

MOTORäderTM
MOTORCYCLE GPS

USER MANUAL

FOR HARDWARE

Refer to www.motorader.com.au
for the navigation user manual

Please read this manual carefully before operating your navigation device. Retain it for future reference. Operation of our device is very easy, simply you press the button or touch the screen.

What is GPS?

The Global Positioning System (GPS) is a satellite-based navigation system made up of a network of 24 satellites placed into orbit by the U.S. Department of Defense. GPS was originally intended for military applications, but in the 1980s, the government made the system available for civilian use. GPS works in any weather conditions, anywhere in the world, 24 hours a day. There are no subscription fees or setup charges to use GPS.

Safety is the most important, the followings you must comply with:

1. Always operate the vehicle in a safe manner. Do not become distracted by the navigation while driving, and always be fully aware of all driving condition. Minimize the amount of time spent viewing the screen of the navigation while driving and use voice prompts when possible. Do not enter destinations, change settings, or access any functions requiring prolonged use of the unit's controls while driving. Pull over in a safe place before attempting such operations.
2. Do not kink or crease the power cable or place heavy objects on the power cable. Fire can result from damaged power cables.
3. Immediately power off the player and unplug the AC adapter if smoke or odors emit from the player or adapter.
4. Note that malfunctions may occur if you use the product in places where

static electricity occurs frequently.

5.Never attempt to open and repair the product yourself.

6. Please use the battery that the machine provided , or the product maybe Damaged

7.Do not use for many hours at extremely low or high temperature.

8.If the product emits an unusual ordor or excessive heat, or you notice anything else that seems unusual, do not use the product .

9.when you install the mount,fixed well the machine to motorcycle handlebars, to avoided the machine fall down and damaged

10.When attaching a navigation holder to car, remove impurities on the surface before attaching, and press suction cup lever to avoid falling.

11. Please power-down before moving the product

12. When you install the machine to the backup,please make sure there is no water on the power contact, so as not to damage the machine.

13. Please put the power line in a suitable place to avoid any accident when you are driving.。

14.Please obey the practical traffic regulations. Voice guidance and map route may differ from the actual traffic condition.

Accessories:

GPS-----	1	Stylus Pen-----	1	Power Cable-----	2
Mount-----	2	Nuts-----	4	Battery-----	1
Cradle-----	2	USB Cable-----	1		

Name of the components:**Host GPS Device:**

- ① Power Key: Power on/off
- ② Display Screen
- ③ MINI USB Port: 1.Exchange the data with PC by MINI USB Cable.
2.Charge the GPS device by connecting AC adaptor or car charger
- ④ Reset: Press this key to reset the system
- ⑤ Speaker
- ⑥ External Power supply: Connected with outside power supply like GPS storage battery.
- ⑦ Micro SD card Slot:

Connecting devices (Motorcycle)

A) To install an external power credle and mount

1. Rotating the fixed knob, rotated the mount to the shape as illustrated.
 2. Take 4pcs screws out from the bag .
 3. The direction shown by the arrow.put the screw into the screw jack of the fixed-disk mount
- Finally fixed the external power backup & mount with a screwdriver



Note: **The top of the stylus can be used as a screwdriver**



B) Install the machine to the external power backup

1. Install the machine to the credle as shown .
2. And then rotated the screw according to ↻ direction, until it is fixed with machine



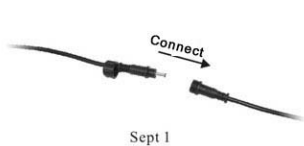
C) Install the mount to the motorbike handlebar

1. Place the mount in proper position.
2. And then take it off from the U-shape mount
3. As shown, At last fixed U-shape mount & handlerbar with screws

Note: when the user install, need to consider the location of installation to make sure safety,also need pay attention & take on the duty by yourself

D) Connected the external power backup with the external power device

1. Connected the power line of the backup with the external device
2. Tighten the waterproof ring according to picture shown



E) Connected the external devices with the power of motorcycle.

1. Connected the end line of the external devices with the motorbike's power

Note: when the user connected the power, please consider the right position, it is the best if the relevant technician can help you, because of your personal fault, you should take the responsibility for yourself.



End line of the external power

Connecting devices (CAR)



Power Supply

The device has three ways of power supply:battery supply , AC Adapter and car adapter

(1)Lithium battery

When the device doesn't connect with the adaptor, it is supplied by the lithium battery.

(2)AC adapter (usually optional)

When the device connects with the adaptor, it is supplied by the outer power supply.

Tips:Under normal condition(volume and backlight at 50%),it can last about 3~4 hours After the battery is fully charged. Some functions need to consume a lot of battery energy, Such as music/video playing, height backlight, which may reduce the using time.

3) CAR adapter

Connect the Car adapter to USB port on the device and plug the other end to cigarette jack.

Notice

(1)The Device comes with two removable batteries.

(2)Charge the battery fully before initial use.

(3)Charging time is normally about 3 hours.

Charge



1.Install the GPS to bracket and make sure there is a well connection between host and bracket power connector

2.Make sure the device connector has been locked in order to avoid the water

entering and lead short-circuit.

3.Connect the input end to the device storage battery, tie the charger cables to the device body in case of cable shaking and the influence driving.

Micro SD card

1. Removed the battery cover according to  with a screwdriver
2. Open the battery cover, and take out the battery, then put Micro SD card into the slot, and then replace the battery, finally install the battery cover, Tighten the screw according to  direction
- 3.One side of USB insert the product,and the other connected with the computer.

Note: During transmiss the date. please do not pull out the card.

Connect to PC

Ensure the device, and any other external device connected to the unit, is power off and unplugged from the power supply before you attempt to connect the unit to any external device. The Device comes with an USB port for connecting to a PC with the supplied USB cable.

Caution:Plase remove the USB line after finishing the data transmission(just operate it as the USB flash disk)

Connect to Bluetooth earphone(usually optional)

1. Only support Bluetooth earphone (which can search the phone, but can not connect)
2. According to instructions ,after successfully connected,, you can enjoy a personal listening.


Tip: When connected the Bluetooth earhpone, the speaker of the host will auto turn off

Main Menu

Main menu will be displayed when the device is power on.



Multimedia














Tap  Enter Multimedia interface.



Music

Tap , Enter Music interface.












	Play		Playing Time
	Pause		Item name
	Stop		Playing Progress
	Previous		Volume Adjustment
	Next		Return
	Circle play		Close
	Random play		

Video

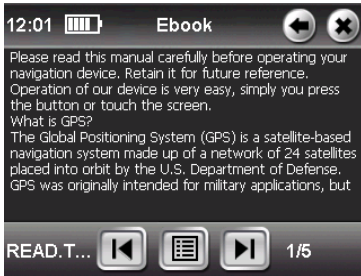
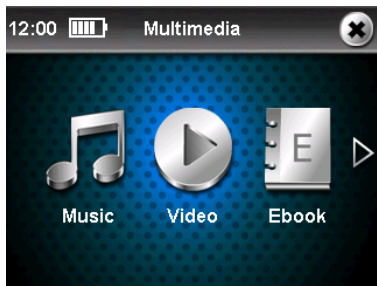
Tap , Enter Video interface.










	Play		Playing Progress
	Pause		Volume Adjustment
	Stop		Return
	Previous		Close
	Next		

Ebook

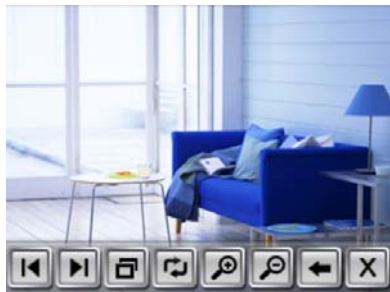
Tap , Enter Ebook interface.











	Item name & format
	Load book mark
	Previous
	Next
	Current page/Total page
	Return
	Close


Photo

Tap , Enter Photo interface.



	Previous		Return
	Next		Close
	Full screen		
	Rotation		
	Zoom in		
	Zoom Out		

GPS

Tap . When you initially orient, you had better to go to a open place without upper shelter and wait for patiently .

Setting

Tap , Enter Setting interface.



Bluetooth

Tap , Enter Bluetooth interface.




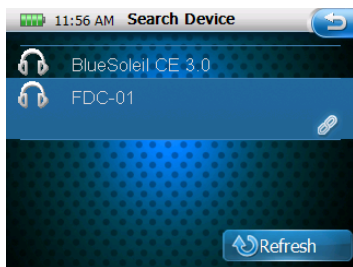
1. Enter Bluetooth and tap “setting”



2. Enter Setting and tap “search Device”



3. Search Bluetooth earphone,
tap  link the device





4. link success, it shows:

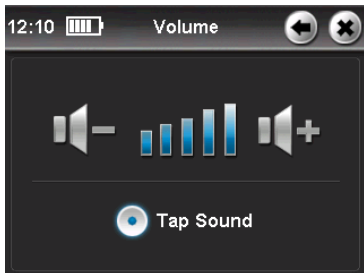


1. Only support Bluetooth earphone (which can search the phone, but can not connect)
2. According to instructions ,after successfully connected,, you can enjoy a personal listening.



Tin: When connected the Bluetooth earhpone, the speaker of the host will auto turn off

Volume

Click   to adjust volume.



Backlight

Click   to adjust lightness.



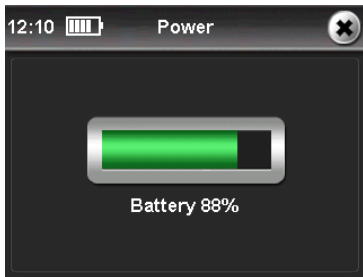
Date

Click to adjust the date/time/zone.



Power

Enter this interface to see the power situation.



Language

Enter this interface select language.




Theme

You can choose different colour for background according to your like



NaviPath

click  to adjust the navigation path.



USB

choose the connection way to GPS once.



System

You can see relevant information from left picture entering the interface



Gps test tap it,GPS search star test.

Factory Res... tap it,it gets back to original setting.

Calibration When you tap the menu or operate the device, touch panel isn't sensitive, you need to adjust the touch panel.

Specification

- Weight: 190 G
- product size: 105mmX88.7mmX23mm
- 3.5 inch touch panel, TFT screen
- Display color: 65k colors
- Display resolution: 320 x 240 Pixels
- CPU Chipset: SAMSUNG S3C2416 processor533MHz
- Operating System: Microsoft WinCE.NET5.0 (Core Version)
- Built-in Memory: 128MByte DDR2 SDRAM
- Flash Memory: 2GB (NAND flash)
- Built in Bluetooth
- Waterproof IP54
- Audio Format: WMA,WAV
- Video Format: AVI, ASF
- Photo Format: JPG, PNG, TIF
- Battery: 3.7V 1150 mAh Li-Ion Battery
- Expansion Slot: Micro SD card Slot (Maximum support:8 GB)
- Speaker: Built-In Speaker
- USB: USB2.0 Mass Storage USB connector (Mini Port)
- Hot Start: <=5sec (Open Sky,-130dBm)
- Warm Start: <=38sec (Open Sky,-130dBm)
- Cold Start: <=45sec (Open Sky,-130dBm)
- Satellite Reacquisition Time Accuracy: 100 Ms
- Position Accuracy: <5m (Outdoor,-135dBm)
- GPS frequency 1575.42MHz
- Sensitivity: -157 dBm
- GPS Module: High Sensitivity Receiver (NXP GNS7560)

- Accuracy and velocity < 10 meter, 0.1m/s
- Antenna Real built-in antenna (built-in GPS high sensitivity receiver 42 channel)

- Firmware upgrade:site : Micro SD
- Operation time(maximum): about 3 hours (when battery full power)
- Standby time(maximum): 6 hours
- Operation temperature: -10° C to +50° C
- Storage temperature: -20° C to +70° C
- Support language: multilateral language

Disclaimer

Unauthorized distribution of this manual is strictly prohibited. All features and specifications are subject to change without notice. All the pictures in this manual is simulation. The practicability will be prevailing!