

ecoco TD20

ecoco TD20 Battery-less Pocket WiFi Mobile Router User Manual

Model: TD20

1. INTRODUCTION

Thank you for choosing the ecoco TD20 Battery-less Pocket WiFi Mobile Router. This device provides a convenient and flexible internet connection without the need for contracts or monthly fees. With 100GB of data valid for 365 days, a clear display, and Type-C power input, the TD20 is designed for ease of use at home, in your car, or while traveling. This manual will guide you through the setup, operation, and maintenance of your new device.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Contract-Free & No Monthly Fees:** Purchase data as needed, without recurring charges.
- **Battery-less Design:** Powered via Type-C, eliminating concerns about battery degradation, heat expansion, or fire risk.
- **Integrated Display:** Easily check signal strength, data remaining, and connected devices.
- **Multi-Carrier Support (vSIM):** Automatically connects to the strongest signal from major carriers (Docomo, au, SoftBank) in Japan.
- **Generous Data Plan:** Includes 100GB of data valid for 365 days.
- **Compact & Lightweight:** Weighs only 60g, making it highly portable.
- **Wide Operating Temperature:** Functions reliably from -10°C to +55°C.

2.2 Package Contents

- ecoco TD20 Mobile Router
- User Manual (this document)
- USB Type-C Cable (for power)

2.3 Device Layout



Image 2.1: The ecoco TD20 Mobile Router, highlighting its compact design and integrated display.

- **Front:** Display screen (shows signal, data, connected devices).
- **Side:** USB Type-C port (for power input).

3. SETUP GUIDE

The ecoco TD20 is designed for immediate use upon receipt. No complex activation or contract procedures are required.

3.1 Powering On the Device

1. Connect the supplied USB Type-C cable to the TD20's Type-C port.
2. Connect the other end of the USB Type-C cable to a power source. This can be:
 - A USB wall adapter (not included)
 - A mobile battery/power bank
 - A car USB port
 - A computer USB port
3. The device will automatically power on, and the display will illuminate.

バッテリーがないから**熱**に強い

真夏の車内や寒冷地でも安心して使えます



-10°C to 55°C



Image 3.1: The ecoco TD20 connected to a laptop via its Type-C port for power, establishing a Wi-Fi environment.

3.2 Connecting Your Devices to Wi-Fi

1. Once the TD20 is powered on, wait a few moments for it to establish a network connection.
2. On the TD20's display, you will see the Wi-Fi Network Name (SSID) and Password.
3. On your smartphone, laptop, tablet, or other Wi-Fi enabled device, go to the Wi-Fi settings.
4. Select the SSID displayed on your TD20.
5. Enter the password displayed on your TD20.
6. Your device should now be connected to the internet.

Note: No special apps or software downloads are required for setup.

4. OPERATING INSTRUCTIONS

4.1 Understanding the Display

The integrated display provides real-time information about your device's status:

- **Signal Strength:** Indicates the quality of the cellular network connection.
- **Data Remaining:** Shows your current data balance (e.g., 50GB/100GB).
- **Connected Devices:** Displays the number of devices currently connected to the TD20's Wi-Fi network.
- **Network Type:** (e.g., 4G)

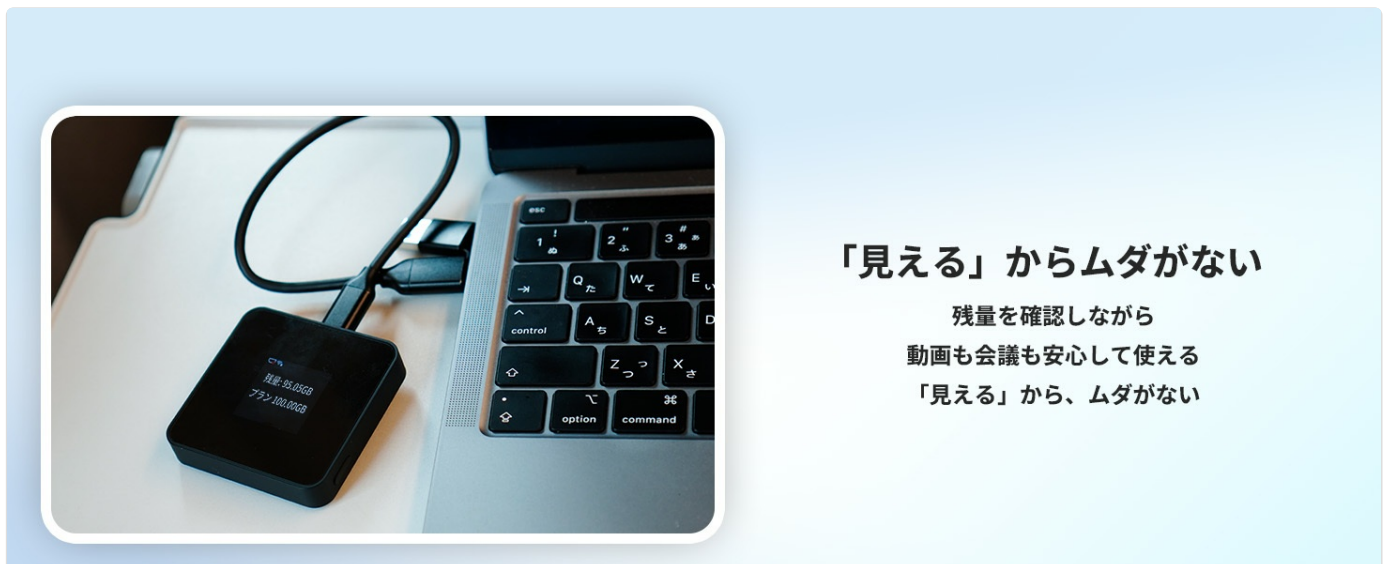


支払いは最初だけ
あとは自由に使える

Image 4.1: The ecoco TD20 display showing current data usage, signal strength, and network type.

4.2 Connecting Multiple Devices

The ecoco TD20 can support up to 16 devices connected simultaneously. This allows you to share your internet connection with family, friends, or multiple personal devices.



「見える」からムダがない

残量を確認しながら
動画も会議も安心して使える
「見える」から、ムダがない

Image 4.2: Illustration of up to 16 devices (smartphones, PCs, tablets) connecting simultaneously to the ecoco TD20.

4.3 Usage Scenarios

The battery-less design and compact size make the TD20 versatile for various situations:

- **In the Car:** Power it via a car USB port for in-car Wi-Fi, ideal for navigation, entertainment, or work on the go.
- **Travel & Business Trips:** Stay connected reliably without relying on public Wi-Fi or expensive roaming charges.
- **At Home/Office:** Use it as a backup internet source or for temporary Wi-Fi needs, powered by a wall adapter or PC.
- **Outdoor Activities:** Connect to a mobile power bank for internet access during camping or other outdoor events.

5. DATA MANAGEMENT

5.1 Data Plan Overview

Your ecoco TD20 comes with 100GB of data, valid for 365 days from the first use. This is a prepaid model, meaning you only pay for the data you need, when you need it.

5.2 Checking Data Balance

Your current data balance is always visible on the TD20's display. This allows you to monitor your usage and plan accordingly.

5.3 Recharging Data (Giga Refill)

If your data runs low or expires, you can easily purchase additional data (Giga Refill) at any time. This can typically be done through the official ecoco website or designated platforms. The process is quick and available 24 hours a day, 365 days a year.

6. MAINTENANCE AND CARE

6.1 Cleaning the Device

- Wipe the device with a soft, dry cloth.
- Do not use liquid cleaners, aerosols, or solvents, as these may damage the device.

6.2 Operating Environment

- The TD20 is designed to operate within a temperature range of -10°C to +55°C.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- The battery-less design makes it safer for use in hot environments like a car during summer, as there is no internal battery to overheat or swell.

6.3 Storage

- When not in use, store the device in a cool, dry place.
- Keep it away from dust and moisture.

7. TROUBLESHOOTING

If you encounter any issues with your ecoco TD20, please refer to the following common solutions:

Problem	Possible Cause	Solution
No internet connection	• Device not powered on. • No cellular signal. • Data balance depleted. • Incorrect Wi-Fi password.	• Ensure the device is connected to a power source. • Move to an area with better signal coverage. • Check data balance on the display; recharge if necessary. • Verify the Wi-Fi password from the TD20's display.

Problem	Possible Cause	Solution
Slow internet speed	• Weak cellular signal. • Too many connected devices. • Network congestion.	• Move to an area with better signal. • Disconnect some devices. • Try again later during off-peak hours.
Display not working	• Device not powered on. • Device malfunction.	• Ensure the device is properly powered. • Contact customer support if the issue persists.



日本国内対応 都市部から郊外まで 幅広いエリアで安定通信



Image 7.1: Common questions and answers regarding the ecoco TD20, including setup and data usage.

If you are unable to resolve the issue using the above steps, please contact ecoco customer support.

8. SPECIFICATIONS



国内でも、海外でも
通信環境を選ばない。



Image 8.1: Detailed specifications for the ecoco TD20 Mobile Router.

Feature	Detail
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Feature	Detail
Brand	ecoco
Model	TD20
Dimensions	62mm x 62mm x 13mm
Weight	60g
Display	1.4 inch
Operating Temperature	-10°C to +55°C
Power Input	Type-C
Connection Type	vSIM, Multi-carrier (Docomo, au, SoftBank)
Max Downlink Speed	150Mbps
Max Uplink Speed	50Mbps
Max Connected Devices	16
Durability (Estimated)	Approx. 5 years
Compatible Devices	Android, Nintendo Switch, iPhone, Laptops, other communication-enabled electronic devices

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty (ecoco Care)

Your ecoco TD20 comes with a comprehensive **1-year manufacturer's warranty** from the date of purchase. This warranty covers a wide range of issues, including:

- Initial defects
- Drops and breakage
- Water damage
- Loss or theft
- Other malfunctions

Under the ecoco Care program, you are eligible for a free replacement device for any of the above reasons within the 1-year warranty period. This ensures peace of mind and long-term usability of your device.



液晶ディスプレイ搭載

データ残量・接続台数・通信状況を

本体画面でひと目で確認

スマホ管理は不要

Image 9.1: Details of the ecoco Care 1-year warranty, covering various types of damage and loss.

9.2 Customer Support

For any inquiries, technical assistance, or warranty claims, please contact ecoco customer support. Support is available 365 days a year. Refer to your purchase documentation or the official ecoco website for the most current contact information.

Note: Please have your device model and purchase details ready when contacting support.

10. SAFETY INFORMATION

- Do not attempt to disassemble or modify the device.
- Keep the device away from water, fire, and extreme temperatures.
- Use only the provided or recommended Type-C cable for power.
- Keep out of reach of children.
- Dispose of the device according to local regulations.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question