

43" Weather-Resistant Portable Digital Display



User Manual

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| VERSION |
| V1.1 |

User Manual for 43" Weather-Resistant Portable Digital Display

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1. Introduction

Overview

Welcome to your new 43" Portable Digital Display. This ultra-bright weather-resistant display is designed to enhance user engagement with a variety of applications and information displays. Whether used in retail environments, educational settings, or for outdoor events, this display offers a modern and versatile solution for digital signage.

Key Features

- 43" Full HD Ultra Bright 2000 NIT Display
- Built-In Battery with Level Indicator
- Ip 54 Weatherproofing
- Wi-Fi Connectivity
- Portable Rolling Design
- Multiple Input Options (USB and Ethernet)

Safety Precautions

- Ensure the portable display is placed on a flat, stable surface.
- Use only the power cable provided.
- Avoid using the display in environments with more severe weather conditions, such as heavy rain or excessive dust.
- Always ensure that the display is properly powered down using a mouse and the on-screen shutdown menu before switching off the power or unplugging the unit.

2. Specifications

| Product Specifications | |
|-------------------------------|---|
| Size | 24.25in x 46.25in x 14.75in (L x H x D) |
| Material | Aluminum Alloy, Tempered Glass |
| Weight | 120 lbs |
| Signal Output | Supports HDMI Output |
| Audio | Internal speakers, supports USB audio device |
| Decoding Function | Supports video, picture, text, with CMS |
| Input Voltage | 110V/220V, 50/60Hz |
| Battery Voltage/Capacity | 24V/50AH |
| Battery Type | Lithium Ion Battery Pack |
| Wireless | WiFi 802.11 b/g/n, Bluetooth Compatible |
| Certifications | FCC, ETL, CE |

| Screen Specifications | |
|------------------------------|----------------------------------|
| Screen Size | Single-side, 42.5 inches |
| Aspect Ratio | 16:9 |
| Resolution | 1920x1080 |
| Display Area | 20.75in x 37in |
| Brightness | 2000 NITS |
| Contrast Ratio | 1100:1 |
| Viewing Angle | 89/89/89/89 (Typ.)(CR≥10) |
| Response Time | 8ms |
| Life | 50,000 Hours |
| Screen Material | Tempered Glass |

Motherboard Specifications

| | |
|-----------------------|---|
| CPU | i5-3337U @ 1.80Hz |
| RAM / Storage | 8GB / 128 GB |
| Multimedia | 1080p, H264, H265 video decoders |
| OS | Windows 10 Pro 64-bit |
| Physical Connectivity | Supports RJ45 Ethernet, USB |
| Wireless Connectivity | Supports WiFi, 2.4G |
| Video | Supports WMV, AVI, FLV, RMVB, MP4, MPEG, TS etc. |
| Image | Supports BMP, JPEG, PNG, GIT etc. |
| USB | 4-way USB Interface (2-way standard USB port) |
| HDMI Output | 1xHDMI, Supports 1080P |
| Audio | Dual Channel Output |

Overall Dimensions



3. Getting Started

Unpacking the Portable Display

- Carefully unpack the display from its crate. Be sure to keep all components together.
- Examine the product for any obvious signs of damage. While minor imperfections can happen, if you discover anything seriously wrong, contact the supplier for support.
- Ensure all components are present, including the power cable, user manual, and any additional accessories.
- Position the portable display in the desired location for assembly, ensuring it is on a stable, level surface, and easily accessible for users.

4. Setup

Materials Needed

- Portable digital display
- Power source and power cable
- Standard keyboard (Wireless USB combo keyboard and mouse recommended)
- Standard mouse (Wireless USB combo keyboard and mouse recommended)

Step 1 - Connect the Power Supply: Plug the power cable into the side of the display or the appropriate power input port. Connect the other end of the power cable to a power outlet. Look for the indicator on the battery level display located on the back of the unit to verify that the unit is charging, and let the unit charge to full battery.

Step 2 - Install Keyboard and Mouse:

- If using a wired keyboard and mouse, locate their USB connectors and insert them into a USB port on the back of the display.
- If using wireless devices, insert the batteries (if required) and connect the wireless receiver dongle to a USB port on the back of the display. Ensure both the keyboard and mouse are powered on and within range of the receiver.

Step 3 - Power On the Display: Press the silver power button located on the back of the unit above the cabinet to turn it on. You will see blue lights on the button once it powers on. Wait for the unit to boot to the operating system or setup screen.

Step 4 - Initial Configuration: Follow any on-screen prompts to complete the initial setup of the operating system. This may include selecting the language, network settings, region, and keyboard layout. Use the keyboard and mouse to navigate through these prompts.

Step 5 - Install Software: If you wish to use 3rd party software with the portable display, insert the installation USB or navigate to the required website and follow the on-screen instructions to install. Use the keyboard and mouse to control the installation process.

5. Operating Instructions

Powering On/Off

On: Once the portable display has enough charge, detach the power cable and store it away safely. Locate the silver power button above the display's rear cabinet and press to turn on the unit. The button will illuminate blue when powered up and booting.

Off: To properly power down the portable display, first, access the shutdown menu by using the mouse and clicking the power icon or navigating to the system menu. Select the "Shut Down" option, and allow the system to complete the shutdown process. Wait until the screen has completely turned off, indicating that the system has powered down correctly.

Accessing the Rear Cabinet

To access the main computer components and inputs press the button below the lock and the handle will pop out. Swing the bottom of the handle in a counter-clockwise motion to open the door and gain access to the internal panel.

Connecting to Internet Via WiFi

1. Select the Network icon on the right side of the taskbar to open Quick Settings.
2. Select Manage Wi-Fi connections in the Wi-Fi quick setting.
3. Choose the Wi-Fi network you want to connect to and select Connect.
4. Enter the network password and select Next.

If the wireless connection is successful, you will see the Wi-Fi signal icon in the system tray. You can also connect to Wi-Fi by using the keyboard command, the Wi-Fi menu, or the Settings app.

Connecting to Internet Via Wired Ethernet:

1. Find the Ethernet port on the back or side of the display. It looks like a large phone jack.
2. Take an Ethernet cable (also known as a network cable) and plug one end into the Ethernet port on the portable display. Make sure it clicks into place securely.
3. Plug the other end of the Ethernet cable into an available port on your network router, switch, or wall jack. Ensure the connection is secure.

Windows should automatically detect the wired connection and attempt to connect to the network. If the Ethernet connection is successful, you will see a network icon that looks like a computer screen with a cable without any warning indicators.

On-Screen Keyboard

The on-screen keyboard can be useful when text input is needed but you do not have a keyboard available, only a mouse. To enable the on-screen keyboard (OSK), you can do the following:

1. Click Start and select Settings
2. Select Ease of Access
3. Open the Keyboard menu
4. Toggle Use the On-Screen Keyboard to On

The OSK will appear on the screen and remain until closed. To access it again, click the keyboard icon on the taskbar.

Setting Up Kiosk Mode

Kiosk mode can ensure the display continuously loops or runs content without interruptions, making it ideal for environments where constant display is needed (e.g., public events, exhibitions, or retail stores). In essence, kiosk mode helps keep the display focused on its purpose, running reliably without user interference, even though it isn't touch-enabled. To set up kiosk mode on a digital display running Windows 10, follow these steps.

1. **Prepare Your Digital Display:** Before setting up kiosk mode, ensure your digital display is properly configured and updated. Connect a keyboard and mouse to the display to facilitate the setup process. Ensure the display is connected to a network, either via Ethernet or Wi-Fi.
2. **Create a Local User Account for Kiosk Mode:** To restrict access to a specific application, you need to create a local user account that will run in kiosk mode.

Open the **Settings** menu, go to **Accounts**, and select **Family & other users**. Click **Add someone else to this PC** and choose to create a local account by selecting **I don't have this person's sign-in information**, followed by **Add a user without a Microsoft account**. Create a username and password, naming it something descriptive like "Kiosk User."

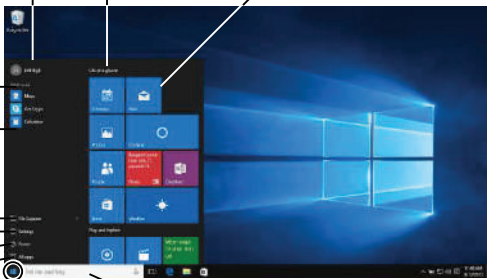






















3. **Configure Kiosk Mode:** Return to **Settings > Accounts > Family & other users** and click **Set up a kiosk** under **Assigned access**. Choose Get started, select the newly created local account ("Kiosk User"), and pick the application you want to run in kiosk mode, such as Microsoft Edge for web content or a dedicated signage app.

Testing Kiosk Mode

Log out of the current account and sign in to the "Kiosk User" account to activate kiosk mode. The selected application should launch automatically in full-screen mode, with no access to other system features. Test the application to ensure it functions correctly and securely.

Exiting Kiosk Mode

To exit kiosk mode, use a key combination like Ctrl + Alt + Del to sign out, then log in with an administrator account to make any changes.

| Start Menu | | Keyboard shortcuts |
|--|--|--|
| <p>Account Click to switch to another account, lock the computer, or sign out</p> <p>Named Groups Tiles are organized into groups</p> <p>Live Tiles Click a tile to open an app</p>  <p>Most frequently used apps</p> <p>File Explorer</p> <p>Settings</p> <p>Power</p> <p>All Apps</p> <p>Start button Click here to open the Start menu</p> <p>Cortana Search for apps, files, or folders by typing in keywords, or saying the terms you're looking for</p> | | <p>Basic Commands</p> <p>Start Menu </p> <p>Copy a Folder/File Ctrl + C</p> <p>Cut a Folder/File Ctrl + X</p> <p>Paste a Folder/File Ctrl + V</p> <p>Cortana (speech)  + C</p> <p>Cortana (text)  + S</p> <p>Actions Center  + A</p> <p>Task View  + Tab</p> <p>Close App Alt + F4</p> <p>Lock computer  + L</p> <p>Print Ctrl + P</p> <p>File Explorer  + E</p> <p>Run dialog box  + R</p> |
| <p>Start Menu</p> <ul style="list-style-type: none"> • To Open the Start Menu: Click the Start button. Or, press Win. • To Resize App Tile on the Start Menu: Right-click a tile, click Size and select a size. • To Rearrange Tiles: Tiles are organized into groups of related apps. Drag a tile to a new location in a group, or drag it between groups to start a new group. • To Remove a Tile from the Start Menu: Right-click the tile and click Unpin from Start. • To Add a Tile to the Start Menu: Right-click the app and select Pin to Start. • To Stop Updating an App's Live Tile: Right-click an app's tile and click Turn live tile off. • To Search for Files or Apps: Click within the Search field and type a keyword for the file or app. Search results are displayed in the menu. • To Rename Live Tile Groups: Click the Live Tile group's name, and type in a new name. • To Lock Your Computer: Click the Account button and select Lock. • To Sign Out of Windows: Click the Account button and select Sign Out. • To Switch Users: Click the Account button and select another user account. • To Change Account Settings: Click the Account button and select Change Account Settings. | <p>Apps</p> <ul style="list-style-type: none"> • To Launch an App: Find and click the app's tile on the Start menu. Or, select All Apps from the Start Menu and select the app you want to open. • Jump to Different Apps: In the All Apps list click a letter header, then select another letter, to display all of the apps that begin with that letter. • To Search for an App: Click within the Search field and type a keyword for the app. • To View All Installed Apps: Select All Apps from the Start Menu. • To Close an App: Click the Close button in the top-right corner of the app. Or, press Alt + F4. • To Jump to an Open App: Click the Task View button. Or, press Win + Tab. Note: Right-click an app and click Close to close it. • To Install an App: Install apps from the Windows Store, media such as DVDs, or download from the Internet. • To Uninstall an App: Click the Start button and select Settings from the Start Menu. Click the System category and select Apps & features. Select the app that you want to install and click the Uninstall button. | <p>Settings Shortcuts</p> <p>Open Settings  + I</p> <p>Devices pane  + K</p> <p>Sharing pane  + H</p> <p>Display options for second screen  + P</p> <p>Quick Link menu  + X</p> |
| | | <p>Desktop shortcuts</p> <p>Desktop  + D</p> <p>Maximize  + ↑</p> <p>Minimize/Restore  + ↓</p> <p>Switch between apps Alt + Tab</p> <p>Minimize all windows  + M</p> <p>Snap app to left  + ←</p> <p>Snap app to right  + →</p> <p>New Desktop  + Ctrl + D</p> <p>Close Current Desktop  + Ctrl + F4</p> <p>Switch Desktops  + Ctrl + ←/→</p> |

Desktop

Cortana:

Click to open Cortana to search for items.

Window preview:

Point to the program icon on the taskbar. Click a preview thumbnail to view the window.



Program icon: Click to open the program. Rearrange icons by clicking and dragging.

Show Desktop button: Point or click here to make open windows invisible.

Task View button: Click to view all of the open windows in Task View.

Notification area: The Action Center, clock, and other system icons are located here.

- **To Peek at Open Windows:** Point to a program icon on the taskbar. Point at the resulting thumbnail preview to peek at the window.
- **To Minimize Other Windows:** Press **Windows + Home**. Or, click and shake a window's title bar quickly from side to side.
- **To Compare Windows Side by Side:** Click and drag a window's title bar to the right side of the screen, and select a window thumbnail for the left side of the screen. Or, press **Windows + Right Arrow** or **Windows + Left Arrow**.
- **To Maximize an Open Window:** Click the window's Maximize window. Or, press **Windows + Up Arrow**.
- **To Switch Between Apps:** Press **Alt + Tab** to move quickly between open programs and windows on the desktop. Or, press **Windows + Tab** to open Task View, and select a window thumbnail.
- **To Access Settings:** Click the **Start** button and select **Settings** from the Start menu.
- **To Pin a Program to the Taskbar:** Pin your favorite desktop apps to the taskbar so you can open them from within the desktop. Open the program you want to pin, right-click the program icon on the taskbar and select **Pin this program to taskbar**.

Settings and Personalization

- **To Personalize your PC:** Click the **Start** button, select **Settings** from the Start menu, and click the **Personalization** category from the Settings app.
- **Change Background** – Choose built-in colors and pictures, or use your own. Select more than one picture to start a slide show.
- **Change Colors** – Change window color and transparency.
- **Change Lock screen:** Change the image that appears when the screen is locked.
- **Change Start:** Change what apps appear on the Start Menu.
- **Change Themes:** Change Windows's color scheme.

File Explorer

Address bar

Displays the location of the folder that is currently open

Title bar

Click and drag to move the window

Search box

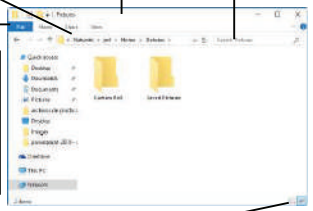
Enter keywords to search the folder.

Ribbon

Displays buttons and menus for common commands

Navigation Pane

Provides quick navigation to folders and files. Browse to favorite locations, libraries, OneDrive, This PC, and the network



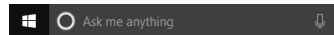
Display Settings

Choose how you want the content within the File Explorer to display

Action Center

- **To Display Notifications:** Click the **Notifications** icon on the taskbar, or swipe in from the right side of the screen on a touchscreen, to open the Notification Center.
- **Collapse Actions Center:** Click **Collapse** to collapse the actions down to only the top row. The top row can be customized in the Settings app, so you can control which four actions are available when the list is collapsed.
- Available actions include:
 - **All Settings:** Opens the Settings app.
 - **Airplane Mode:** Toggling on will turn off all radios.
 - **Battery Saver:** Toggles battery saver mode, dimming the screen and applying other settings to save power.
 - **Bluetooth:** Toggles Bluetooth radio on/off.
 - **Brightness:** Adjusts your screen's brightness between 100%, 75% 50%, and 25%.
 - **Connect:** Connects to wireless devices (ie. Bluetooth).
 - **Location:** Toggles location services on/off.
 - **Note:** Opens a new note in MS OneNote.
 - **Quiet Hours:** A Do Not Disturb mode which blocks notifications from appearing.
 - **Rotation Lock:** Locks portrait or landscape views in tablet computers.
 - **Tablet Mode:** Toggles tablet mode, which makes the computer act more like Windows 8 and includes full-screen apps, bigger touch targets, the Start Screen replaces the Start Menu, etc.
 - **VPN:** Displays VPN settings in the Settings app.
 - **WiFi:** Toggles wifi on/off (not used to find a network).

Cortana



- Cortana allows you to search for apps, files, or folders by typing in keywords, or saying the terms you're looking for.
- You can use Cortana's speech recognition by clicking the microphone button and saying the terms you're looking for.
- To open Cortana, click in the Cortana field to the right of the Start button.
- Cortana will display the results that she thinks are relevant.
- You can control your search results in Cortana's Notebook.

7. Troubleshooting

Troubleshooting Solutions

- **Kiosk Mode Not Functioning Properly:** Check that kiosk mode is properly set up in **Settings > Accounts > Family & other users > Set up a kiosk**. Make sure the correct application is selected. If the kiosk mode application is not responding, restart the kiosk. Ensure the application launches automatically. Outdated software can also cause issues. Go to **Settings > Update & Security > Windows Update** and install any available updates.
- **No Power:** Ensure the power cord is securely plugged into both the digital display and the wall outlet and the battery is sufficiently charged. Plug another device into the outlet to ensure it is working. Press the power button firmly. If the issue continues, contact support.
- **Wi-Fi Not Connecting:** Ensure the Ethernet cable is securely connected to both the display and the network outlet or router if you are using a wired connection. If on Wi-Fi, your display operates on a 2.4 GHz frequency, so be sure the router is also broadcasting at a 2.4 GHz band as well. To verify Settings: Go to **Settings > Network & Internet > Wi-Fi** and ensure that the correct network is selected and connected. Run Network Troubleshooter: Right-click the network icon in the system tray and select **Troubleshoot problems**. Follow the prompts to diagnose and fix the issue.
- **Digital Display Freezes or Becomes Unresponsive:** Press and release the power button to force a shutdown, then restart the kiosk. Run a system scan to check for software or malware issues by using **Windows Security > Virus & threat protection > Quick scan**. Make sure Windows 10 Pro is up to date by going to **Settings > Update & Security > Windows Update**.

Resetting the Kiosk

- **Factory Reset:** Access the Settings menu, choose "System," and select "Reset." Follow the on-screen instructions to reset the kiosk to its factory settings.

Thank you for choosing our Portable Digital Display. We're confident this product will meet your needs and enhance your experience.

43" Weather-Resistant Portable Digital Display

USER MANUAL

Safety and Reference

Please read this manual carefully before operating your product and retain it for future reference.

Please note your product information here. If your product has a serial number it will be located on the back of the kiosk or inside the cabinet.

Invoice No. _____

Serial No. _____