

# SP430BL Manual

Ver : 090122\_a

Target device : Bible-link PND

# Greetings

## **Congratulations on your purchase of the model SP430BL made by POINT-FIVE, Inc.**

Welcome to the diversified and convenient world of Portable Multimedia Navigation SP-430BT.

SP-430BT is designed and manufactured to be in compliance with all international and internal quality standards.

They are subject to severe quality tests, including humidity, impact (drops), wear and tear, and vibration tests to name a few.

This User Manual is intended to be a help to facilitate the operation of the diversified and convenient functions of this product.

Any damage or trouble on the product arising from failure to be fully aware of warnings or cautions is excluded from free customer service. Please be advised that you should read them before using the product.

Thank you.

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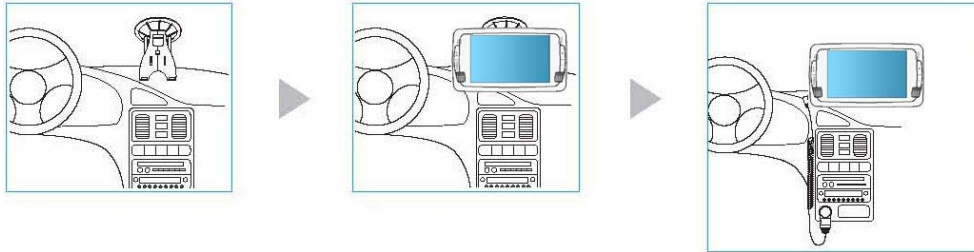
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# In-car Installation

- The description on this page illustrates how to install PMP, GPS antenna, stand, power cable in the car.



1. Dust off the area of the windshield. You should mount the stand in a position that will not hinder your vision.
2. Attach the main body to the installed stand.
3. Plug in the adaptor to vehicle DC charger

## **Caution**

- ♣ The DC 12V adaptor supplied may be used exclusively. General adaptors are not applicable and may cause electrical failure.
- ♣ Begin installation with your car parked and the engine shut off.

# Safety Precautions

- The Safety Precautions are to prevent any damage to the GPS device, by using the product properly. Follow the guidelines below.

- **Car Use**



## **Operation prohibited while driving**

If you operate the product while driving, it may cause a traffic accident due to carelessness in fixing your eyes on the front. Stop at a safe place for operation.



## **Continuous watching prohibited**

Driver's continuous gazing at the screen may cause a traffic accident.

The driver should pay attention to driving and road environment once he/she starts driving.



If the product is used for an extended period of time without a running engine, be advised that your automobile battery may become depleted.



Poor reception due to areas with extensive electrical signals or from areas with interfering landscape will recover into normal mode once you are out of the blacked out areas.



Extreme seasonal temperature changes may affect the GPS product. Do not store the device in your automobile when temperatures exceed 120 °F or falls below 40 °F.

## ● Power Supply



For electrical stability, use only AC power adaptors approved for this product.



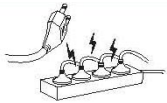
If an irregular smell emits from the device or adaptor, stop the usage immediately. Unplug the adaptor and contact the service center.



Do not excessively bend the adaptor cord or allow the head to come under a great deal of pressure.



Firmly insert the adaptor plug so that it will not be loose.



Do not plug too many A/C adaptors in one outlet; it may cause abnormal heating and a fire.



Take hold of the plug and adaptor with a dry hand while handling; otherwise, it may cause an electric shock.



When you are not using the device, unplug it at all time.



On occasion of thunder or lightning, remove the plug.

## ● Use



If foreign substance or liquid permeates through the device, immediately turn off the power supply, take out the AC adaptor from the outlet, and contact a qualified engineer for inspection.



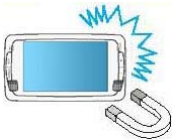
Do not disassemble, repair, and remodel. It may cause damages and your warranty will be voided.



Do not put this device in a place with much humidity, dust or black dirt.



Do not place the device around a heat source or in an area of extremely high temperatures.



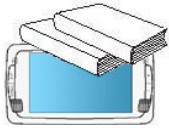
Do not use around any magnetic devices.

The device may be damaged by a magnetic object such as magnet, CRT TV, monitor and speaker, etc.

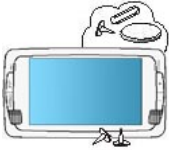


Do not spray water on the device or wipe the device with chemicals such as benzene, thinner etc. It may deteriorate the surface or peel the coating.





Do not put heavy objects on the device. It may cause damage to the LCD display.



Do not put a metal (coin, hair pin etc.) or a flammable foreign substance in the product or drop them onto the device.



Do not drop the device or allow it to incur heavy impact.



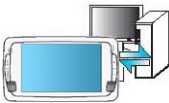
Reduce the volume or power off the device if the sound is uncomfortable (shaking sound).



Do not use earphones or speakers to listen to loud music for a long period of time; otherwise, the hearing may be hurt.



Do not listen to music using earphones when riding a bicycle, motorcycle or driving a vehicle. It is dangerous and it may be against the law in some regions.



When storing important data, please make a back-up copy. POINT-Five, Inc will not be responsible for any data loss due to any reason except troubleshooting in the manual.

# Chapter 1 Before Use

- **Features**

## 1. Application Upgrade / Multi-Codec Player

### **Application Upgrade**

Always up-to-date performance - Firmware Upgrade With Multi-Media Player capable of Firmware Upgrade and always up-to-date performance, you can directly enjoy new and diversified multimedia contents through the addition of new functions, upgrade and performance improvements.

### **Multi-Media Player**

Image files and high definition moving image files (MPEG4, XviDencoded AVI/ASF) may be played.  
(Please refer to Page 49 for the play file specification.)

## 2. Portable Entertainment

### **Separable lithium polymer (Li-Polymer) charging battery**

The battery is rechargeable even if the product is used by connecting the DC 12V adaptor.

The battery has an extended life, approx.

An extra Li-Polymer battery may be purchased to further extend the usage of the device.

### **Built-in speaker**

With the built-in speaker, you can hear play sound without needing to connect an earphone.

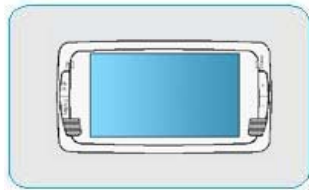
## 3. Simple and Convenient Interface Design

Most menus can be selected directly by hand or stylus without operation on any button.

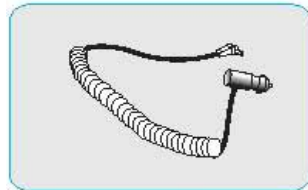
## Contents in the Packaging

- Undo the packaging, and you can see the contents as below:

The following illustrations are to facilitate your understanding of the description, and they may be different from the actual appearance.



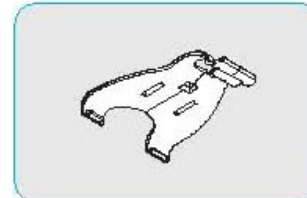
Main Body



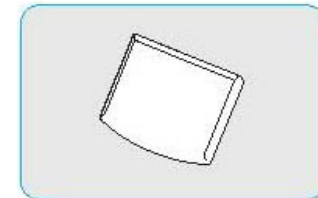
Car Charger



Car Stand



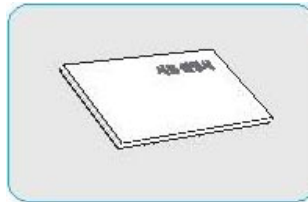
Cradle



Battery Pack



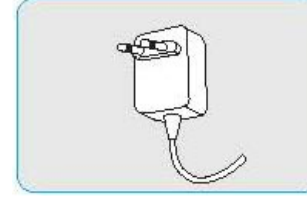
AV Cable (Option)



User Manual



Stylus Pen



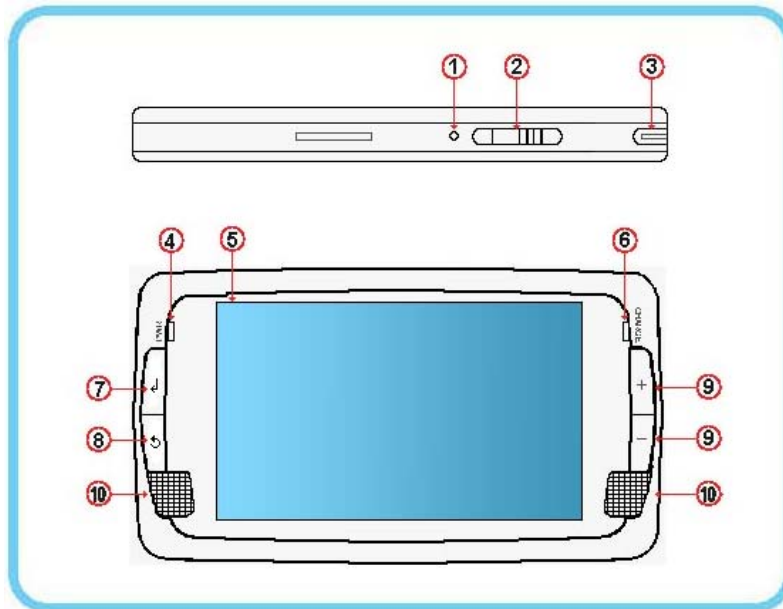
AC Adaptor (Optional)



Earphone (Optional)

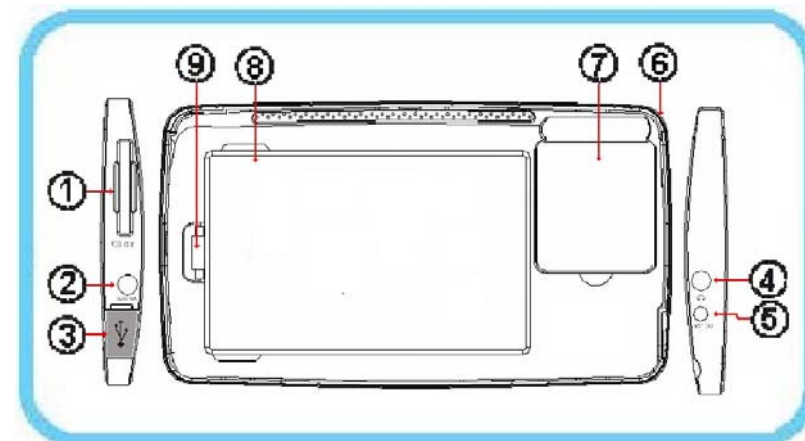
## ● Description of Parts

### ■ Top and Front









- ① Reset
- ② Power ON/OFF, HOLD
- ③ Set Key: Make relevant settings in Movie or Music menu.
- ④ Power Supply LED
- ⑤ TFT-LCD: Display screen
- ⑥ Battery Charging Indication Lamp
- ⑦ Enter key : Press this key to select the foccused item.
- ⑧ Return Key : Press this key to return to the menu. (This key is disabled when Navigation is running)
- ⑨ +, -: Turn the volume up or down.
- ⑩ Built-in Speaker: Used to listen to audio without earphone

### ■ Side and Back

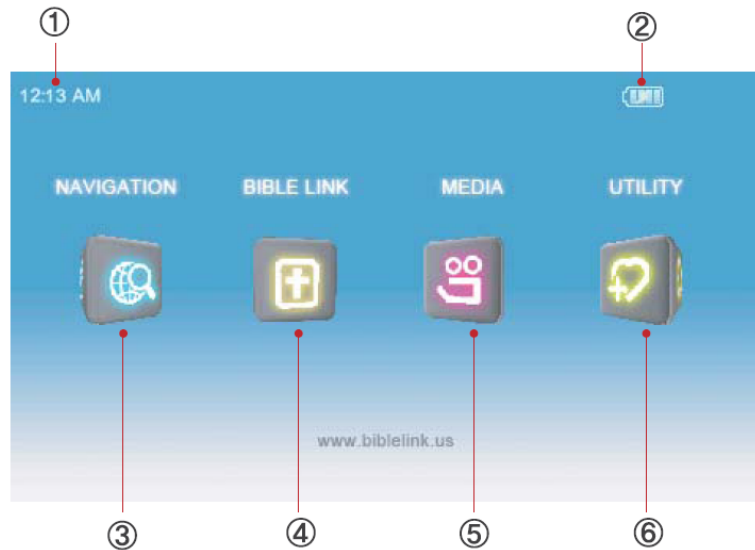


- ① SDMMC Inlet: Take in or out the SDMMC.
- ② SPK-OUT
- ③ USB Connection Terminal
- ④ Earphone Connection Terminal
- ⑤ DC 12V Adaptor Connection Terminal
- ⑥ Portable String Ring
- ⑦ GPS Module
- ⑧ Separable Charging Battery
- ⑨ Separable Charging Battery Separate/Lock Switch

## Description of Buttons






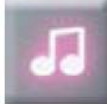












Buttons	Functions and Use
HOLD  Power	<ul style="list-style-type: none"> <li>▶ Push to the right for 3 seconds to power on/off the device.</li> <li>▶ Push to the left to lock the interface.</li> </ul>
Reset 	<ul style="list-style-type: none"> <li>▶ In the case of abnormal operation or freezing of the device, press this button with the tip of the stylus or other peaked objects to restart the device.</li> </ul>
	<ul style="list-style-type: none"> <li>▶ Select the focused item.</li> </ul>
	<ul style="list-style-type: none"> <li>▶ Return to the upper menu</li> </ul>
 	<ul style="list-style-type: none"> <li>▶ Increase or decrease volume, or make a selection up and down.</li> </ul>

- **LCD Screen**
  - **Main Menu**



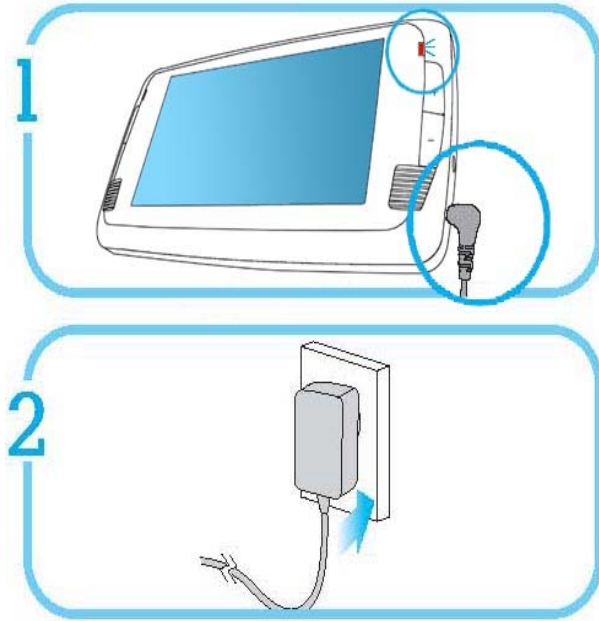
- ① Current Time Display time.
- ② Battery State: Display the remained battery volume
- ③ Navigation.
- ④ BibleLink Player.
- ⑤ Media Player Functions. (Please refer to Page 21)
- ⑥ Utility Functions. (Please refer to Page 16)

## ■ Functions

	<b>Navigation</b> Run the Navigation system		<b>BibleLink</b> Enter BibleLink Menu		<b>Media</b> Enter Media Menu
	<b>Utility</b> Enter Utility Menu		<b>Movie</b> Activate Movie viewer		<b>Music</b> Activate Music function
	<b>Image</b> Activate image viewer		<b>Text</b> Activate E-Book		<b>Buletooth</b> Enter Buletooth Menu
	<b>Game</b> Game Menu		<b>Calculator</b>		<b>Setting</b> Enter the setting Menu
	<b>MAD Man</b> Mad Man Game		<b>Black Jack</b> Black Jack Game		<b>Bacteria</b> Bacteria Game
	<b>Bluetooth Calling</b> Active calling function		<b>Bluetooth Pair Device</b> Active Pair device function		<b>Bluetooth Attribute</b> Active Bluetooth attribute page

## ● Battery Charging

- Fully charge the battery when you purchase a new device or battery for 2.5 hours.



1. Connect the power cable as shown in the figure.
2. Put the plug in the outlet.
3. Once charging is started, the charging LED on the right top becomes red. About 2.5 hours are needed to fully charge.

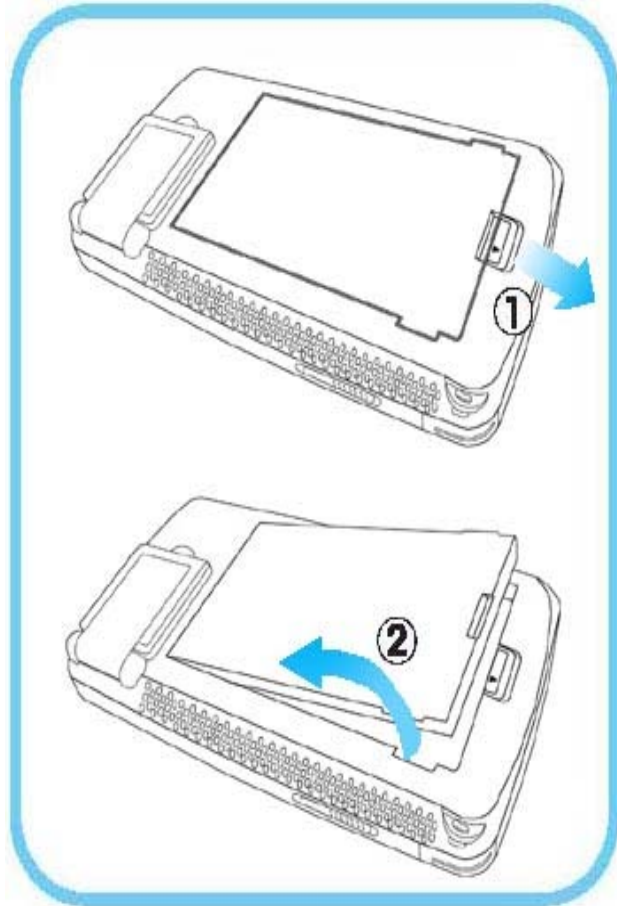
### ☺ How to use the battery

- ▶ Maintain room temperature(5℃ - 35℃) while charging.
- ▶ As the battery is used for an extended period of time, the periods between recharging may increase.
- ▶ When using solely for the multimedia functions or in an area with an outlet, it is recommended to use the power supply adaptor.
- ▶ While the battery is fully charged, the available time to play media and music may vary according to user environment.



## ● Battery Removal/Installation

- If a malfunction occurs, remove the battery and re-insert it. If the battery life decreases due to extended use, replace with a new battery.



Press and hold the power switch to the right (POWER) for about 3 seconds to turn off the power supply.

### 1. Removing the Battery

Remove the battery while pressing the Separate/Lock unit toward ① and carefully pulling the charging battery to ②.

### 2. Press in the battery until it clicks.

#### Caution

- ▶ Charge and store the battery at room temperature.
- ▶ Do not disassemble the battery or store it near a heat source.  
This may result in decreased lifespan of your battery.
- ▶ If the battery contact fracture is short-circuited by a metal such as coin or key, it may cause damage or an explosion.
- ▶ If you leave it as is for a long period of time, fully charge it prior to use.
- ▶ As the battery is consumed, the available period becomes shorter.
- ▶ If a child or a pet bits the battery, it may cause elements within the battery to become exposed. In such cases, contact your Poison Control Center immediately.

- **Basic Operation**

- **Power On/Off**



- Power On**

HOLD  POWER

Push the [Power/Hold] button to the right for more than 3 seconds until the interface is displayed.

- Power Off**

HOLD  POWER

Push the [Power/Hold] button to the right for more than 3 seconds until the message of “Power Off” is displayed. .

- **Set Lock**

- Set**


HOLD  POWER

Push the [Power/Hold] button to the left.

- Cancel**

HOLD  POWER

Push the button to the right to return to the original middle position.

 In LCD OFF state, when the device is set to lock, the touch screen will not response once touched, and the LED OFF state will be kept unchanged. (Power LED shows blue)

- **Enter Menu**



 Click the ICON for a while.

## ■ SD / MMC Card



### SD / MMC Card Insert

With the direction of the contact on the SD/MMC card facing the back, insert exactly as shown in the figure.

### SD / MMC Card Removal

Slightly press the edge of the SD/MMC card. The SD/MMC card automatically pops out.

### Caution

- ♣ If any SD/MMC(SD/MMC Card) not complying with the specification is used, it may be damaged.
- ♣ Do not remove the SD/MMC while reading, formatting, deleting, recording or reading text.
- ♣ Do not insert the SD/MMC in any other manner than stated above.
- ♣ Please be advised that the manufacturer shall not be responsible for any data lost as a result of a damaged SD/MMC.

## ■ Stylus Use

**Touch:** Gently press the desired icon in the screen.

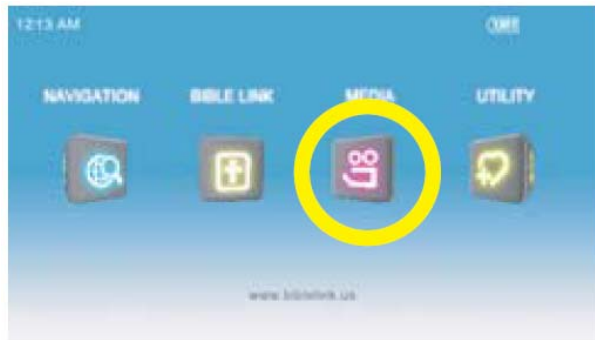
Pressing gently instead of tapping will greatly prolong the life of any touch screen monitor.

**Drag:** Drag the icon or screen while pressing down on the icon with the stylus and simply remove the pen when the object is at your desired location.

- ♣ If you do not have a stylus, you can use many blunted objects in its place such as your finger.
- ♣ If the icon pressed by the stylus is not the target icon, please set Touch Set in Set menu.

## Chapter 2 Use of Media Player

- **Media Player Menu**



1. Power on the device and enter the main menu.
2. Click the Media (multimedia) menu.
3. Display media menu.
4. Select the desired movie file to play.

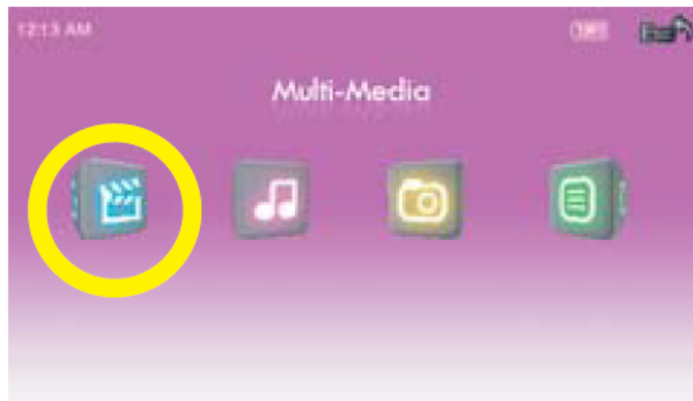
- File List



- ① Select all the playable movie files and music files in the list, or cancel all the files (this function is unavailable in IMAGE and TEXT))
- ② Display the selected movie files (this function is unavailable in IMAGE and TEXT).)
- ③ Display the list name, and the first one is the root list.
- ④ Move the window upwards.
- ⑤ Move the window downwards.
- ⑥ Indicate the selected movie files. Press this list and the relevant interface will be displayed.
- ⑦ Only display present windows when select several files, if you want to move to next file please select drag key.

\* Thumbnail function can slideshow all the image in file list, please take above picture for your reference.

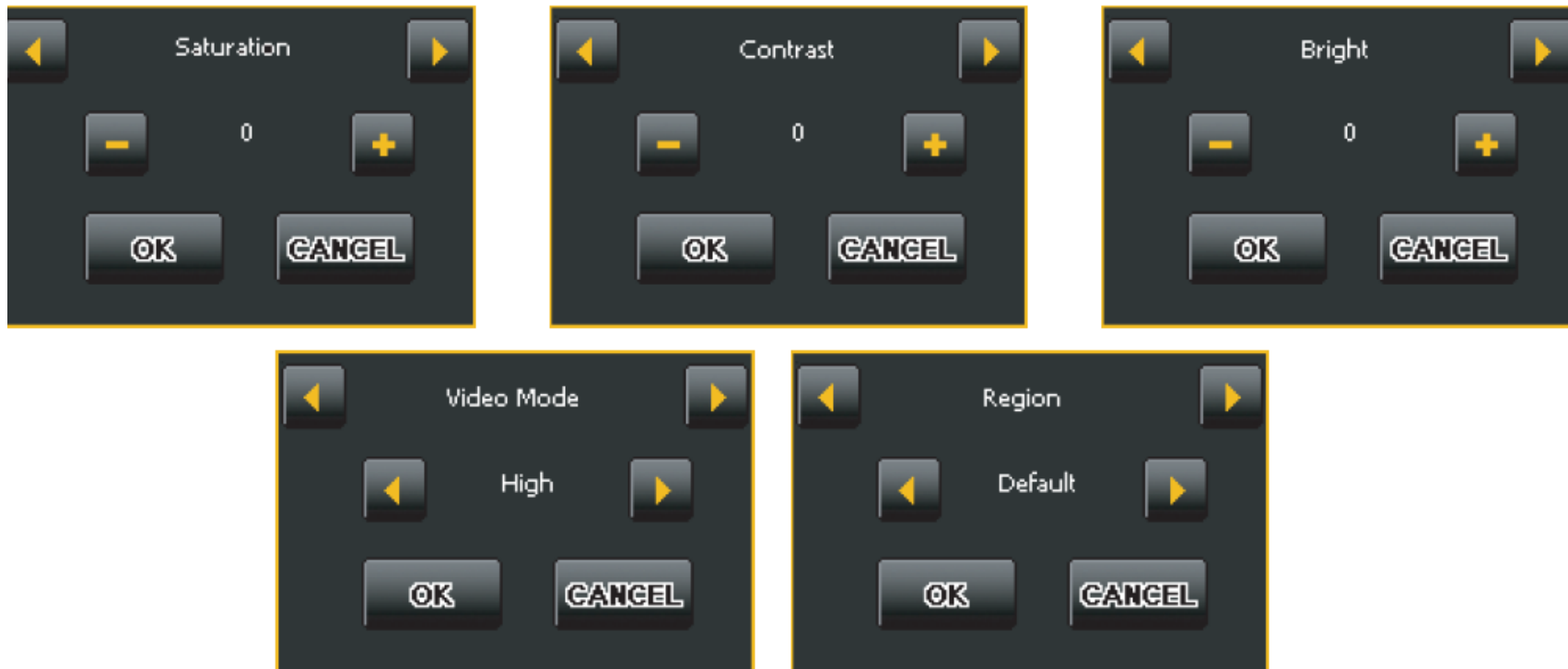
- **Movie Player**



- ① Display or hide the added menus
- ③ Play / Pause
- ⑤ Stop play and resume to the initial
- ⑦ Adjust volume, with stylus or by pressing "+" or "-" Key
- ⑨ The previous / The next movie
- ⑪ Play mode (Normal-> Play List-> Random)

- ② Rewind 10 seconds to play
- ④ Move forward 10 seconds to play
- ⑥ Enable Mute function  
and press the button again to exit Mute state
- ⑧ Display total play time and progress status
- ⑩ Repeat mode (Repeat All->Repeat one)
- ⑫ Set

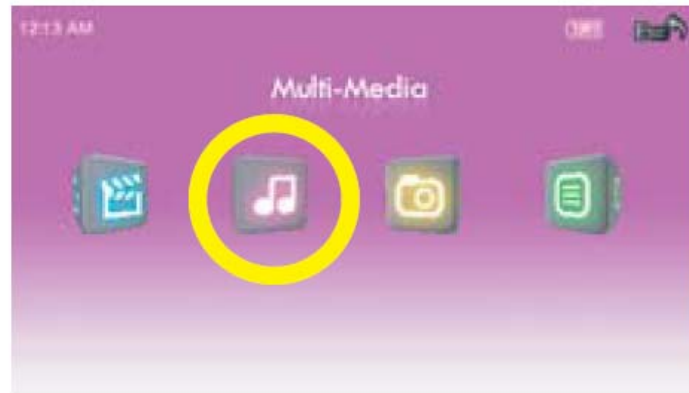
■ Movie Set



- Press “Set” button to set Saturation, Contrast, Bright, Video Mode, Region.
- Press “OK” to confirm and press “Cancel” to resume to previous setting.

- ☺ The starting speed for some Files may be slow.
- ☺ Some files in inappropriate Audio format can only be played with images, but with no sound.
- ☺ When some character display is abnormal, use Region and Subtitle to set proper languages.

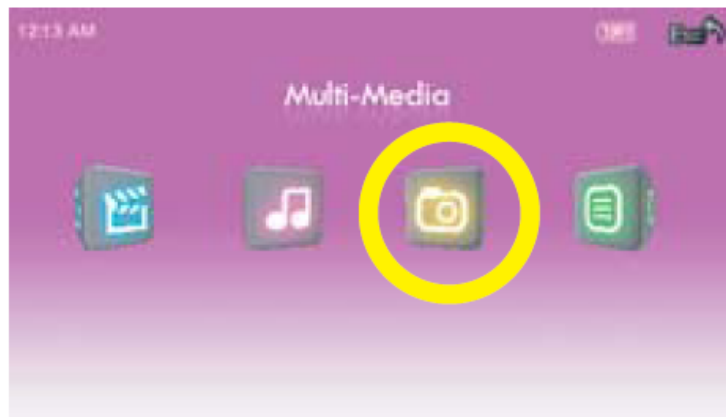
- MP3 Player



- ① The previous song
- ③ The next song
- ⑤ Enable Mute function,  
and press the button again to exit Mute state
- ⑦ 7 EQ mode (NORMAL->CLASSIC->CLUB->  
DANCE->LIVE->POP->ROCK)
- ⑨ Repeat mode (Repeat All->Normal->Repeat one)
- ⑪ Display the name of current playing song
- ⑬ Display progress status, and the device will start to play from the section it is dragged to
- ② Play / Pause
- ④ Stop play and resume to the initial ready -to-play state
- ⑥ Adjust volume, with stylus or by pressing "+" or "-" Key  
start to play from the section it is dragged to
- ⑧ Play mode (Normal-> Play List-> Random)
- ⑩ Activate or deactivate A TO B repeat function.  
Set beginning -> set ending ->deactivate A To B repeat function
- ⑫ Display the progress status and total play time



- Image Viewer



- ① Display the previous image
- ③ Zoon in the displayed images.  
(LCD Size-> x2 -> x4 -> LCD Size)
- ⑤ Slide show

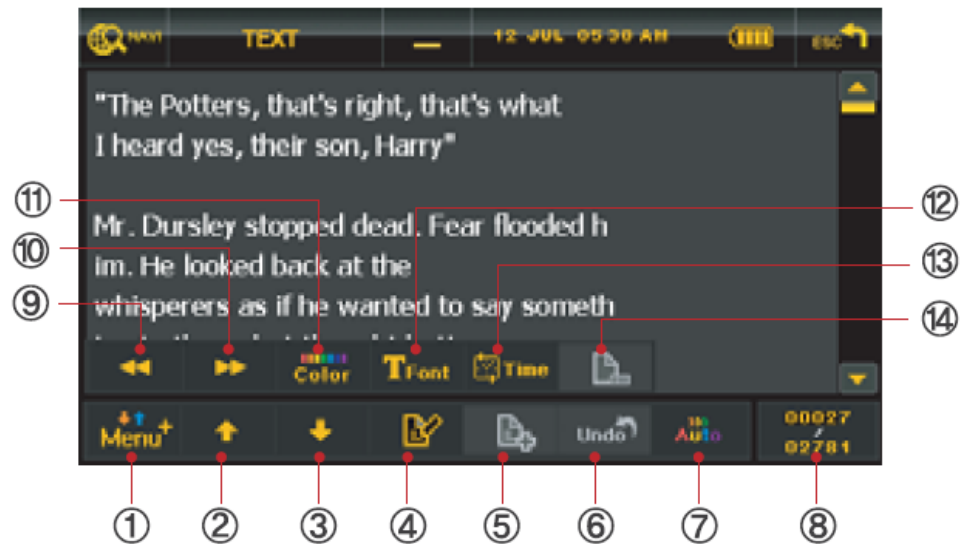
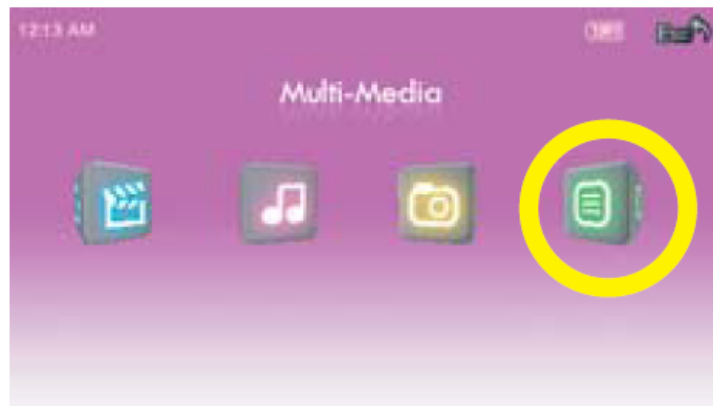
- ② Display the next image
- ④ Rotate the displayed image. (-90° -> -180° -> -270° -> 0°)
- ⑥ Set slide show time. (1s - 10s)

- Click the center of the image to full screen display click again to resume to menu mode.

Double click the center of the image again to resume to Menu Mode.

- ☺ Some high-capacity images may affect the display speed.
- ☺ Some high-capacity images may affect the display size; as a result, the images cannot be displayed in x1.

- Text Viewer



- ① Display or hide the added menus
- ③ Next page
- ⑤ Jump to memorized page
- ⑦ Automatic page turning
- ⑨ Previous text file
- ⑪ Set the background and font color
- ⑬ Set the time of automatic page turning (5s - 180s)

- ② Previous image
- ④ Memorize the current page
- ⑥ Undo moving page
- ⑧ Display the current page number and total number of pages
- ⑩ Next text file
- ⑫ Set the font size (12,14,16,18,20)
- ⑭ Delete the memorized page

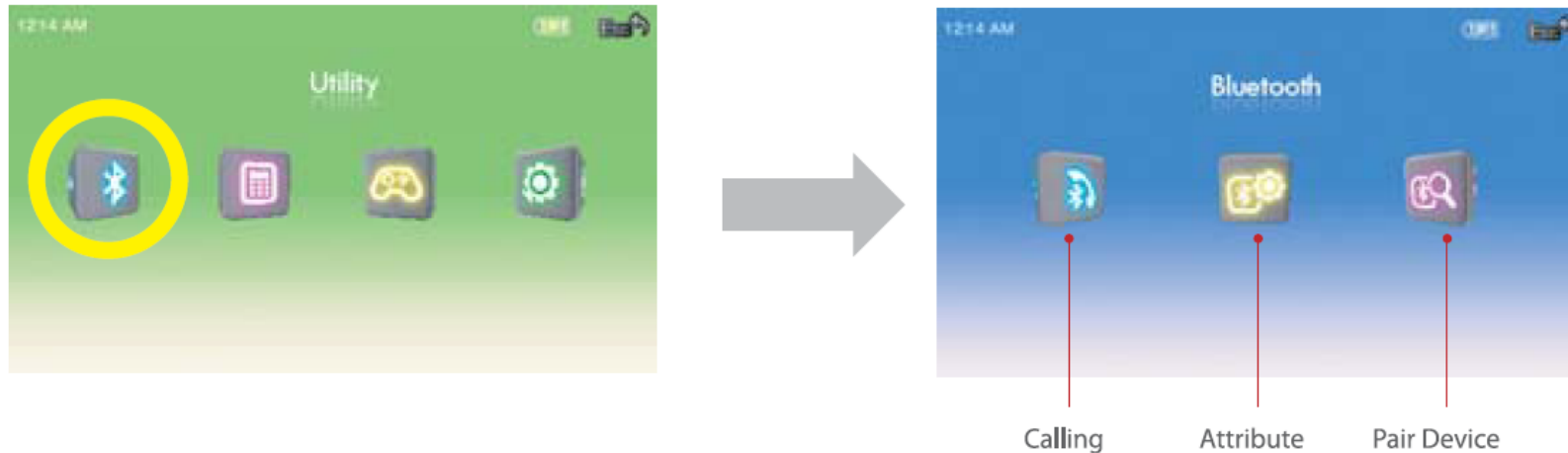
## Chapter 3 Utility Function

- Utility Menu



1. Click Utility menu
2. Display the Utility menu.
3. Select the desired menu to enter

- Bluetooth



## ■ Using Hands-Free Calling

Using Bluetooth wireless technology, your SP430 can connect to your mobile phone to become a hands-free device.

Bluetooth wireless technology establishes a wireless link between devices, such as a mobile phone and the SP430. When the first time you use two devices together, you must “pair” them by establishing a relationship using a PIN/passkey.

## ■ Pairing Your Phone

To pair and connect, your phone and the SP430 must be turned on and be within 2 meters of each other. Initiate pairing from your SP430 or mobile phone. Refer to your phone's instructions.

### ■ To pair using the phone setting:

1. Enable the phone's Bluetooth component.  
This might be in a menu called Settings, Bluetooth, Connections, or Hands-free.
2. Initiate a search for Bluetooth device.
3. Select the SP430 from the list of devices.
4. Enter the SP430 Bluetooth PIN into your phone.

### ■ To pair using the SP430 settings:

1. Touch "Bluetooth Pair Device".
2. Enable your phone's Bluetooth component.
3. Touch "Search"  on the SP430.



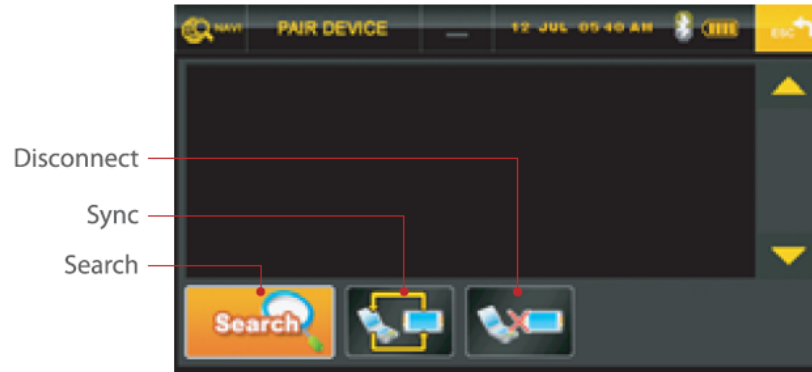
4. Select your phone, and touch “sync” .



5. Enter the Bluetooth PIN in your phone.

When your phone is connected to your SP430, you are ready to make phone calls.

NOTE: Not all phones support all features of the SP430 Phone Menu.



## ■ Receiving a Call

When you get a call, the Incoming Call window opens.

Touch Answer to answer the call and touch Ignore to ignore the call and stop the phone from ringing.

## ■ Dialing a Number

1. Touch Calling Menu.



2. Enter the number, and touch SEND.



## ■ Adjust a Volume

1. Touch Phone Dial.



2. To adjust a volume, touch + or - button.

## ■ Switch between calls.

1. To switch between calls.

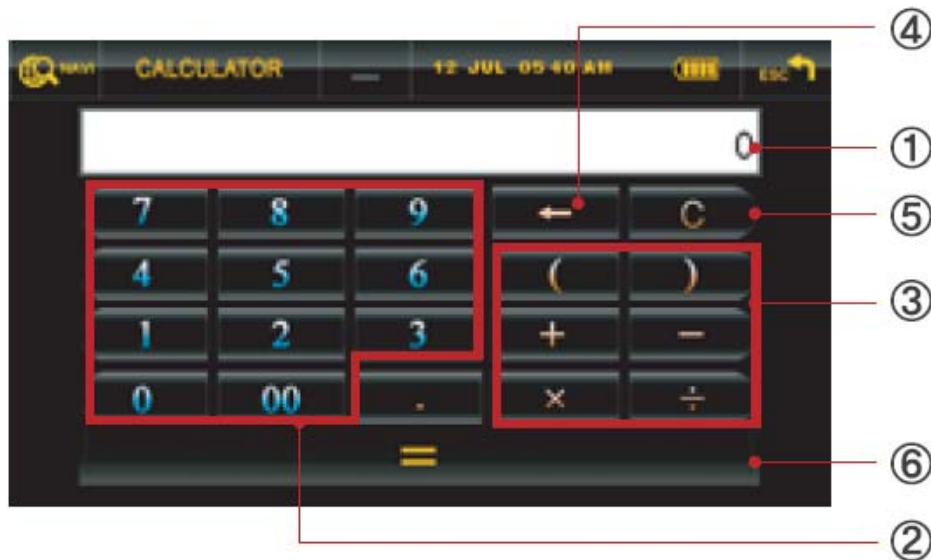


## ■ To mute Mic.

1. Touch  to mute MIC.



## Calculator



1. Display numbers of the calculator.
2. Number button
3. Symbol button
4. Delete button
5. Delete all data
6. Display results





- ☺ Used in the same way as normal calculators.
- ☺ ( ) indicates the priority calculation, e.g.  $5*(3+2) = 25$
- ☺ Able to calculate up to the number of million and zero point one hundred thousand.



- Game

## Mad Man

### ■ Game Rules (Sokoban Puzzle)

- Move  , and push Box  to the specified position  , and when the box is successfully pushed to the target position,  icon will be displayed.
- When two Boxes lean against each other, it is impossible to push them together.

## Back Jack

### ■ Game Rules

- Blackjack is a card game where the goal is to get closer to 21 points.  
A Card serves as "1" or "11", and J, Q, K serves respectively as "10".
- If two cards amounts to 21 points, it is a Black Jack, and the player will be awarded by 3 times of the bet.
- The player can receive cards unconditionally if the points are less than 17 points, and should not receive any card if the points go over 17 points.
- If the total points exceed 21 points, it is a Busted. It means the player is a loser.
- If the Player has won, he/she can be awarded with the double of the bet.

## Bacteria

### ■ Instructions

Copy or move self-Bacteria, transfer the rival's Bacteria as your own Bacteria, reproduce self-Bacteria quantity more than your rival side.

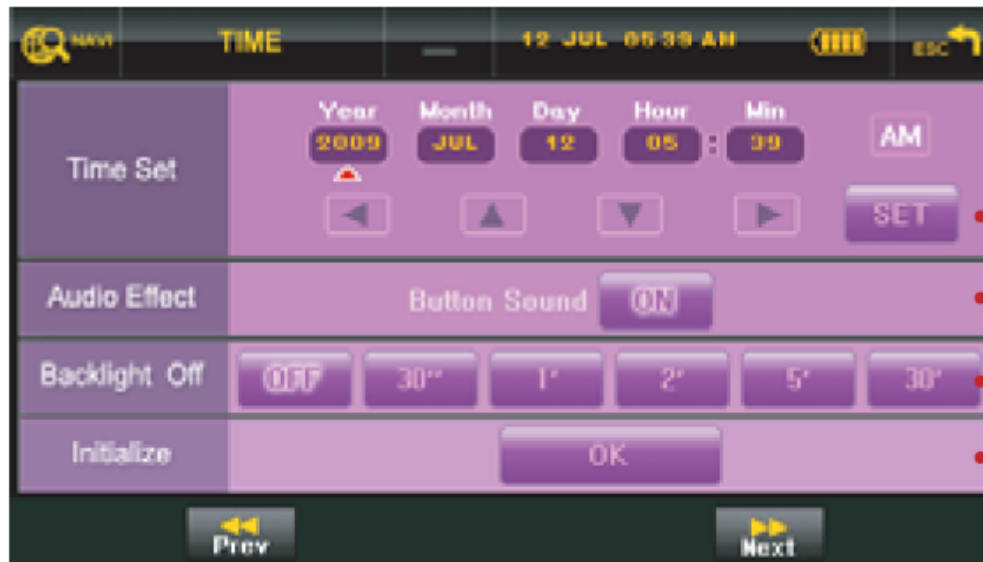
Reproduce Bacteria : copy and move Bacteria of rival around you , reproduce self-Bacteria .

Copy Bacteria : after pressing copy Bacteria , then press the interfacing location

Move Bacteria : after pressing the Bacteria which will to be moved , then press the location where will to be moved in. Moving range is limited to only one grid range apart.

The Quantity of bacteria will decide winner or loser at the end of game. then start new game.

- Personal Setting



Set the current time

Set or cancel button sound

Set or cancel LCD off time. (30 s. ~ 30 min.)

Set the initial value.



Information of device.

Select the language region.

Firmware upgrade. (Please refer to the homepage.)

Calibrate the touch screen.

## Chapter 4 Troubleshooting

- **Check the Following Points before Referring to the Customer Service Center**

- If the device is not operated properly, check the following points.
- If the problem is not solved, contact the Customer Center.

Troubles	Check & Solutions
The power supply is not switched on.	When the battery is fully consumed, the power supply is not turned on. Charge it and try to turn on the power supply.
Operation failed even when the on button is pressed down.	If the HOLD button is locked, the function is not selected. See if the button is proper or not and press it again.
The screen is not viewable.	If it is used under direct sunlight, the screen may not be viewed well. In LCD OFF state, no interface can be seen. (POWER LED shows blue)
The power supply is switched off.	When the battery is fully consumed, the power supply is automatically switched off. See if the battery needs to be recharged. Also check your settings to see if it is at stop status.
Battery needs frequent recharging.	As the battery is a consumable, the battery life may shorten gradually. If the charged product is left at high or low temperatures, the available period may be shortened. The available period may also decrease according to frequency of use.
Sound is not played.	See whether or not a playable file is saved. See whether or not there is a music file saved in the SDMMC (SDMMC Card). Check battery level.
Files (data) are lost.	See if or not power supply/USB cable is removed while the files or data are transmitted. Then, a fatal error as well as loss of a file or data may occur. Our company is not responsible for damage from data loss.
The device is heated.	The device may be heated during charging. However, it does not influence the life and performance of the product..
No movie files are displayed, and it returns to the file list.	See whether or not a playable file is saved. See whether or not there is a movie file saved in the SDMMC (SDMMC Card). Check battery level.
The image file is not played.	Some image files not conforming to the product specification may not be played. See the product specification.
The TEXT files appear fragmented.	Some Text files may be displayed abnormally. Please confirm again after the files are converted to UNI CODE format or REGION.

- **Product Specification**

- **General product specification**

Category	Item	Specification
Navigation	GPS	GLONAV
Audio	Frequency range	20Hz - 20KHz
	Earphone output	Left 20mW + Right 20mW
	S/N ratio	94dB
	Frequency feature	± 3dB
	Channel	2 CH Stereo
Video	LCD	4.3" TFT LCD
	Resolution	WQVGA (480x272)
	Composite output format	NTSC/PAL
Play time	3 hours for Movie (earphone connection)	
Memory	DDR RAM : 64MB	
	NAND Flash Memory : 64MB or 2GB	
Power supply	Adaptor	12V 1A
	Built-in battery	Li-polymer 1850 mAH
General spec.	Dimensions	141(W) x 78.3(H) x 20.5 (D) mm
	Weight	
	Operation temperature	
	Product type	Personal Navigation Device
	File system	FAT/FAT32 File System

■ Play File Spec.

Category	Item	Specification
Audio	Support file	WAV, MP3, WMA, OGG
	Audio Codec	MPEG 1/2/2.5 Layer 3, 8kbps~320kbps
		WMA7/8/9, 8kbps~320kbps
		OGG Q0~Q10
	Text Support	Lyrics File format
	EQ	7 preset EQ (NORMAL, CLASSIC, CLUB, DANCE, LIVE, POP, ROCK)
	Channel	2 Channel (Stereo)
Video	Support file	AVI, WMV, MPG, MPEG
	Video Codec	MPEG-4(SP,ASP), XviD, WMV7/8/9, MPEG-1
	Resolution	XviD, MPEG-4: D1 (720x480) @30fps
		WMV: WQVGA (480x272), 500kbps
	Audio Type	MP3, WMA, AC3
	Text Support	smi format support
Image	Support file	Non-Progressive JPG, BMP, GIF, PNG
Text	Support file	MS-DOS type, UNI-CODE, Normal Text

# Class B device

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to 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/TV technician for help.

CAUTION : Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

**FCC Caution:** To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. 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

**IMPORTANT NOTE:**

**FCC RF Radiation Exposure Statement:**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## Refer to the customer service center

Homepage : [www.iwaveinc.com](http://www.iwaveinc.com)

Address : 3070 Driftwood Drive San Jose, CA 95128-4444

### ■ If you visit directly to the Customer Service Center

- You may visit at 10:00 am 5:00 pm Pacific Standard Time on weekdays.
- The Center is closed on Saturday, Sunday and national holidays. Please check this before your visit.
- For more details, refer to the company's Homepage.

### ■ Repair with charge

- Even in the warranty period, a fixed repair cost shall be required or replacement with charge shall be inevitable for the following cases:
  - Trouble arising out of misuse or negligent use.
  - Disassembles and remodels of the product for any reason.
  - Damage due to impact.
  - Corrosion due to submersion or pollution from foreign substance.
  - A fault arising out of wrong use of peripherals not provided by Lake Stream, Inc.
  - Recognized as user's mistake.
  - Impossible to identify the product ID. Number due to damage to the product.