

Philips 10BDL4551T/00

Philips 10BDL4551T/00 10-inch Multi-Touch Android Display User Manual

Model: 10BDL4551T/00

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Philips 10BDL4551T/00 10-inch Multi-Touch Android Display. This device is designed for various applications, including digital signage, interactive displays, and meeting room scheduling, offering a versatile all-in-one solution with remote content management capabilities.

2. SAFETY INFORMATION

- Read all instructions carefully before using the device.
- Do not expose the device to rain or moisture to prevent fire or electric shock.
- Ensure proper ventilation to prevent overheating.
- Use only the power adapter supplied with the device or a compatible Power over Ethernet (PoE+) source.
- Do not attempt to open the device casing. Refer all servicing to qualified personnel.
- Clean the display with a soft, dry cloth. Avoid liquid cleaners or aerosols.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Philips 10-inch Multi-Touch Android Display (Model: 10BDL4551T/00)
- Built-in camera
- Built-in speakers
- Internal memory
- Power over Ethernet (PoE) capability
- Scheduler function

- Quick Start Guide (may be included separately)
- Power Adapter (if not using PoE+)

4. PRODUCT OVERVIEW

The Philips 10BDL4551T/00 is a compact yet powerful multi-touch display designed for professional environments. It integrates several features for enhanced functionality and ease of use.

Key Features:

- **Built-in Camera and Speakers:** Integrated components for versatile smart solutions, including video conferencing and interactive applications.
- **Power over Ethernet (PoE+):** Simplifies installation by delivering both power and data through a single Ethernet cable, allowing flexible placement.
- **Powered by Android 8:** Utilizes the Android operating system, enabling the use of Android AI applications for targeted content delivery or standard video conferencing.
- **Responsive 5-point Multi-Touch Display:** Offers a superb picture quality combined with a highly responsive plug-and-play multi-touch interface.

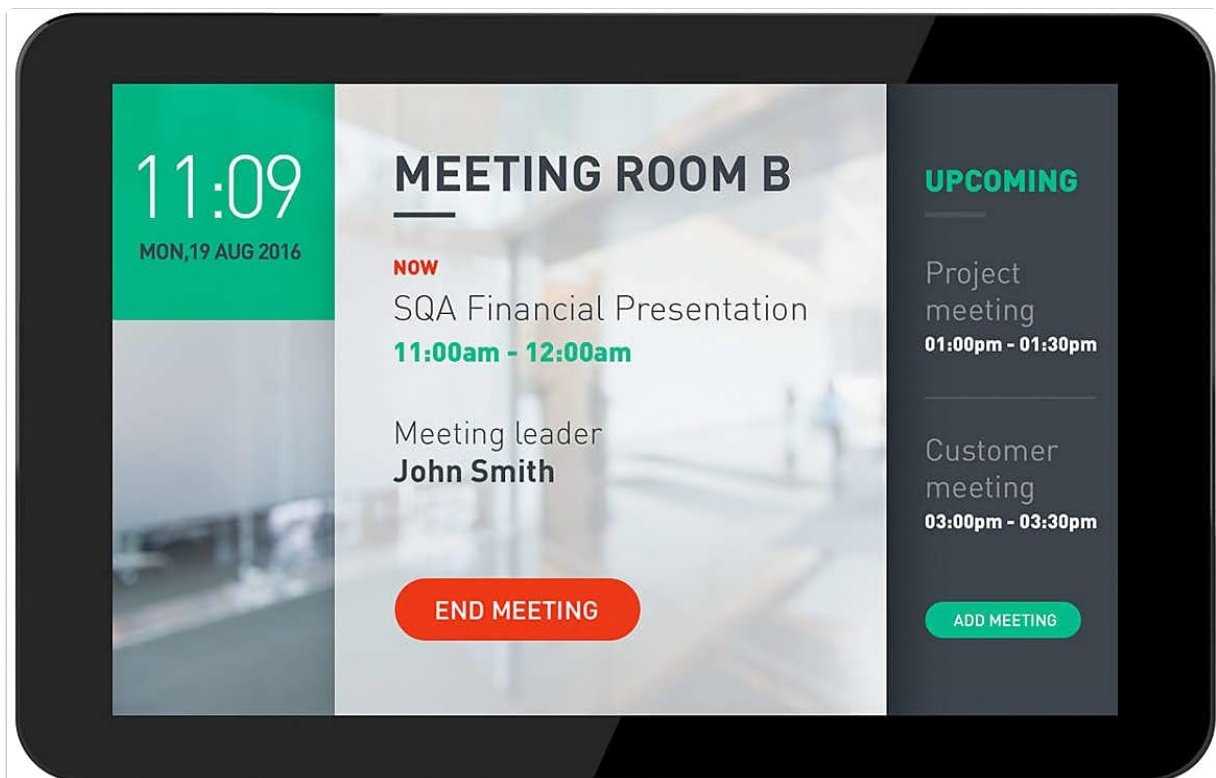


Figure 4.1: Front view of the Philips 10-inch Multi-Touch Android Display, illustrating its interactive meeting room scheduling interface.



Figure 4.2: Side view of the Philips 10-inch Multi-Touch Android Display, highlighting its slim profile.

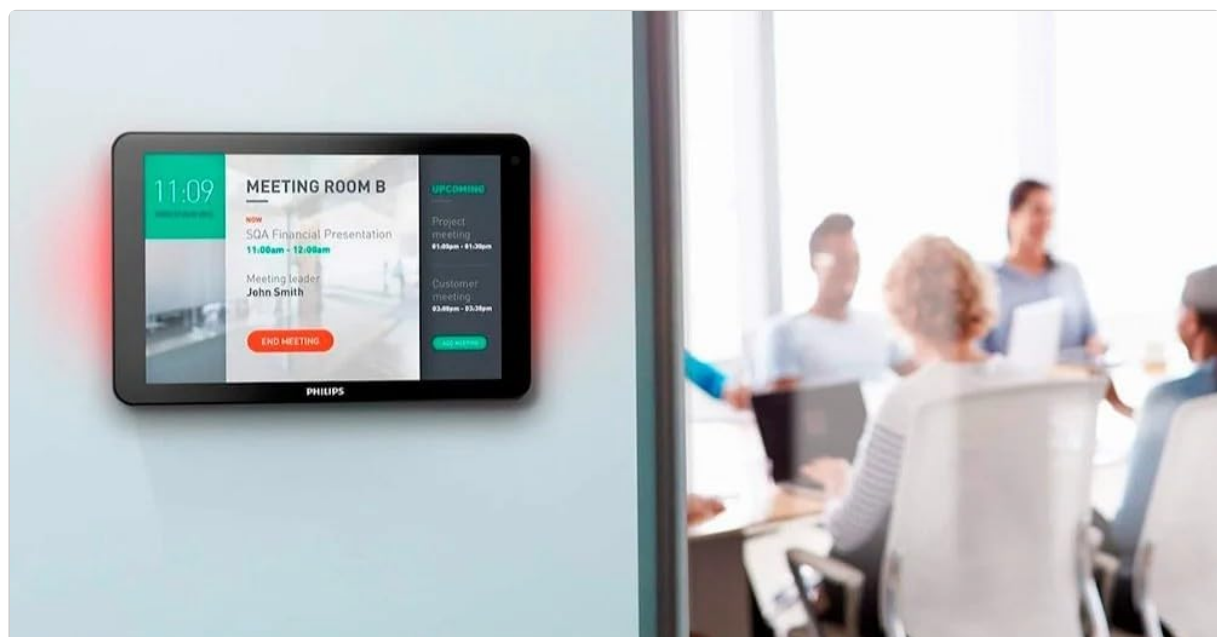


Figure 4.3: The Philips 10-inch Multi-Touch Android Display installed on a wall, serving as a meeting room display.

5. SETUP

5.1 Physical Installation

1. **Mounting:** Choose a suitable location for mounting the display. Ensure the surface can support the device's weight and that there is adequate space for cable management.
2. **Power Connection:**
 - **Using PoE+:** Connect an Ethernet cable from a PoE+ enabled network switch or injector to the

display's Ethernet port. This single cable will provide both power and network connectivity.

- **Using Power Adapter:** If PoE+ is not available, connect the provided power adapter to the display's power input and then to a wall outlet.

3. **Network Connection (if not using PoE+):** If using the power adapter, connect an Ethernet cable from your network router/switch to the display's Ethernet port for network access.

5.2 Initial Power-On and Configuration

1. Once power is connected, the display will automatically power on.
2. Follow the on-screen prompts to complete the initial Android setup, including language selection, time zone, and Wi-Fi network configuration (if not using wired Ethernet).
3. Access the display's settings menu to configure display preferences, network settings, and install necessary applications for your specific use case.

6. OPERATING INSTRUCTIONS

6.1 Touchscreen Usage

- The display supports 5-point multi-touch. Use your fingers to interact with the screen.
- **Tap:** To select an item or activate a button.
- **Swipe:** To scroll through lists or navigate between screens.
- **Pinch-to-Zoom:** To zoom in or out on images or web pages.

6.2 Android OS Navigation

The display runs on Android 8. Standard Android navigation gestures and buttons apply:

- **Home Button:** Returns to the main home screen.
- **Back Button:** Returns to the previous screen or closes the current application.
- **Recent Apps Button:** Shows recently opened applications for quick switching.
- **Notification Panel:** Swipe down from the top of the screen to access notifications and quick settings.

6.3 Camera and Speaker Usage

The integrated camera and speakers can be utilized by compatible Android applications for video conferencing, interactive kiosks, or other communication purposes. Ensure the application has the necessary permissions to access these components.

6.4 Content Management

The display supports remote content management. Depending on your setup, you can use Philips' content management software or third-party Android applications to upload, schedule, and update content on the display from a central location.

7. CONNECTIVITY

- **Wi-Fi:** Supports 802.11g for wireless network connectivity. Configure Wi-Fi settings via the Android system settings.
- **Ethernet (PoE+):** Provides wired network access and power delivery through a single Ethernet cable.

8. MAINTENANCE

8.1 Cleaning the Display

- Always power off the display before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen and casing.
- For stubborn marks, lightly dampen the cloth with water. Avoid using harsh chemicals, abrasive cleaners, or alcohol-based solutions, as these can damage the screen coating.

8.2 Software Updates

Periodically check for software updates through the Android system settings to ensure optimal performance, security, and access to new features. Follow the on-screen instructions for any available updates.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display does not power on.	No power supply; faulty cable.	Check power adapter connection or PoE+ Ethernet cable. Ensure power outlet is functional.
No network connection.	Wi-Fi off; Ethernet cable disconnected; network issue.	Verify Wi-Fi is enabled and connected. Check Ethernet cable connection. Restart router/switch.
Touchscreen unresponsive.	Software glitch; dirty screen.	Restart the device. Clean the screen thoroughly.
Applications are slow or crashing.	Too many apps running; low memory; outdated software.	Close unnecessary applications. Clear app cache. Check for system updates.

10. SPECIFICATIONS

Brand	Philips
Model Number	10BDL4551T/00
Screen Size	10.1 Inches
Max Screen Resolution	1280x800 Pixels (XGA)
Operating System	Android 8
Processor Brand	Android
Flash Memory Size	8 GB
Computer Memory Type	DDR3 SDRAM
Memory Storage Capacity	2 GB
Wireless Type	802.11g
Item Weight	3.78 pounds

Product Dimensions (LxWxH)	10.28 x 1.14 x 6.58 inches
Voltage	220 Volts
Batteries	1 Lithium Ion battery required (internal)

11. WARRANTY AND SUPPORT

11.1 Warranty Information



This Philips display comes with a **3-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.





11.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Philips customer support. Refer to the official Philips website or your product documentation for specific contact details in your region.

Before contacting support, please have your product model number (10BDL4551T/00) and serial number ready.

Related Documents - 10BDL4551T/00

	<p>Philips 86BDL6051C C-Line Interactive Digital Signage Display</p> <p>Explore the Philips 86BDL6051C C-Line, an 86-inch interactive digital signage display featuring Android, advanced multi-touch technology, CMND & Control, and Crestron Connected certification for enhanced collaboration and efficient management.</p>
	<p>Philips 86BDL3152E Interactive Display for Collaboration - Specifications and Features</p> <p>Detailed overview of the Philips 86BDL3152E, an 86-inch interactive display for collaboration featuring Android 13, 40-point multi-touch, OPS slot, and wireless presentation capabilities.</p>

	<p>Philips Interactive 3000 Series 43BDL3751T Digital Signage Display</p> <p>Discover the Philips Interactive 3000 Series 43BDL3751T, a versatile multi-touch digital signage display offering enhanced connectivity, Android 13 integration, and all-day operation for various commercial applications. Features include an edge-to-edge PCAP touchscreen, flexible installation options, low power consumption, and built-in WiFi & Bluetooth.</p>
	<p>Philips 86BDL8051C C-Line Interactive Display: Datasheet and Features</p> <p>Detailed information on the Philips 86BDL8051C C-Line 86-inch interactive display, featuring Windows 10, advanced capacitive touch, collaboration tools, and connectivity options for professional environments.</p>
	<p>Philips 55BDL6051C C-Line Interactive Multi-Touch Display - Features and Specifications</p> <p>Discover the Philips 55BDL6051C C-Line interactive display, designed for high-end meeting rooms. Features include Android OS, 10-point capacitive touch, wireless screen sharing, OPS slot, and Crestron Connected certification for enhanced collaboration and control.</p>
	<p>Philips 75BDL4252E Collaboration Display - Interactief Scherm met Android</p> <p>Ontdek het Philips 75BDL4252E interactieve samenwerkingsscherm met Android 14, 50 touchpoints, anti-glare glas en geavanceerde functies voor zakelijke en educatieve omgevingen.</p>