

Product Introduction, *RN1*

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Topics

- ***RN1* Introduction**
 - Product Brief
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 - System Specification
 - Sales Package

Product Brief

PND



PND

RN1



Navigation

Key Features

- GPS navigation
- TMC for Option
- Ultra Slim,
Thickness in 11.95mm

Key HW Spec.

- Processor
Freescale ARM9
- Memory Configuration
64MB mobile DDR
1GB on Board Flash
- Display
3.5" TFT-LCD w. Touch Panel
QVGA 320x240
- GPS
MTK
- TMC
RTA -3000, Optional Accessory
- MISC:
mini SD Card Slot
mini USB B-type
(2.0 High Speed)

Key SW Spec.

- OS: Windows CE 5.0
- Car Navigation Application

Power System

- Battery Li-polymer, 500 mAh
- Normal Usage 2 hrs
(in Default Backlight)
- Navigation 1.5 hrs
(in Default Backlight)

Dimension & Weight

- 95.6mm x 74.7mm x 11.95mm
- 106 g

Power Cradle Option

- Power only

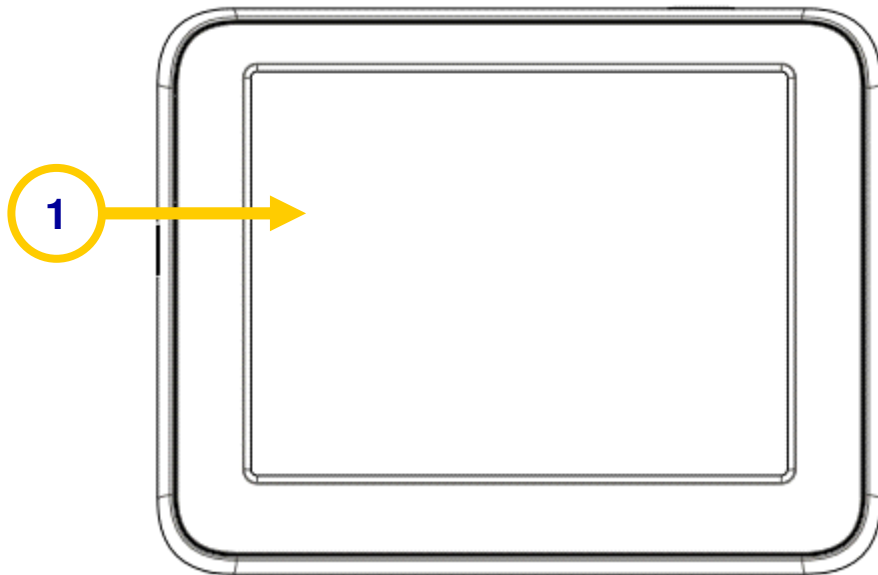
RN1 Outline



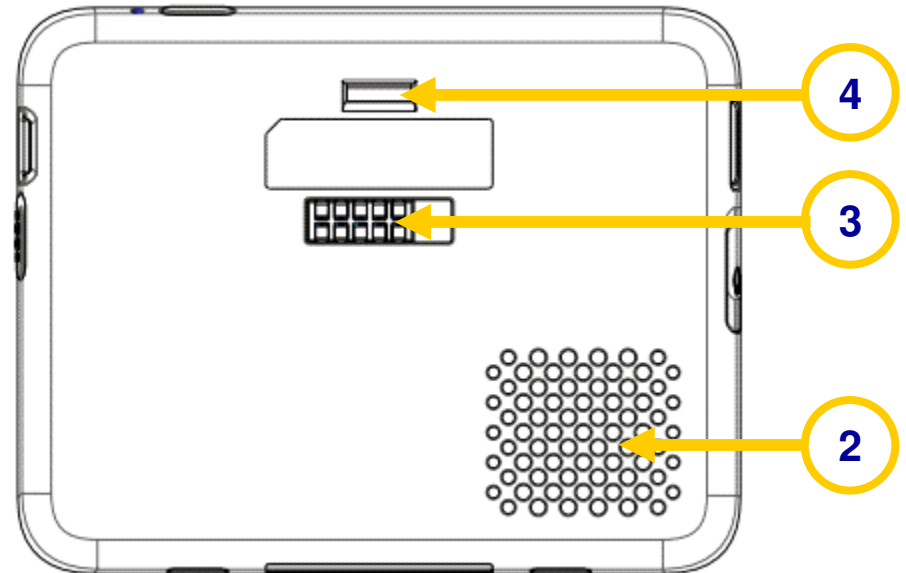
System Tour (1/4)

Front and Rear Panels

Front Panel



Rear Panel



System Tour (2/4)

System Tour -- Front and Rear Panels

No	Icon	Component	Description
1		Touch Screen	Displays the applications, data, and map images available on your device. It is touch sensitive and responds to finger taps.
2		Speaker	Emits system sounds.
3		Car Kit Connector	Connectors for connecting to Cradle for optional applications
4		Hook Point	Fixed Point for Cradle

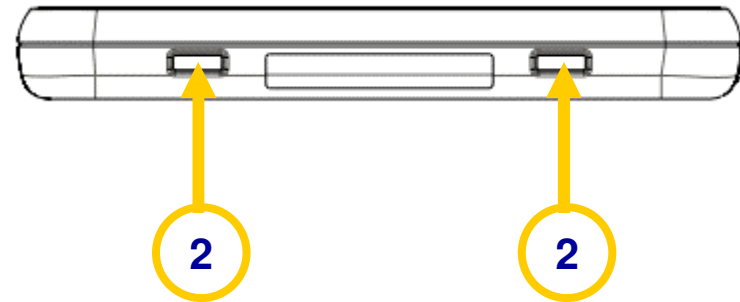
System Tour (3/4)

Top and Bottom Views

Top View



Bottom View

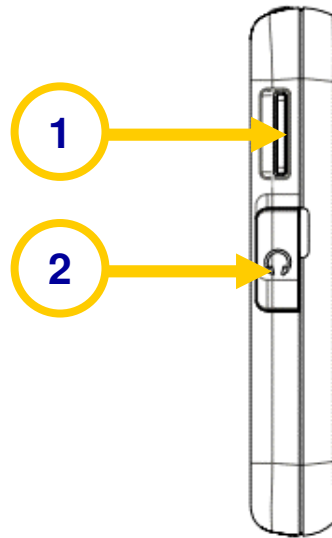


System Tour – Top and Button Views

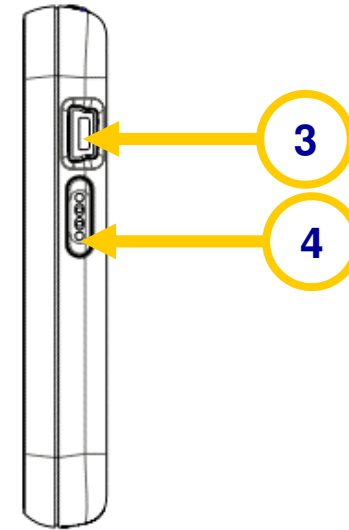
No	Icon	Component	Description
1		Power Switch	To turn On/Off the device.
2		Car Kit Hooks	Fixed Points for Car Kit.

System Tour (4/4)

Left Panel



Right Panel



System Tour – Left and Right Panels

No	Icon	Component	Description
1		Micro-SD slot	Accepts micro-SD (Secure Digital) memory cards.
2		Ear-Phone Jack	Jack Port for Ear Phone
3		USB Charging Port	USB Charging Port for Battery Charging
4		Battery Switch	Switch On/Off for Battery Power.

Features (1/2)

Powerful System

- Microsoft Windows CE version 5.0 operating system
- ARM9 processor @ 360MHz Clock Rate
- Latest high sensitivity GPS chipset and firmware solution
- Rechargeable 500 mAh Li-polymer battery

Wide and Accurate GPS Coverage

- Intuitive and intelligent navigation software
- Integrated chip antenna for optimum satellites pick up

Mobile Design

- Compact dimension in 95.6 x 74.7 x **11.95mm**
and lightweight body (only **106grams**), makes it easy for you to carry it anywhere
- Car mount kit for multi-vehicle usage
- On-the-road recharging options via the car charger

Battery Life

- Normal usage: 2 hours (in Default Backlight)
- Navigation software usage: for more than 1.5 hours (in Default Backlight)

Features (2/2)

Ergonomic Features

- 3.5-inch WQVGA touch-sensitive LCD screen
- Simple, easy-to-use user interface with large icons and command buttons
- Multi-language user interface

Multimedia Program

- **Photo** for your favorite digital pictures

TMC Accessory, Option for Traffic Information Application

- **RTA-3000 TMC Accessory** for selected models

Smart Cradle Option

- Power Cradle only

System / Smart Cradle Definition

System Definition List

Model	Definition Description
RN1	Basic Model, GPS only

Smart Cradle Option

Power Cradle only

System Specification (1/4)

Hardware Features

Aspect	Description
Processor	Freescall ARM9 application processor
Display	3.5 inch screen
GPS Chipset	Latest chipset and firmware solution
Memory	<ul style="list-style-type: none">• 64 MB mobile DDR for system memory• 1GB onboard Flash memory (for operating system and embedded applications); Model with 2GB Flash memory is also available
Power	<ul style="list-style-type: none">• High-density rechargeable 500 mAh Li-polymer battery (3hours charging time from empty to full capacity)• Recharging options<ul style="list-style-type: none">- Car charger- USB cable
Audio	<ul style="list-style-type: none">• 1 W built-in speaker• 2.5 mm stereo earphone jack
Connectivity	<ul style="list-style-type: none">• Mini USB B-type (2.0 High Speed)• micro-SD slot (Supports up to 8GB HCSD)

System Specification (2/4)

Design and Ergonomics (1/2)

Aspect	Description
Compact and Lightweight	<ul style="list-style-type: none">• Dimensions (L x W x H): 95.6 x 74.7 x 11.95mm• Weight: 106g
User-friendly interface	<ul style="list-style-type: none">• Portable Navigator<ul style="list-style-type: none">- Touch sensitive screen• Car mount<ul style="list-style-type: none">- Windshield Mount- Firm grip suction cup provides a steady vibration-free support• Software<ul style="list-style-type: none">- Multi-language user interface options- System configuration based on individual user preferences

System Specification (3/4)

Design and Ergonomics (2/2)

Aspect	Description
Mobile Design	<ul style="list-style-type: none">• Suction-based car mount facilitates multi-vehicle usage• Compact and lightweight body makes it easy for users to carry anywhere• On-the-road recharging via car charger• Simple, out-of-the-box operation: Mount, dock, and you're ready to go. No hassle with screws and cables.
Option Peripherals	<ul style="list-style-type: none">• Car mount• Smart Cradle• SD Card• Car charger• USB cable

System Specification (4/4)

Environmental Specifications

Aspect	Description
Temperature	<ul style="list-style-type: none">• Operating: -0°C to 55°C• Storage: -20°C to 70°C
Relative humidity (non-condensing)	<ul style="list-style-type: none">• Operating: 20 % to 90 % RH• Non-operating: < 20 % RH and >90 % RH

Sales Package

In Box, Accessories					
Device	RN1		USB Cable	Option	
Car charger	Yes		micro SD (Capacity Selectable)	Option	
Smart Cradle	Option		Colour Box	Yes	TBD
Car Mount	Yes		TMC Accessory	Option	