

RAND McNALLY Randtab 8 GPS Device User Guide

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Randtab 8 GPS Device

Product Information

The Randtab 8 is a 10-inch truck navigation device with a camera. It comes with various features and accessories to enhance your navigation experience. The device supports GPS navigation and can be connected to the internet via Wi-Fi for browsing, app downloads, and accessing internet-enabled features such as weather and traffic updates. It also includes an antenna port (antenna sold separately), home button, volume controls, power button, camera, USB-C port, micro HDMI port, audio out, micro SD card slot, and a reset button.

Box Contents

- 10-inch truck navigation device with camera
- Powered magnetic mount connector
- Three mounts: Screw down mount, Suction Cup Mount, Ball mount bracket
- Removable guard
- Vehicle charger (5V/5A)
- USB-C cable
- Anti-glare screen protector
- Quick Start Guide

Product Usage Instructions

Powering Up

Before using the device on battery power, make sure to charge it. The GPS navigation feature will work right out of the box even without internet access.

Connecting to Wi-Fi

When you turn on your tablet for the first time, you'll be prompted to select a Wi-Fi network to connect to the internet. A Wi-Fi connection is necessary for browsing the web, downloading apps, and using internet-enabled features. Choose your wireless access point or hotspot from the list and enter your password. If you don't have internet access at the moment, you can complete this step later.

Warning: When using the magnetic mount in your vehicle, only use the mount's DC IN port for charging. Do not attempt to simultaneously charge the tablet from the magnetic mount and the tablet's USB port.

Registration

In the next step, you'll be prompted to register your tablet with Rand McNally. Registering ensures that you have access to the latest information, updates, and customer support.

Mounting Options

The Randtab 8 provides three mounting options to securely place the navigation device in your vehicle:

1. Screw down mount (typically installed on the dashboard)
2. Suction cup mount (installed on flat surfaces like windshields)
3. Ball mount bracket for use with third-party mounts

Mounting the Randtab 8

Option 1: Screw Down Mount

1. Select an area with a line of sight to the sky and GPS satellites.
2. Clean and dry the mounting area.
3. Using the mount as a template, mark the three screw locations.
4. Drill pilot holes (optional).

5. Secure the mount in place with screws that you furnish.
6. Adjust the angle of the mount.
7. Plug the power cord into the mount and the vehicle's 12-volt power source.
8. Snap the tablet onto the mount using the built-in magnet.

Option 2: Suction Cup Mount

Note: Follow all local regulations governing the placement of the mount.

1. Select an area with a line of sight to the sky and GPS satellites.
2. Clean and dry the mounting area.
3. Remove the suction cup protective film.
4. Adjust the angle of the mount.
5. Pull the suction cup lever up to release suction.
6. Plug the power cord into the mount and the vehicle's 12-volt power source.
7. Place and hold the mount suction cup against the mounting surface.
8. Press the suction cup lever down until it snaps into place.
9. Snap the tablet onto the mount using the built-in magnet.

Option 3: Ball Mount Bracket

The 1050 includes a ball mount that is compatible with third-party mounting solutions. Follow the instructions provided by the third-party mount manufacturer to use this option.

[View Fullscreen](#)

Support

Find the full User Manual and more at randmcnally.com/support 877-446-4863

TND-TABLET1050-033022 – vs 002

Randtab 8

Quick Start Guide

Your Randtab 8

Antenna Port

(Antenna sold separately)

Home

Volume Power Down Up

Camera

USB-C Micro HDMI

Audio out micro SD card slot

Reset

Box Contents

1 10-inch truck navigation device with camera 2 Powered magnetic mount connector

Three mounts: 3 Screw down mount 4 Suction Cup Mount 5 Ball mount bracket

6 Removable guard 7 Vehicle charger (5V/5A) 8 USB-C cable 9 Anti-glare screen protector 10 Quick Start Guide

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Getting Started

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Powering Up Charge the device before using it on battery power.

Note: GPS navigation will work right out of the box even if you do not have internet access.

Connecting to Wi-Fi When you first turn on your tablet, you'll be asked to select a Wi-Fi network to connect to the internet. A Wi-Fi connection is required to browse the web, download apps, and use internet-enabled features such as weather and traffic. Choose your wireless access point or hotspot from the list and type in your password. You can come back to this step later if you are in a place without internet access.

Warning: When using the magnetic mount in your vehicle, only use the mount's DC IN port for charging. Do not attempt to simultaneously charge the tablet from the magnetic mount and the tablet's USB port.

Registration In the next step, you'll be prompted to register your tablet with Rand McNally. Your registration ensures that you have access to the latest information and updates, as well as Customer Support.

Mounting Options

We have provided three mounting options so that you can put the navigation device in the safest, most convenient part of your vehicle: 1 Screw down mount (typically installed on dashboard) 2 Suction cup mount (installed on flat surfaces like windshields) 3 Ball mount bracket for use with third-party mounts

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Mounting the Randtab 8

Option 1: Screw Down Mount Notes: · Rand McNally recommends professional installation for this mounting option and is not responsible for any damages or consequences arising from the installation. · Avoid gauges, HVAC, air bags, air bag covers and other items when drilling holes and attaching the mount to the vehicle.

· You need to furnish your own screws. · This mount also includes an adhesive option.

1. Select an area with a line of sight to the sky and GPS satellites. 2. Clean and dry the mounting area. 3. Using the mount as a template, mark the three screw locations. 4. Drill pilot holes (optional). 5. Secure the mount in place with screws that you furnish. 6. Adjust the angle of the mount. 7. Plug the power cord into the mount and the vehicle's 12-volt

power source. 8. Snap the tablet onto the mount (using built-in magnet).

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Mounting the Randtab 8

Option 2: Suction Cup Mount Note: Follow all local regulations governing the placement of the mount. 1. Select an area with a line of sight to the sky and

GPS satellites. 2. Clean and dry the mounting area. 3. Remove the suction cup protective film. 4. Adjust the angle of the mount. 5. Pull the suction cup lever up to release suction. 6. Plug the power cord into the mount and the vehicle's 12-volt power source. 7. Place and hold the mount suction cup against

the mounting surface. 8. Press the suction cup lever down until it snaps into place. 9. Snap the tablet onto the mount (using built-in magnet).

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Mounting the Randtab 8

Option 3: Ball Mount Bracket The 1050 includes a ball mount that is compatible with third party mounting solutions.

1. Secure the ball mount to the magnetic mount using the screws included in the package. Note that the screws in the package might look slightly different than the screws in these images.

2. Snap the tablet on the mount (using built-in magnet).

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Android User Interface

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Android User Interface

1 Bluetooth® 2 Wi-Fi 3 Battery Meter and Charging Indicator 4 Current Time 5 Back 6 Return to Home Screen 7 View Open Apps

Note: You can swipe down from the top of the screen to view the Android quick settings menu.

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Main Menu

1 Rand Navigation 2 Driver Apps (HOS/ELD) 3 Truck Tools 4 Cameras 5 Gallery 6 Guided Search 7 Settings 8 App Tray

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Rand Navigation

1 Route to a location.

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2 Battery power status

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and charging indicator.

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3 Select map view mode: Heading up, North up or 3D view.

4 Wi-Fi connected services.

5 Zoom in/out.

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6 Return to current location. 7 Virtual dashboard.

8 Current street name, upcoming intersection, or current location.

9 Local time and Elevation.

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10 Navigation Settings: General, Truck Info, Route, Map and Warnings.

11 Hide/display screen information and controls.

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Rand Navigation > Preferences

1. Tap Settings. 2. Tap the General, Route or Map tab. 3. Scroll to view options. 4. Tap the option to be changed. 5. Enter new settings. 6. Tap to save changes.

On the left, tap on an option

Rand Navigation > Truck Info and Warnings

1. Tap Settings. 2. Tap Truck Info or Warnings tab. 3. Scroll to view options. 4. Tap the option to be changed. 5. Enter new settings.

On the left, tap on an option

6. Tap to save changes.

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On the right, enter settings for the option

On the right, enter settings for the option

Rand Navigation > Destination

1 Route to a searched location. Tips: · Search for addresses, streets, cities and points of interest. · Address searches should include either a city or postal code. · Avoid using punctuations. · Avoid using street prefixes and suffixes.

2 Go to Map. 3 Route to a New location. 4 Plan a multi-stop trip or record a trail. 5 Return to a previous location. 6 Access the Address book. 7 Route to a Point of Interest (POI). 8 Add Home location. 9 Add Work location.

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Rand Navigation > New Location

1. Tap Where to? > Guided Search > New location. 2. Tap Address. 3. Enter the name of the city. (Note: As you type, the

keyboard only displays the next possible letter.) 4. Results appear in the list. Tap the city to select. 5. Enter the street name. Tap the street name to select. 6. Enter the house number. Tap the address to select.

Tips

- You can also route to a new location by City center, Intersection, Coordinates, or choose Address > Postal Code.
- View recent destinations by tapping Where to? > Guided Search > History.
- View recent cities by tapping Where to? > Guided Search > New location > Address.
- View saved locations by tapping Where to? > Guided Search > Address book > Bookmarks.
- View saved trips by tapping Where to? > 14 Guided Search > My trips.

Rand Navigation > Confirm Destination Windows

1 Create bookmark. 2 Destination address. 3 Coordinates. 4 Cross reference to page number in printed Rand McNally Motor Carriers' Road Atlas. 5 Begin route to destination. 6 Reorder locations. 7 Modify Route avoids, review Route details, Overview and Save to My trips. 8 Add a location. 9 Review route details. 10 Review alternate route(s) and choose one. 11 Start route.

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*To manage via points, Tap Where to? > Guided Search

> My trips > Multi-stop trips. You can add up to

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25 destinations in a multi-stop trip.

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Rand Navigation > Route Map Window

1 Next Maneuver: Instructions for your next

maneuver.

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2 Road Name: Next maneuver street name or highway sign.

3 Exits: Check upcoming exits for food, gas, hotels and other places.

4 Route Options: Tap to display additional options, including adding a stop, detours, and ending navigation. 17

5 Current time and time zone

6 Map View Mode: Tap to switch the map view: 3D map, North up, or Heading up.

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7 Battery power status and charging indicator

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8 Wi-Fi Connected Services: Tap to enable fuel prices, weather and traffic on the map. Note: These options require a Wi-Fi connection.

9 Zoom In/Zoom Out

10 Announcements

11 Distance remaining to your destination: Displays a progress bar indicating the distance remaining to your destination.

12 Expanded Map Display: Tap to remove additional options from the map screen.

13 Settings: Tap to open the Navigation Settings screens.

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14 ETA/Time/Distance: Tap to toggle between displaying ETA, Yard ETA, Remaining Time, Yard Time, and Elevation.

15 Location View: Tap to toggle between displaying the current location by city, street name, or next cross street.

16 Virtual Dashboard: Tap to view information about your current location, route, trips, and more.

17 Current Speed: Displays your current speed and turns red for speed warnings.

18 Speed Limit: Posted speed limit for your vehicle setting. Tap to open a screen to submit a speed limit correction.

19 Map: Displays the map, your current route, and your vehicle's current location.

Rand Navigation > Junction View

When on a route, Junction View displays when you have an upcoming maneuver. Once past the maneuver, Junction View closes and the previous window displays. 1 Signs to follow for the next maneuver. 2 Distance to the upcoming maneuver. Distance decreases as you approach. 3 Lane assist arrows. 4 Dismiss Junction View.

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Rand Navigation > Points of Interest (POIs)

With an active route, tap Route Options > Search / Add a Stop > Guided Search > POIs.

Search for a POI: 1 Near your truck. 2 In a particular city. 3 Along your route. 4 Near your destination.

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POI Categories:

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5 Select a category.

6 Search your custom POIs.

7 Find popular truck-friendly POIs.

Rand Navigation > POIs – continued

1 Tap location to select. 2 Search by name. 3 Search by available services. 4 Search Nearby, near My destination or Along route. 1

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Rand Navigation > Virtual Dashboard

13 1 Current location.

2 Current times at the yard, current location

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and destination, as well as estimated time of arrival.

3 Sunrise and sunset times based on vehicle location (latitude/longitude) and time of day.

4 Current speed (above) and posted speed limit (below). Note: Turns red when speed limit warning exceeded.

5 Elevation at current location.

6 Current leg progress. 7 Information for up to three trips. Includes odometer, time and speed information.

8 Nearest cross street.

9 Current day and date at your location. 10 Battery power status and charging indicator 11 Return to the route map.

12 Add fuel purchase information.

13 Distance to next maneuver.

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Rand Navigation > Status and Mileage

1. Tap Truck Tools > Status, Mileage & Fuel. 2. Tap the Status tab to view timers, odometer readings and average speed. 3. Tap on a field to change or reset the number.
4. Tap the Mileage tab to view a list of mileage logs by quarter.
5. Tap on a quarter to view its logs.

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Rand Navigation > Fuel

1. Tap Truck Tools > Status, Mileage & Fuel. 2. Tap the Fuel tab to view a list of fuel logs by quarter. 3. Tap on a quarter to view its logs. 4. Tap Add Fuel to record the date, location and cost of a fuel purchase. 5. Tap on a field to make changes. 6. Tap Save.

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Rand Navigation > Fuel Prices, Weather and Traffic

Note: These features require a Wi-Fi connection. To access fuel prices, weather and traffic, tap the Wi-Fi connected services button .

Enable the appropriate slider to view fuel prices, weather and traffic on the map.

Tap the Wi-Fi connection settings button to view details and settings for fuel, weather and traffic.

Tap the Fuel tab to view, sort and filter a list of prices, as well as modify preferences.

Tap the Weather tab to view weather conditions and modify weather layer preferences.

Tap the Traffic tab to view a traffic flow and incident list.

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Pay attention to road conditions and street signs, and obey all traffic and safety laws. Traffic laws and current traffic conditions must always be observed and take precedence over the instructions issued by the TNDTM product navigation system. The User should be aware of situations where current traffic conditions and the instructions from the navigation system may be in conflict. Some states prohibit the use of windshield mounts and may otherwise restrict the usage of navigation and other electronic devices in the vehicle. It is the User's responsibility to ensure compliance with all laws and regulations. The use of the navigation system does not relieve the User of his/her responsibilities. The User is ultimately responsible for the vehicle under his/her control and should be aware of the surroundings at all times.

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Repairs or replacements have a 90-day warranty. If the product sent in is still under its original warranty, then the new warranty is 90 days or to the end of the original one (1) year warranty, depending on which is longer.

This warranty gives the Customer specific rights. Other rights may be available to Customer which vary from state to state.

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WARNING: California Prop 65: Cancer and Reproductive Harm www.P65Warnings.ca.gov

Notes:

FCC Statement: 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. 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: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC Statement: This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Documents / Resources

	RAND McNALLY Randtab 8 GPS Device [pdf] User Guide A4C-10011B, A4C10011B, 10011b, Randtab 8, Randtab 8 GPS Device, GPS Device, Device
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