

RB Reader Manual

Requirements

- Android device (**minimum version: 11**) with built-in GPS.
- WhatsApp installed and working.

Introduction

RB Reader is a digital roadbook reader created with **RoadBook Editor** . It's simple to use and uses the device's GPS. On older phones: activate **airplane mode** and set **the battery to high performance** .

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Installation and startup

1. **RB_Reader_pack.zip** file and the RB Reader APK on WhatsApp (outside the Store: the system may warn you; allow installation).
2. **Do not extract or move** the ZIP file.
3. **Open RB Reader by tapping the RB_Reader_pack.zip file from WhatsApp** (if you open the icon, the app will remind you to use the WhatsApp file).
4. Wait for it to load, then enter your **crew number** (you can also choose **Skip** to try).

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Interface

Tripmaster Area

- **Progressive** : km from the start.
- **CAP** : direction of travel (stabilizes in motion).
- **Local time** .
- **Partial** (left): km from **previous note** .

Notes Area

- **Active** note : **yellow** → tap to validate (**turns green**).
- Some notes may appear **blue** if the **next one** is very close (≤ 250 m).
- **Left column** :
 - top line = note **progression** ;

- line below = **partial section** of the stretch (e.g. **0.15 km = 150 m**). (*Decimals in the app use a dot.*)
- **Central column** : icons/arrows for maneuvering; the white dot indicates where to validate.
- **Right column** : text/warnings (limits, dangers, specifications).

Bottom bar

- Coordinates, current speed and (where applicable) additional information.

Operation (essential)

Note 1 : it must be validated **only upon departure** → you will hear **two beeps** .

Speed limits : respect the indicated value (it is better to stay slightly below).

Validate : Tap the note when you're on point; the **next one** becomes active (yellow and larger).

Colors on the active

- **Yellow** = active note
- **Orange** ≈ 50 m from the next
- **Red beyond ≤ 100 m from failed validation. It will no longer be possible to validate the passed waypoint.**
→ Validate when the vehicle is on the **circle** in the centre of the sticker.

Penalty

- If you validate **early/late** , you pay based on the extra meters.
- The **progressive** realigns to the validated note and the **partial** resets.

Skipped notes

- If **you skip** a note, you can:
 - **Validate the next one** (pay **450 pt** penalty for the missed note), or
 - **Go back** and validate the one you skipped (recommended: you only pay for the extra meters).
- **Warning** : If you decide to skip and aim for the next one, **the orange/red warnings won't appear** (they only apply to the active one). **Don't skip two notes in a row!**

Safety:

Validation only when stationary or with co-pilot.

End of tour & QR

Once the last note is validated, a **QR code** with the tour details is created within a few seconds. **Don't close it** until the organizer scans it.

The PNG file is saved in **Download/RB_Reader** .

Quick FAQs

Forgot to validate a note?

You can choose to validate the next one (use the tripmaster's progressive number) or, recommended, go back and validate the correct note.

Wrong direction?

Go back to the **previous note** and get back on track. Continuing "by feel" increases the penalties.

Lost?

Use the **coordinates** (gray bar) as a waypoint on your GPS. Alternatively, call the organization for instructions or recovery.

Classification

The ranking takes into account:

- **Validation accuracy** between notes (also records navigation errors).
- **Respect speed limits** (safety first).
- Any **imposed average speed** (<30 km/h). Penalties for early or late arrivals are applied based on departure time, kilometers traveled, and the imposed average speed.