3. The cursor jumps to the next spot in the program list section. Make sure the box is highlighted and enter your next track.

4. Continue adding tracks until your program is complete. You can play your program by highlighting **START** and press **PLAY**.

Note: If the tracks you want to program are more than 10, you can highlight **NEXT** and press **PLAY** to go to the next page.

5. To remove program playback, press the **STOP** button twice during the program play.

PLAY DISCS IN VARIOUS WAYS

SHUFFLE OR RANDOM PLAY

The unit can play by random orders.

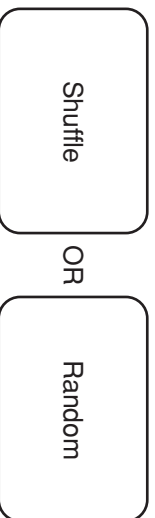
The order is different each time.

1. Press **PLAY MODE** to select shuffle or random play mode while a disc is playing.

PLAY MODE



The screen shows:



2. press **▶** (PLAY) to start shuffle or random play.
The unit selects a track to play.
3. Remove shuffle or random play.
 - When playing a DVD disc, press **■** twice.
 - When playing a CD disc, press **■** twice.

DIGEST PLAY

This function can be used to look through the content of the track or disc.

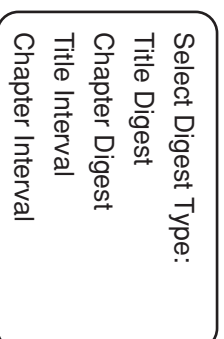
PLAYING DVD

1. Press **DIGEST** while a disc is playing.

DIGEST



The screen shows:



Use the **▼** or **▲** buttons to select "TITLE DIGEST" and press **PLAY** to confirm.

The unit begins to look through the titles, and shows the starting picture of each title on the screen.

1	2	3
4	5	6
Type:Title		
Select (01-20):--		
Exit Menu NEXT		

Each page has six pictures, their location may be different.

2. Use the direction buttons to select NEXT on the screen, and press **PLAY** to go to the next page.

PLAY DISCS IN VARIOUS WAYS

3. To remove the digest feature, use the direction buttons to select EXIT on the screen and press **PLAY** to confirm.

Note: If you have stored bookmarks on a DVD disc, there will be one more digest option: BOOKMARK DIGEST.

PLAYING CD

1. Press **DIGEST** after the unit stops.

DIGEST



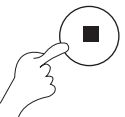
The screen shows:



The unit plays the first ten seconds of each track one after another.

2. Remove digest play.

Press **STOP** , digest play is removed and the unit stops.

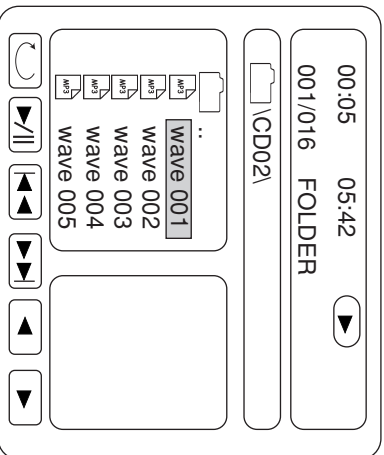


Note: A CD disc only has "SCAN" function.

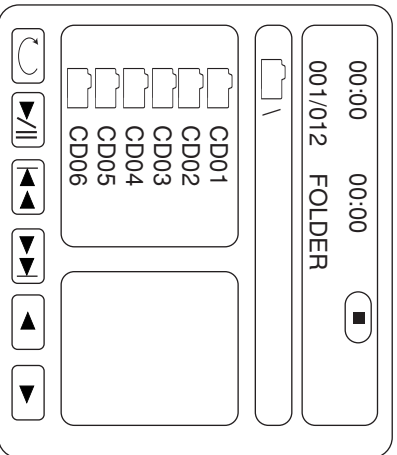
MP3 OPERATION

■ SELECT TRACKS WITH MENU

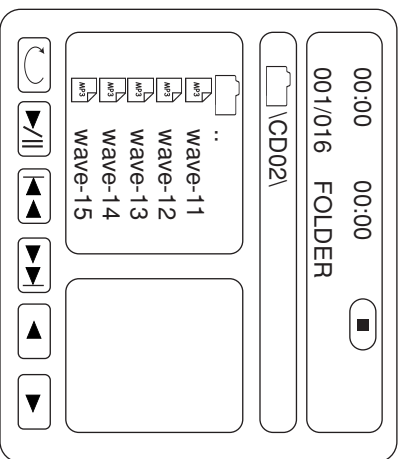
1. Insert a disc, after load, the unit will play from the first song in the first folder. The screen displays:



2. Press the ▲ button on the remote control or tap the ► on the screen to select the folder icon, and press ► (PLAY) to show the main menu.



3. Press direction key ▼ to select song folder. Press ► (PLAY) to confirm selection. Example: Select CD02, the TV screen displays:



4. Press direction buttons to select a song. Press ► (PLAY) button to start playback.
5. Press ▲ or ▼ button to select other tracks, and press ► (PLAY) button to play.
6. press ►|◀ or ◀|► to play previous or next songs.

■ OTHER FUNCTIONS

During playback MP3 discs, the unit features mute, volume control, repeat play and etc. Operations are the same as CD.

Kodak Picture CD Playback

A Kodak Picture CD has the size and shape of a regular CD. You can order a KODAK Picture CD simply by checking the box on the photofinishing envelope when you drop off a roll of film (35 mm or Advanced Photo System (APS) colour print film) at the time of processing in photo processing outlet displaying "Kodak Picture CD" sign. When your order is returned, you receive your prints, negatives, and your full roll of pictures safely stored on your KODAK Picture CD. Each KODAK Picture CD brings you the tools to enhance, share and manage your pictures on your computer. Now, you can playback Kodak Picture CDs on your DVD players and view your pictures on your TV in the comfort of your living room.

Playing back your Kodak Picture CD

The new feature enables the decoding of JPEG files from a Kodak Picture CD disk.

Playback modes

Normal

When a Kodak Picture CD is inserted on a player an automatic slide show is launched. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the TV screen. Twelve slideshow transition modes are provided, use "PLAY MODE" key to select. Select transition mode prior to start of slideshow if one mode is desired for the entire show.

Mode 0 : no special transition effect (by default)	Mode 8 : wipe from right bottom to left top
Mode 1 : wipe from top to bottom	Mode 9 : wipe from centre to top/bottom
Mode 2 : wipe from bottom to top	Mode 10 : wipe from centre to left/right
Mode 3 : wipe from left to right	Mode 11 : wipe from top/bottom to centre
Mode 4 : wipe from right to left	Mode 12 : wipe from left/right to centre
Mode 5 : wipe from left top to right bottom	Mode 13 : horizontal blinds
Mode 6 : wipe from right top to left bottom	Mode 14 : vertical blind
Mode 7 : wipe from left bottom to right top	Mode 15 : wipe from edge to centre
	Mode 16 : random

Customer can set transition effects for each picture in a slideshow by using the "PLAY MODE" functions while viewing a slideshow. The last transition mode selected will be used in any future slideshows.

To display an image indefinitely, press the PAUSE key. To view the Next or Previous picture press NEXT or PREVIOUS keys. To resume the slideshow press the PLAY key.

Image Rotation

There are four modes to rotate a picture: "Invert", "Mirror", "Left", and "Right". These operations are allowed only when a picture is being displayed normally and will be cancelled automatically when a new picture is displayed. The arrow key is used to select the different rotation modes:

Up ▲	-Invert/Normal
Down ▼	-Mirror/Normal
Left ◀	-Turn left
Right ▶	-Turn right

Zoom

We provide both ZOOM in/out and Zoom pan function for the pictures. The "ZOOM" key is used to turn on or off this function. When this mode is on, any picture will be displayed at the last ratio selected by the user. A message on the screen will indicate the current Zoom ratio.

If zoom mode is on, "FF" and "FR" keys are used to control the ratio of zoom in/out. With ZOOM mode off, a picture is scaled to fit the TV screen.

Notes: During ZOOM function, slideshow transition and image rotation are disabled. To cancel the ZOOM function, press the ZOOM key again and resume the slideshow.

Digest

The "MENU" or "STOP" key is used to display thumbnail size pictures. After it is enabled, up to 12 scaled-down thumbnail pictures will be displayed on the screen. The "NEXT" and "PREV" keys can be used to display the next/prev nine pictures in the the Kodak Picture CD.

You can select any of the nine displayed thumbnails by using the Arrow Keys and pressing the "PLAY" key. The thumbnail will be enlarged to fit the TV screen and the slide show will start. If you want to display an image indefinitely, press the PAUSE key. To view the Next or Previous picture press NEXT or PREVIOUS keys. To resume the slideshow press the PLAY key.

IMPORTANT NOTE:

Quality of pictures displayed on the screen are highly dependent on the viewing device.

USING THE BATTERY PACK

Attach the battery pack properly following the explanation below. Make sure that the battery pack is attached firmly to the player when using it. Otherwise, the battery may become detached and cause person injury.
Charge it before using.

ATTACHING THE BATTERY PACK

First disconnect the power source from the player, then attach the battery pack.

1. Turn the player off.
2. Turn the player upside down.
3. Insert the battery pack's catches into the player's corresponding holes. Then, slide the battery pack until it is attached firmly.

CHARGING THE BATTERY PACK

1. Turn the player off.
2. Attach the battery pack to the player.
3. Connect the supplied AC adaptor to the player. Charging starts, and the CHARGE indicator illuminates. When the charging is completed, the indicator turns off.

Notes:

- 1) While the charge is in progress, do not disconnect the AC adaptor until the CHARGE indicator turns off. The charging time of a battery pack is approximately 2.5 hours and depends on environmental conditions.
- 2) The battery pack can also charge when the power of the player is turned on. The charging time will be longer.
- 3) The attached battery pack may get warm when you are charging it or operating the player. This is not a defect.
- 4) It is recommended that the battery pack is attached to the player while being used and is often be charged. Remove the battery pack from the player after being used.
- 5) The car adaptor cannot be used for charging the battery pack.

GPS "Sleep" Status

1. When the unit with battery pack is in Navigation, cutting off the power source will put the unit into "Sleep" status. The Navigation information is memorized.
2. a) Resume the power source, and touch **Accept** on the "Warning" screen, the original Navigation information page will be displayed immediately.
b) Slide the **POWER** switch to "OFF" and then to "ON" position, and touch **Accept** on the "Warning" screen, the original Navigation information page will be displayed immediately.

PLAYBACK TIME

Generally, after the battery pack is fully recharged, its continuously working time for DVD and Navigation operation is about 2 hours.

DETACHING THE BATTERY PACK

1. Turn the player off.
2. Disconnect the AC adaptor or the car adaptor from the player.
3. Turn the player upside down.
4. Slide the battery pack's lock switch in the open direction, then slide the player in the correct direction to remove it.

CONDITIONS AND ATTENTION

While using the battery pack, the environmental temperature should be 5°C to 35°C.
A newly purchased battery pack can only be used after being charged.

To undertake the longest service life of the battery pack, charge it under or close to indoor-temperature.

Never dispose of in fire, water or heat up.

Do not use in high temperature or near heat sources.

Never connect the positive and negative poles with metal.

Do not open the battery pack, refer servicing only to qualified service personnel.

TROUBLESHOOTING

If you experience the following problems while using the unit, this troubleshooting guide can help you.

No sound

- Check if the unit is connected securely.
- Check if the volume of headphone is set to MIN when using headphone.
- Make sure you operate the TV or amplifier correctly.
- Make sure you have selected DVD player position on the amplifier.

No image

- Check if the unit is connected securely.
- Make sure you operate the TV correctly.
- Make sure you set the colour system correctly.

Bad sound quality

- Make sure the audio output mode is set correctly.
- Make sure the audio connection between the unit and amplifier is right.

Disc can not be played

- There is no disc in the unit.
- Put the disc on the disc tray properly with the label side up.
- Clean the disc.
- Moisture has condensed in the unit. Remove the disc and leave the unit on for about one hour.

Remote control does not work

- Remove barriers between the remote control and the unit.
- Point the remote control at the remote control sensor of the unit.
- Replace the batteries with new ones.

Image rolls and no colour

The colour system of the unit doesn't match with that of TV. Please select the correct TV TYPE until TV shows normal colour.

TECHNICAL SPECIFICATIONS

GPS SECTION

Received center frequency	1575.42 MHz
GPS satellites	12
Refresh frequency	Once/sec.

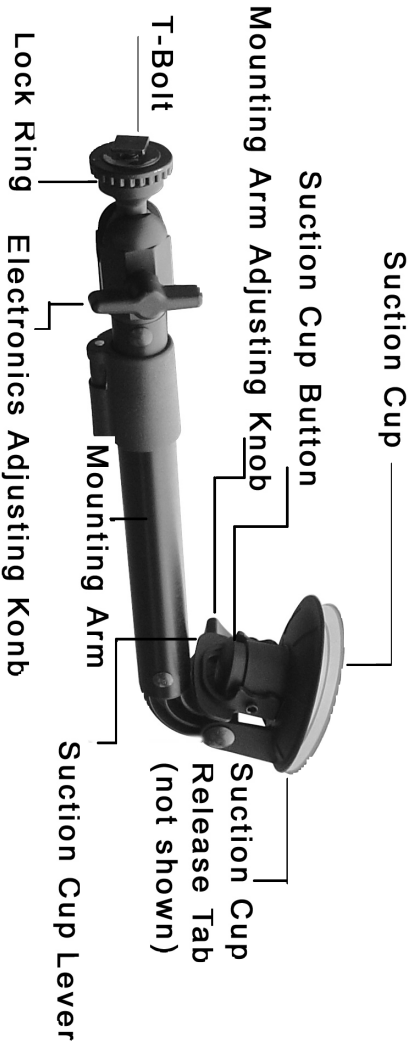
FM TRANSMITTING

Frequency range	87.5~95.0 MHz
Transmitting distance	3 meters

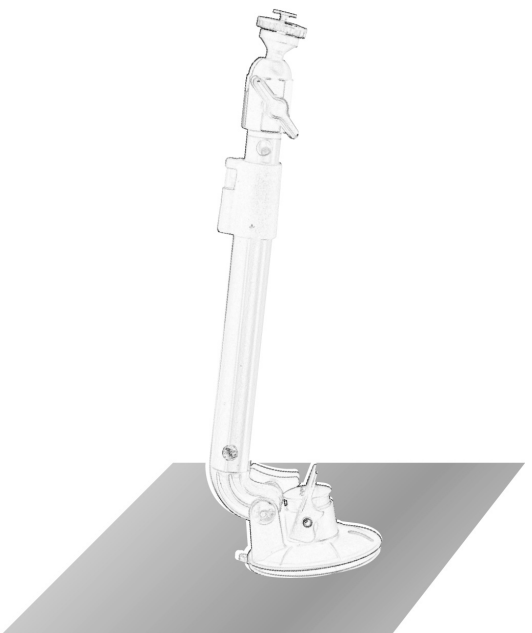
DVD SECTION

TFT LCD	7"	
Laser	wavelength 650nm	
Video system	NTSC	
Frequency response	20Hz ~ 20KHz ± 1dB	
Signal/noise ratio	≥ 90dB	
Audio distortion + noise	≤ - 80dB (1KHz)	
Channel separation	≥ 85dB (1KHz)	
Dynamic range	≥ 85dB	
Output	Audio (analog)	output level: 2V ± 10% Load impedance: 10K Ω
	Video	output level: 1Vp-p ± 20% Load impedance: 75 Ω imbalance, negative polarity
Power supply	DC12V	
Allowable motion temperature	5~35 °C	
Power consumption	≤ 20W	
Dimensions	175 × 143 × 38mm	
Weight	Approx. 825g	

WINDOW MOUNT



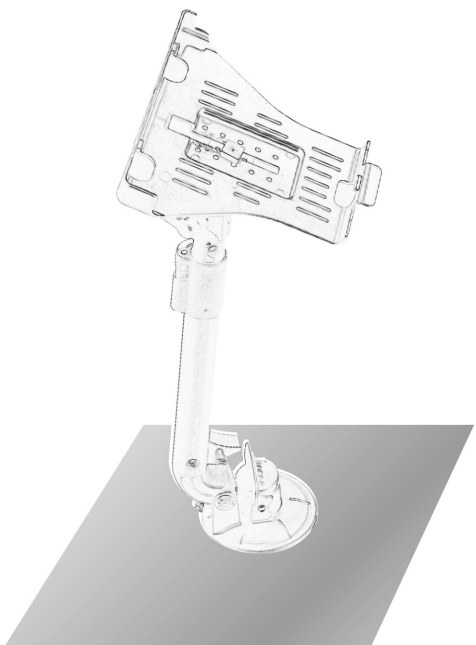
1. Thoroughly clean the smooth, flat, non-porous mounting surface (windshield, window, etc.). The surface should be dry and free of any scratches.
2. Loosen the Mounting Arm Adjusting Knob so the Mounting Arm moves up and down.
3. Position the Suction Cup Lever in the “down” position.
NOTE: The mounting surface and the Suction Cup should be clean and dry. Wipe with a clean, damp cloth and let dry completely. The T-Slot Window Mount should be installed at room temperature (avoid extremes of heat or cold). Do not moisten the Suction Cup.
4. Position the Suction Cup in your mounting area. In order to remove the Mount easily, it is recommended that the Suction Cup Release Tab be at the top of the installation and that the Mounting Arm moves freely in a vertical line. (**Note: never interfere with the driver’s field of vision; follow all local regulations.**)
5. Push the Suction Cup firmly against the mounting surface (the Suction Cup Lever should be in the “down” position). Press the Suction Cup Button and pull the Suction Cup Lever up and over the Button. You will feel the Button move out during this procedure; this action locks the Suction Cup into place.



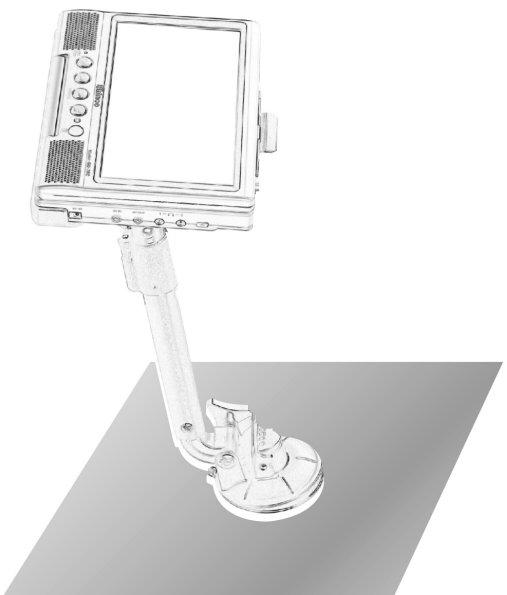
6. Move the Mounting Arm up and down to the desired position and lock into place with the Mounting Arm Adjusting Knob.

WINDOW MOUNT

7. Install the GD-70 installing Bracket with a compatible Slot onto the T-Bolt.



8. Install the GD-70 onto the installing Bracket. Hold the unit in place and tighten the Lock Ring firmly.



9. Loosen the Electronics Adjusting Knob, positions the unit, then tighten the Electronics Adjusting Knob.

10. Attach required power cables, etc.

11. Check the unit's position; loosen the Electronics Adjusting Knob and tighten as required.

12. To release the Suction Cup, move the Suction Cup Lever back into its down" position. Lift the Suction Cup Release Tab to help break the hold.

APPENDIX

Regulatory Notices

FCC Compliance Notice

This equipment complies with Part 15 of the U.S. Federal Communications Commission (FCC) Rules. Operation of this device may: (1) not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. If this occurs, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Modifications

Changes or modifications not expressly approved may void the authority to operate the equipment.

Cables

Connections to this device must be made with shielded cables with metallic RF/EMI connector hoods in order to maintain compliance with FCC Rules and Regulations.

Canadian Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Avis Canadien

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Battery Warning

WARNING: This computer contains a lithium ion rechargeable battery pack. To reduce the risk of fire or burns, do not disassemble, crush, puncture, short external contacts, or dispose of in fire or water.

Equipment Warning

WARNING: To reduce the risk of personal injury, electrical shock, fire or damage to the equipment:

- Plug the AC adapter into a grounded (earthed) electrical outlet that is easily accessible at all times.
- Disconnect power from the equipment by unplugging the AC adapter from the electrical outlet or unplugging the Synchronization cable from the host computer.
- Do not place anything on the AC adapter cord or any of the other cables. Arrange them so that no one may accidentally step on or trip over them.

APPENDIX

- Do not pull on a cord or cable. When unplugging from the electrical outlet, grasp the cord by the plug or, in the case of the AC adapter, grasp the AC adapter and pull out from the electrical outlet.

Wireless Notices

In some situations or environments, the use of wireless devices may be restricted. Such restrictions may apply aboard airplanes, in hospitals, near explosives, in hazardous locations, etc. If you are uncertain of the policy that applies to the use of this device, please ask for authorization to use it prior to turning it on.

U.S. Regulatory Wireless Notice

This product emits radio frequency energy, but the radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact with the antenna during normal operation is minimized.

Canadian Regulatory Wireless Notice

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. The term “IC” before the certification/registration number only signifies that the Industry Canada technical specifications were met.

Contact

For questions regarding your product or these notices, contact:

Global Navigation, Inc.
1839 Yeager Ave.,
La Verne, California 91750
Telephone: 1-800-838-3315