



MobileCompia M3

Manual for Vehicle Cradle

Please read the '**caution on use**' before using the device for the safety.

Mobilecompia Homepage

<http://www.mobilecompia.co.kr>



Important Information

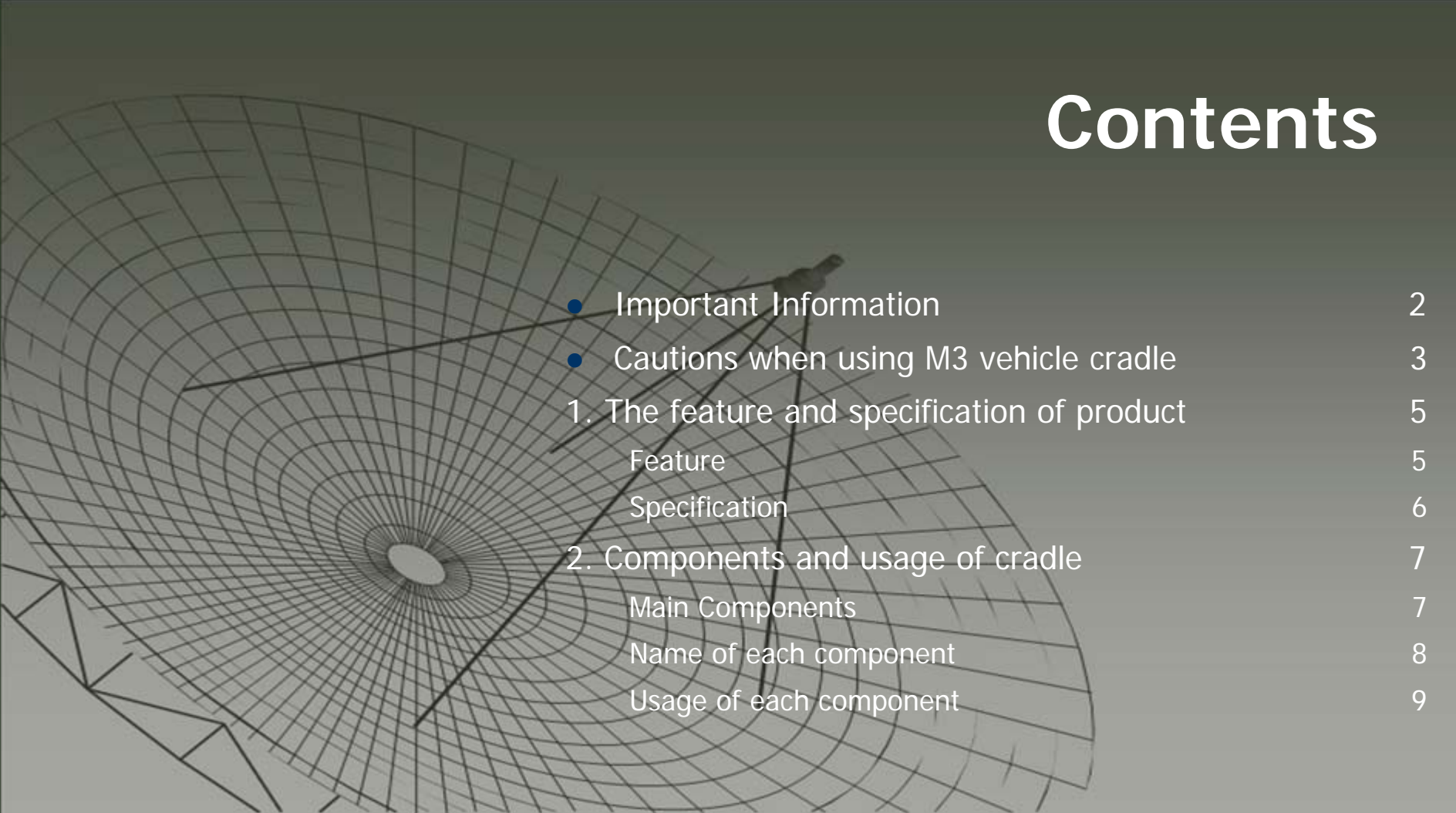
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- MOBILE COMPIA Co., Ltd. makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.
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- Due to the use of wireless communication on this device, in some areas there might be a noise inflow.



Caution when using the M3 vehicle cradle

- User Caution
 - Please do not place a heavy object on the product.
 - Please do not allow an excessive shock such as a high pressure or a dropping from height.
 - When cleaning the product, please do not use a wet cloth.
 - Please do not try to disassemble or repair the product. If the damage is caused by user's careless mistake, the cost-free service will be not provided.
 - For power supply, please make a use of the cigar plug which comes along with the product.
 - When there is an abnormal smell or smoke coming out from the cigar plug, please unplug it.
- Carrying and Storage Caution
 - Avoid to use the device under high temperature and humidity. It may cause fatality to the device.
 - Avoid intentional dropping from high elevation. It may cause fatality to the device.

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The feature of product

- The vehicle cradle is adjustable to any direction.
- It is easy to install and use.
- According to the user's requirement, it is possible to choose the type of GPS receiver either as integrated or as external.
- It is easy to mount and unmount the device on the cradle.
- By one time fixing, it can firmly stand against impact or shaking.



Product Specification

- Basic Specification

Input Power	DC 10V ~ 26V
Max. power consumption	Max. 1A (at 12V)
Output Power	DC 5.2V / 2A

- GPS Specification (Integrated type)

GPS Receiver Type	L1 Frequency, C/A Code, 20-Channel(using SiRFstar™ III GPS)
Accuracy in location	Position < 10m 3D rms
Maximum Speed	515meters/sec max
Maximum Altitude	18,000meters max
Time to First Fix	60sec(Cold start), 40sec(Warm start), 8sec(Hot start)
Re-acquisition Time	5sec(typical) (Within 60sec GPS signal obstruction)
Reception	-156dBm
Protocol	NMEA 0183 9600bps

 Depending on the circumstance the initial GPS reception may take several minutes.



Main Components

- At the first time of opening the product box, please check if it contains all the basic components, listed as following.

Basic Components



Cradle Main Body



User Manual



Vehicle Mount
(option : suction type or screw type)



Cigar Plug

Optional Components



Integrated GSP receiver



External GPS receiver

- Integrated or External GPS receiver is available as option.
- Fuse is built in the cigar plug.

Name of each component



⚠ The serial connecting port is available only when M3 Plus.

Usage of each component (1)

- How to connect and install the vehicle mount
 1. Fit the vehicle mount to the hole at the back of cradle and put it in.
 2. Adsorb the vehicle mount on the vehicle window.
 3. Put the cigar plug into the power jack at the right-bottom side of main body.
 4. Put the cigar plug into the cigar jack of vehicle.
- How to mount the terminal
 - Push down the terminal to the front holder of main body until it touches the I/O jack completely.
- How to power on/off
 - Power is on, when it is supplied by putting the cigar plug into the cigar jack
 - Power is off, when the cigar plug is unplugged or the vehicle's engine is stopped.
- How to remove the terminal from cradle
 - While pressing the detach buttons at the each side of cradle, grip the terminal and lift it up from cradle.

- ⚠ Please do not force when removing the terminal from cradle. It can damage the terminal as well as the cradle.
- ⚠ Starting vehicle's engine while the cigar plug is plugged into the cigar jack can impact the fuse by sending electric current into it, depending on the manufactured year and the type of vehicle and etc.
- ⚠ When the fuse is damaged, you can replace it with the fuse for 3A/250V. (Fuse is placed inside of cigar jack)

Usage of each component (2)

- How to connect and install the vehicle mount

1



Fit the vehicle mount to the hole at the back of cradle and put it in.

2

Suction type



Adsorb the vehicle mount on the vehicle window. Turn it from OFF to ON to adsorb.

Screw type



Fix the vehicle mount by driving a nail into dashboard.

3



Put the cigar plug into the power jack at the right-bottom side of cradle.

External Type



In the case of using external GPS receiver, connect the receiver to the cradle as like the above picture.



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