

Fockety Fockety6h9reya7u5

Fockety 3G/4G LTE GSM Fixed Wireless Terminal User Manual

Model: Fockety6h9reya7u5

Brand: Fockety

1. INTRODUCTION

The Fockety 3G/4G LTE GSM Fixed Wireless Terminal is designed to provide reliable wireless communication services for traditional landline telephones and alarm systems. It operates on GSM, 3G WCDMA, and 4G LTE networks, offering a flexible and cost-effective alternative to wired landlines. This device ensures clear and stable voice quality, supports Caller ID, and integrates essential features for seamless communication.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Fixed Wireless Terminal Unit
- 1 x Power Adapter
- 1 x Antenna
- 1 x Antenna Receiver
- 1 x Telephone Line Cable
- 1 x User Manual



Product Size:
Approx. 12 x 8.5cm / 4.7 x 3.3in
(Manual Measurement, Slight Error May Exist)

Figure 2.1: The complete package contents of the Fockety Fixed Wireless Terminal.

3. PRODUCT OVERVIEW

The Fockety Fixed Wireless Terminal is a compact device designed for ease of use and integration with existing telephone systems. It features a robust casing and clear LED indicators for operational status.



With Antipodal Signal
Can Be Connected to the
Fare Register or Use a
Computer Fare Register.

Figure 3.1: Front view of the Fockety Fixed Wireless Terminal with its external antenna.

3.1 Ports and Indicators

The terminal's rear panel houses essential ports for power, telephone line connections, and the antenna. LED indicators on the front provide real-time status updates.



Figure 3.2: Rear panel of the terminal showing the power input, phone line ports (RJ11), and antenna connector.



Figure 3.3: A close-up of the terminal's underside, revealing the SIM card slot and additional ports.



Figure 3.4: Detail of the antenna connection point on the terminal.

4. SETUP INSTRUCTIONS

Follow these steps to set up your Fockety Fixed Wireless Terminal:

1. **Insert SIM Card:** Open the SIM card slot cover located on the underside of the terminal. Carefully insert your active GSM mobile phone SIM card into the designated slot until it clicks into place. Ensure the SIM card is correctly oriented.
2. **Connect Antenna:** Attach the provided antenna to the antenna connector on the rear panel of the terminal. Position the antenna for optimal signal reception.
3. **Connect Telephone:** Connect your standard landline telephone to one of the RJ11 phone ports on the rear panel using the telephone line cable. The terminal supports two phone connections (Phone1, Phone2).
4. **Connect Power:** Plug the power adapter into the DC 5V-12V power input port on the terminal, then connect the adapter to a power outlet. The terminal will power on automatically.
5. **Power On and Signal Acquisition:** Once powered on, the LED indicators on the front panel will illuminate. Wait for the signal strength indicator to show a stable connection to the cellular network. This may take a few moments.

Your browser does not support the video tag.

Video 4.1: This video guide illustrates the process of inserting a SIM card into the terminal and connecting a standard landline telephone for operation.

5. OPERATING INSTRUCTIONS

5.1 Making Calls

To make a call, simply pick up the handset of your connected landline phone and dial the desired number. The terminal will route the call through the cellular network using the inserted SIM card. The device supports automatic

insertion of long-distance IP prefixes if configured.

5.2 Receiving Calls

When an incoming call is received, your connected landline phone will ring. Pick up the handset to answer the call. The terminal supports Caller ID display on compatible phones.

5.3 LED Indicators

The LED indicators on the front panel provide visual feedback on the terminal's status:

- **Power LED:** Indicates the device is powered on.
- **Signal LED:** Shows the strength of the cellular network signal. More illuminated bars typically mean stronger signal.
- **Status LED:** Indicates operational status, such as standby or active call.
- **Phone LEDs (Phone1, Phone2):** Indicate if a phone is connected and active on that line.

6. FEATURES

- **Quad-Band GSM/3G/4G LTE Connectivity:** Supports GSM 850/900/1800/1900MHz, 3G WCDMA (B1/B2/B5/B8), and 4G LTE (FDD: B1/B2/B3/B4/B5/B7/B8/B28, TDD: B40) for broad network compatibility.
- **Fixed Wireless Telephone Services:** Enables standard landline phones to operate over cellular networks without the need for a physical landline connection.
- **Caller ID Dialer:** Displays incoming caller information on compatible telephones.
- **DTMF Input Recognition:** Standard DTMF input detection ensures compatibility with various phone features and prevents dialing errors.
- **Integrated Watchdog Circuit:** Automatically detects and recovers from system anomalies, ensuring continuous operation and preventing missed calls.
- **Polarity Reversal Function:** Supports polarity reversal, allowing connection to tariff meters or computer-based billing systems.
- **Automatic IP Prefix Insertion:** Configurable to automatically add long-distance IP prefixes (e.g., 17951, 17911, 193) for cost-effective calling.
- **LED Status Indicators:** Clear LED lights display power, signal strength, standby, and operating status.
- **Easy Installation:** Simple setup using a mobile SIM card, eliminating complex wiring.

7. TECHNICAL SPECIFICATIONS

Type	Fixed Wireless Terminal
Model Number	Fockety6h9reya7u5
Material	ABS
Supported Networks	GSM (850/900/1800/1900MHz), 3G WCDMA (B1/B2/B5/B8), 4G LTE FDD (B1/B2/B3/B4/B5/B7/B8/B28), 4G LTE TDD (B40)
Interface Type	RJ11 (for telephone connection)
Caller ID	Supported
DTMF Input Recognition	Standard DTMF

Watchdog Duty Circuit	Integrated
Polarity Reversal	Supported (for tariff register)
Power Supply	5V 1A
RJ11 Standby Voltage	DC 40-48V
RJ11 Operating Voltage	DC 8-12V
RJ11 Tone Frequency	450 Hz
Operating Temperature	-20°C to 50°C
Operating Humidity	10-90% RH
Product Dimensions	Approx. 12 x 8.5 cm (4.7 x 3.3 inches)
Weight	310 grams

8. MAINTENANCE

To ensure the longevity and optimal performance of your Fockety Fixed Wireless Terminal, please observe the following maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or aerosols, which may damage the internal components.
- **Environment:** Keep the terminal in a dry, well-ventilated area, away from direct sunlight, excessive heat, and moisture.
- **Connections:** Periodically check all cable connections (power, antenna, telephone line) to ensure they are secure.
- **Avoid Obstructions:** Do not place objects on top of the terminal that could block ventilation or interfere with the antenna signal.

9. TROUBLESHOOTING

If you encounter issues with your Fockety Fixed Wireless Terminal, refer to the following common troubleshooting steps:

- **No Dial Tone/Cannot Make Calls:**
 - Ensure the SIM card is correctly inserted and activated.
 - Check if the power adapter is securely connected and the device is powered on.
 - Verify that the telephone line cable is properly connected to both the terminal and the phone.
 - Check the signal strength LED indicators. If the signal is weak or absent, try repositioning the antenna or the terminal.
 - Confirm that your SIM card has sufficient credit or an active plan.

- **Cannot Receive Calls:**

- Ensure the terminal is powered on and has a stable cellular signal.
- Verify that your connected phone is functioning correctly.
- Check if any call forwarding or blocking features are active on your SIM card.

- **Poor Voice Quality:**

- Relocate the terminal or adjust the antenna position to improve signal strength.
- Ensure there are no obstructions between the antenna and the nearest cellular tower.
- Test with a different telephone to rule out phone-related issues.

- **LED Indicators Not Functioning:**

- Ensure the device is powered on.
- If the power LED is off, check the power adapter and outlet.
- If other LEDs are off, but the device seems to be working, contact support.

If the problem persists after attempting these steps, please contact customer support for further assistance.

10. WARRANTY AND SUPPORT

The Fockety Fixed Wireless Terminal comes with a **24-month warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use. In the event of a product defect within the warranty period, you are eligible for a replacement or refund.

For technical support, warranty claims, or any questions regarding your product, please contact Fockety customer service through your retailer or the official support channels. Please have your model number (Fockety6h9reya7u5) and proof of purchase ready when contacting support.