



ITEM#C3



nextar™

AUTOMOTIVE NAVIGATION SYSTEM (GPS)

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Support: service@nextar.com

HARDWARE INSTRUCTION MANUAL

Important Safety Instructions



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN!**



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USE-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric to persons.



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

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

POWER SUPPLY:

Connect the supplied adapter to the side of the unit in the slot marked "DC 5V IN". Plug the two-prong end of the power cord to an AC100-240V outlet. If you have difficulty inserting the plug, turn it over and reinsert it. If the unit will not be used for a long time, disconnect the plug from the outlet.

NOTE:


Before plugging the power cord into an AC outlet, make sure that all the connections have been made.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Refer to service manual for servicing instructions. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

Important Safety Instructions

NOTES

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with a damp cloth.
- 7) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.



Important Safety Instructions

Warning

Failure to avoid the following potentially hazardous situations may result in injury or property damage.

The unit is designed to provide you with route suggestions. It does not reflect road closures or road conditions, traffic congestion, weather conditions, or other factors that may affect safety or timing while driving.

Use the unit only as a navigational aid. Do not attempt to use the unit 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.











This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The images in this manual are only for reference and they may be different from the actual ones.

Accessories

Accessories List

ITEM	NAME	QTY
	Remote Control (with battery)	1
	Owner's Manual	2
	Power Adaptor	1
	Car Adaptor	1
	Windshield mount bracket	1
	Mounting cradle	1
	Dashboard mount disk	1
	Touch Pen	1
	USB	1
	Pouch	1

NOTE

Accessories and their parts numbers are subject to modification without prior notice due to improvements.

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View of Main Unit

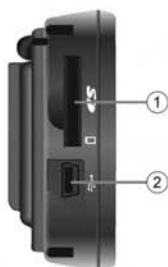
Front View



- 1. MENU button**
Press to enter the main menu.
- 2. Speaker**
- 3. POWER button**
Press the power button to enter or exit the standby mode.
- 4. Charge Indicator**
When charging the battery, it is red. When the battery is fully charged, it turns green.
- 5. LCD Screen**
- 6. Remote Sensor**
Receive signal from remote control for operation.

View of Main Unit

Side View



- 1. Card Port**
Insert the SD card into the port.
- 2. USB Port**



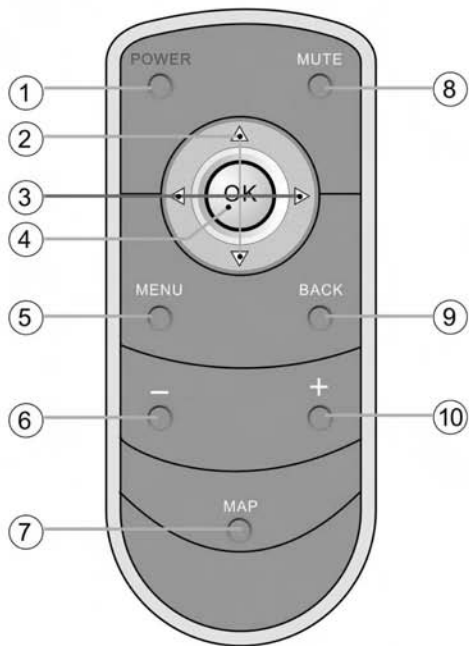
- 1. Volume Control**
Used to adjust the volume of the headphone and speaker.
- 2. Headphone Jack**
Used to connect headphones for private listening. When the headphones are connected to this jack, the speaker will be turned off automatically.
- 3. DC 5V Input Jack**
Used to connect to the supplied power adaptor or car adaptor.

Rear View



- 1. Build-in GPS Antenna**
Receiving GPS signals.
- 2. External GPS Antenna Jack**
Connected to the external antenna (optional).
- 3. ON/OFF Switch**
Used to switch power on or off.

Remote Control



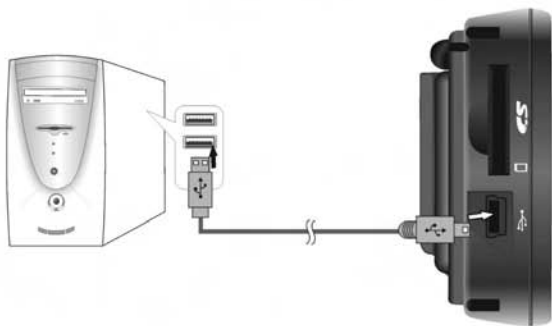
- 1. POWER button**
Press to enter or exit standby mode.
- 2. ▲ ▼ direction buttons**
Press to select items in the setup menu.
- 3. ◀ ▶ direction buttons**
Press to adjust items in the setup menu.
- 4. OK button**
Press to confirm selection.
- 5. MENU button**
Press to enter the main setup menu.
- 6. - button**
Press to zoom out the map.
- 7. MAP button**
Press to enter the map view.
- 8. MUTE button**
Press to turn on or off the speaker output.
- 9. BACK button**
Press to return to the previous menu.
- 10. + button**
Press to zoom in the map.

System Connections

- Always ensure that this unit and any other external device connected to the unit are switched off and unplugged from the power supply before you attempt to connect the unit to any external device.

Connecting to External USB Device

The unit is designed with a USB port which allows you to connect to a USB device via the USB cable. Once connected, you may use the device for downloading files from another device, such as PC, etc. See the below figure for details:



System requirements:

- Windows 98SE, ME, 2000 and XP
(Driver required for Windows 98SE)
- DVD Rom Drive (for map upgrade purposes)
- Intel Pentium II 233 Mhz
- 64 MB RAM
- 50 MB available hard drive space
- Available serial port and/or USB Port
- 256-color display adapter and monitor
(16 bit color required)

In the near future map updates will be available for down load from our website. Please check www.nextar.com periodically for the information on downloads.

System Connections

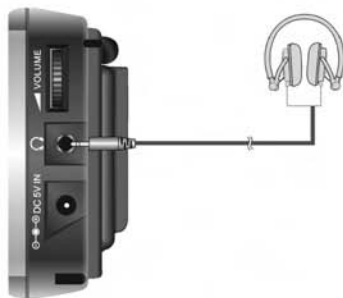
Inserting SD Card

The unit is designed with SD/MMC Card jack which allows you to insert the SD/MMC card into the unit as shown below:



Connecting to Headphones

Connect the headphones to the right side of the unit for private listening.



When headphone is connected, the speakers will automatically turn off.

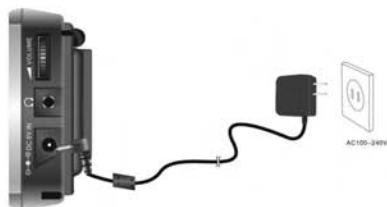
Note: Excessively loud volume could damage your hearing. So turn down the volume before you connect the headphones, and then raise the volume to comfortable level.

Power Supply Preparation

Using the AC Adaptor

The player is supplied with an AC adaptor for powering the unit and charging the battery.

1. Connect AC adaptor to the right side of the player in the jack marked DC 5V IN, as shown on the right.
2. Plug the two-prong end of the power cord into a grounded electrical outlet.

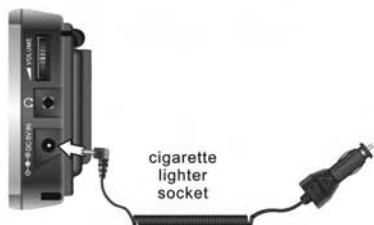


Note: Turn player's power off before unplugging.

Using of Car Adaptor

The player is supplied with a Car Adaptor for powering the unit while in a vehicle.

Connect the Car Adaptor Power Plug to the unit's power jack and plug the other end to the vehicle's 5V accessory/ cigarette socket, as shown on the right figure.



Attention

- Place the unit in a proper position for viewing.
- Disconnect the player from the Car Adaptor when starting the vehicle.


Your portable GPS player comes with a built-in rechargeable battery. Please see details in the following segment.

Power Supply Preparation

About Rechargeable Battery

Your portable GPS player comes with a built-in rechargeable battery. Charge the battery fully before initial use. Charging time is normally about 5 hours. A fully charged battery delivers about 3 hours of use.

Working conditions and precautions for the rechargeable battery

- New batteries should be fully charged before initial use.
- Battery should only be used and charged when temperatures are between 32° -100° F.
- Maintain well-ventilated conditions around the product to avoid overheating. Don't put the product on a bed, sofa or anything that may block ventilation to the product.
- When the battery is weak, " " will appear on the LCD screen and about five minutes later, the player will power OFF automatically.

Charging the Battery Pack

The battery must be charged by using the supplied adaptor.




General Setup

General Setup


When turn on the unit, the screen will display the main menu for about 3~5 seconds and then enter the warning menu, as shown below:



Tap **I Agree** to enter the map view. Press the **MENU** button to return to the main menu. In the main menu, there are three items for selecting. Touch the corresponding item to enter.

Tap  to enter navigation mode. Tap  to enter the settings menu. Tap  to enter the MP3 player.

Settings Menu


Tap  to enter the settings menu, the screen will display as below:

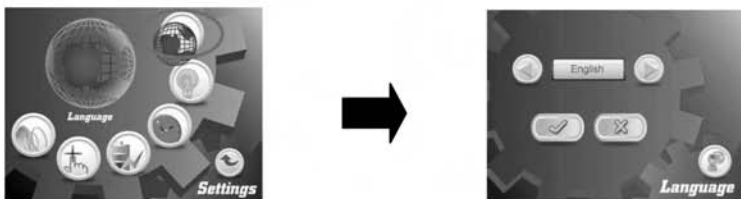


In the menu, tap  to return to the main setup menu.

General Setup

Language

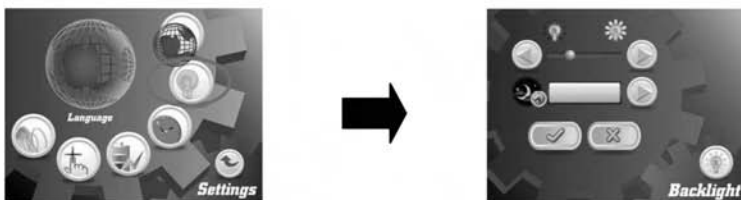
Tap  in the settings menu to enter **Language** settings menu for language selecting, as shown below:




Tap the   buttons to select language. Then tap  to confirm or tap  to cancel.

Backlight

Tap  in the settings menu to enter **Backlight** settings menu for backlight adjusting, as shown below:



Tap the first group   buttons to adjust the backlight level.

Tap the second group  button to adjust the sleep time. There are 6 choices for sleep time (--/5/10/30/60/120).

--: The system will keep backlight always on and will not enter sleep mode.

5: The system will keep backlight on for 5 minutes and then enter sleep mode.

10: The system will keep backlight on for 10 minutes and then enter sleep mode.

30: The system will keep backlight on for 30 minutes and then enter sleep mode.

60: The system will keep backlight on for 1 hour and then enter sleep mode.

120: The system will keep backlight on for 2 hours and then enter sleep mode.


After setting, tap  to confirm or tap  to cancel.

General Setup

Clock/Time

Tap  in the settings menu to enter **Clock/Time** settings menu for changing to the current time zone, as shown below:



Tap the ◀ ▶ buttons to select the proper Time Zone. Tap the ▲ ▼ buttons of Date group to change the corresponding date and tap the ▲ ▼ buttons of Time group to change the corresponding time. Tap  to return.

Power

Tap  in the settings menu to enter **Power** menu for the current battery status, as shown below:

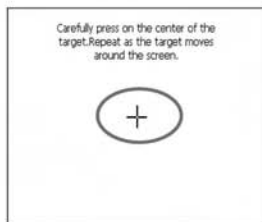


The power menu will display the current battery status. Tap  to return.

General Setup

Calibrate

Tap  in the settings menu to **calibrate**, the screen will display as below:



This item is used to calibrate the sensitivity of the unit. Tap the center of "+" as it moves around the screen. If you touch the center of "+" every time, it will disappear and tap the screen to return to the settings menu.

Note: If "+" doesn't disappear, you should rectify again.

Volume

Tap  in the settings menu to enter **Volume** settings menu for volume adjusting, as shown below:



Tap the ◀ ▶ buttons to adjust the volume. Then tap ✓ to confirm or tap ✕ to cancel.

Playing Music

The unit is designed with SD/MMC card slot. You can insert the SD/MMC card with MP3, WMA files. It supports MP3 and WMA format files playback.

Note: Do not store MP3 or WMA format files in the Flash storage, for the flash storage is used to store map data, any attempt to open the Flash storage may result in the map data missing and lost.

Take the following steps to play:

Loading MP3 or WMA format files:

1. Insert the SD/MMC card with MP3 or WMA format files.
2. Turn on the unit.


A note regarding the MP3 function:

The unit has the ability to play your favorite MP3 music files. This is accomplished by using the unit's SD card slot, located on the left side, next to the USB port:

- MP3 files should previously reside on the users SD card.
- MP3 files can be imported to the users SD card on a PC, using a variety of programs such as Windows Media Player.
- This process should be performed independent of the navigation unit.

Do not attempt to use the unit to read and burn MP3 files from an external source.

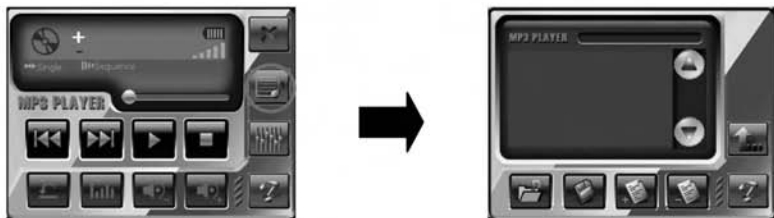
Playing Music.


In the main menu, tap  to enter the playback menu, as shown below:

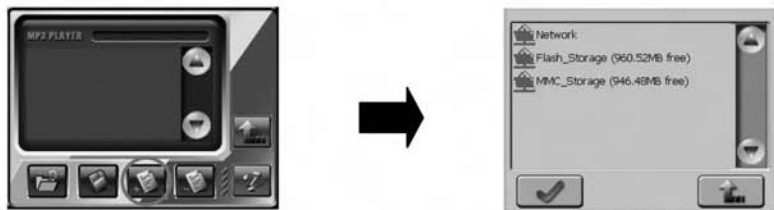



Playing Music

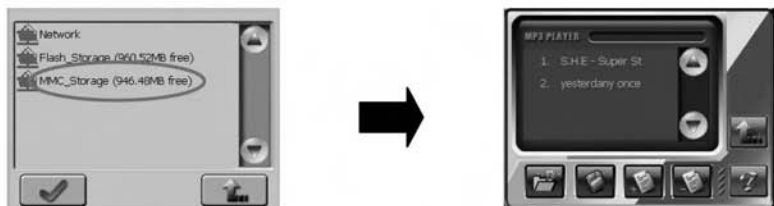
In the menu, tap  to enter the MP3 playlist menu, as shown below:



In the playlist menu, if there are no songs in the playlist, tap  to add songs into the playlist. The screen will display as below:




Double tap the MMC_Storage icon to open the folder, the songs in the folder will be displayed on the screen. Select the songs that you want to add into the playlist and tap the  to confirm. The songs selected will be added into the playlist, as shown below:



In the playlist, double tap the songs to start playback.


Help Window


In the playback or MP3 playlist menu, tap  to open the help window, as shown below:




Tap each button to view its function.

During playback, tap  button to go to the previous track.


During playback, tap  button to go to the next track.


During playback, tap  button to pause playback, or in stop status, tap the button to resume playback.


During playback, tap  button to stop playback.


During playback, tap  button to repeat all the songs in the playlist.


During playback, tap  button to play the current song only.


During playback, tap  button to play each song for 15 seconds.

During playback, tap  button to play the selected song repeatedly.


During playback, tap  button to play the songs in the playlist in sequence.

During playback, tap  button to play the songs in the playlist randomly.

During playback, tap  button to decrease the volume.


During playback, tap  button to increase the volume.

In the menu, tap  button to open the playlist menu.

In the menu, after adding playlist, tap  button to save the playlist.


In the menu, select songs and tap  button to add the selected songs into playlist.


In the menu, select songs and tap  button to delete the selected songs in playlist.

In all menus, tap  button to exit the menu.

During playback, tap  button to open the playlist.

During playback, tap  button to enter the equalizer menu.

In all menu, tap  button to open the buttons function menu.

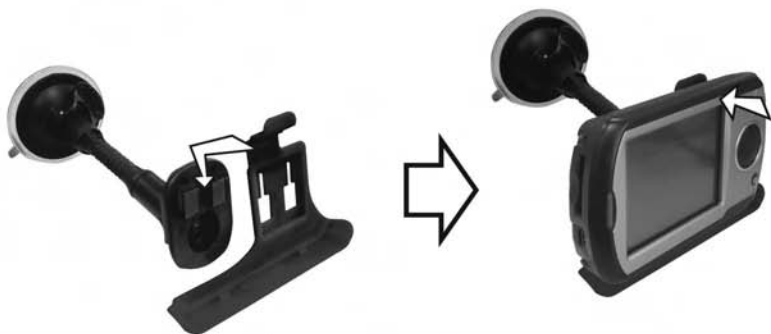
In all menu, tap  button to return to the previous menu.

Tap  to back to previous equalizer pre-setting.

Tap  to skip to previous equalizer pre-setting.

Use of the Mount Accessories

When using the unit in vehicle, you can use the supplied mount accessories (mount bracket, mount cradle and dashboard mount disk) to mount the unit in the vehicle. Take the following steps to operate:



1. Slide the mounting cradle onto the end of the mounting bracket.
2. Set the bottom edge of the unit on the bottom of the mounting cradle. Rotate the unit back until it clicks into the mounting cradle.
3. Lift the suction cup lever.
To mount to windshield, press the suction cup to the windshield and press down on the suction cup lever.
To mount to dashboard, use the included adhesive disk.
Choose a clean, dry spot on your dashboard, peel off protection liner from the back of the disk, and then attach the disk to your dashboard.
4. Press the tab at the top of the mounting cradle to remove the unit.

Troubleshooting

Take steps described in the tables below to solve simple problems before contacting customer service.

If you suspect something wrong with the unit, immediately turn the power off and disconnect the power connector from the unit. Never try to repair the unit yourself because it is dangerous to do so.

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
There is no sound	The volume may be turned down or muted by remote control.	Turn up the volume or unmute by remote control.
The remote control does not work	There may be some obstructions between the remote control and the player.	Remove the obstruction between the remote control and the player.
	The remote control may not be pointed at the player.	Point the remote control at the player directly.
	The batteries of remote control may not be inserted correctly.	Make sure the polarity of each battery is correct.
	The batteries of remote control may be out of power or weak.	Replace the batteries.

Other possibilities:

Static or other external interference may cause the unit function abnormally. In order to recover normal status, please unplug the power supply cord and then plug it into the outlet again to reset the unit. If the problems still exist, please cut off the power supply and consult your service center or the qualified technician.

Specifications

TFT screen size	3.5 inches
Frequency Response	20Hz~20kHz
Audio Signal-to-noise Rate	$\geq 65\text{dB}$
Audio distortion or noise	$\leq -20\text{dB}$ (1kHz)
Channel Separation	$\geq 70\text{dB}$ (1kHz)
Dynamic Range	$\geq 80\text{dB}$ (1kHz)
Power	AC 100-240V ~ 50/60Hz; DC 5V
Power Consumption	< 8W
Dimensions	130mmX76mmX33mm (L*W*D)
Weight	About 0.25kg

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE