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Bluebird Pidion BM-170

Bluebird Pidion BM-170 Industrial Windows Mobile PDA User Manual

Model: BM-170

1. Introduction

This manual provides essential information for the safe and efficient operation of your Bluebird Pidion BM-170 Industrial Windows Mobile PDA. Please read this manual thoroughly before using the device to ensure proper setup, usage, and maintenance. Keep this manual for future reference.

2. Package Contents

Verify that all items are present in the package:

- Bluebird Pidion BM-170 Device
- Battery
- Stylus
- Power Adapter
- USB Cable
- Camera Lens Cover/Film
- GPS Antenna
- Quick Start Guide (if applicable)

Note: Specific accessories may vary by region or package.

3. Device Overview

The Bluebird Pidion BM-170 is a robust industrial-grade Personal Digital Assistant (PDA) designed for mobile computing tasks. It features a Windows Mobile 6.5 operating system, HSDPA, GSM/GPRS/EDGE cellular connectivity, 802.11b/g Wi-Fi, Bluetooth, AGPS, and a 3-megapixel camera.



This image shows the Bluebird Pidion BM-170 handheld device. A user's hand is holding the device, and another hand is using a stylus to interact with its touchscreen display. The device features a black casing and a visible home button below the screen.

4. Setup

4.1. Battery Installation

1. Locate the battery compartment cover on the rear of the device.
2. Slide or unlatch the cover to open it.
3. Insert the battery, ensuring the contacts align correctly with the device's terminals.
4. Replace the battery compartment cover and secure it.

4.2. SIM Card and Memory Card Installation

1. With the battery removed, locate the SIM card slot and/or microSD card slot.
2. Insert the SIM card into its designated slot with the gold contacts facing down and the cut corner oriented correctly.
3. If using a memory card, insert the microSD card into its slot until it clicks into place.
4. Reinstall the battery and battery cover.

4.3. Initial Power On and Charging

1. Press and hold the Power button until the device vibrates or the screen illuminates.
2. Upon first use, it is recommended to fully charge the device. Connect the power adapter to the device's charging port and plug it into a power outlet.
3. Follow the on-screen prompts for initial setup of the Windows Mobile operating system.

5. Operating Instructions

5.1. Basic Navigation

- **Touchscreen:** Interact with the device by tapping, dragging, and swiping on the resistive touchscreen.
- **Stylus:** Use the provided stylus for precise input, especially for small icons or handwriting recognition.
- **Hardware Buttons:** Utilize the physical buttons for functions such as power, volume, and programmable shortcuts.

5.2. Connectivity

- **Wi-Fi (802.11b/g):** To connect to a wireless network, navigate to *Settings* > *Connections* > *Wi-Fi*. Select your desired network and enter the password if prompted.
- **Bluetooth:** Enable Bluetooth via *Settings* > *Connections* > *Bluetooth*. Pair with other Bluetooth-enabled devices for

data transfer or peripheral connections.

- **Cellular (HSDPA, GSM/GPRS/EDGE):** Once a SIM card is installed, the device will automatically attempt to connect to a cellular network. Configure data settings if necessary through *Settings > Connections > GPRS/3G*.

5.3. Camera Usage

The BM-170 features a 3-megapixel camera. To use the camera:

1. Locate and open the Camera application from the Start Menu.
2. Frame your subject on the screen.
3. Tap the capture button on the screen or a designated hardware button to take a photo.

5.4. GPS Functionality

The device includes Assisted GPS (AGPS) for location-based services. Ensure GPS is enabled in *Settings > System > GPS*. Applications requiring location data will then be able to utilize the integrated GPS receiver.

6. Maintenance

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and device exterior. Do not use harsh chemicals or abrasive materials.
- **Battery Care:** To prolong battery life, avoid extreme temperatures. Fully charge the battery before first use and avoid letting it completely discharge frequently.
- **Software Updates:** Periodically check for available software updates from the manufacturer's website to ensure optimal performance and security.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

7. Troubleshooting

If you encounter issues with your BM-170, refer to the following common solutions:

- **Device not powering on:** Ensure the battery is correctly installed and charged. Connect the device to the charger.
- **Touchscreen unresponsive:** Perform a soft reset (refer to the device's specific reset procedure, often a small reset button or battery removal). Ensure the screen is clean.
- **Cannot connect to Wi-Fi:** Verify Wi-Fi is enabled and you are within range of a known network. Check network password.
- **Poor cellular signal:** Ensure SIM card is properly inserted. Move to an area with better network coverage.
- **Applications freezing:** Close unresponsive applications. If the issue persists, perform a soft reset.

For more complex issues, contact Bluebird Pidion customer support.

8. Specifications

Feature	Detail
Model Number	BM-170
Operating System	Windows Mobile 6.5
RAM Memory	256 MB

Feature	Detail
Memory Storage Capacity	128 MB
Resolution	320 x 240
Cellular Technology	3G
Connectivity	Bluetooth, Wi-Fi
Camera	3 MP
GPS	AGPS
Voice Command	Touchscreen
Color	Black
Item Weight	4.6 ounces
Package Dimensions	9.57 x 9.02 x 2.76 inches
Manufacturer	Bluebird Pidion
Date First Available	July 21, 2014

9. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official Bluebird Pidion website. Warranty terms and conditions may vary by region.
For technical support, service, or further inquiries, please contact Bluebird Pidion customer service through their official website or the contact information provided in your product documentation.

- **Official Website:** www.bluebirdcorp.com (Example link, actual link may vary)
- **Customer Support:** Refer to your product packaging or the official website for regional contact details.

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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.

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