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West Ocean WS-604

West Ocean Large Smart Digital LED WiFi Wall Clock

Model: WS-604 | Brand: West Ocean

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your West Ocean Large Smart Digital LED WiFi Wall Clock. Designed for various environments including classrooms, offices, and industrial settings, this clock offers advanced features such as automatic time synchronization, adjustable brightness, and versatile control options. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

Safety Information

- Ensure the power adapter is connected to a compatible power source.
- Do not expose the clock to extreme temperatures or direct moisture.
- Avoid disassembling the device; refer to qualified personnel for repairs.
- Keep out of reach of children to prevent accidental damage or injury.
- Use only the provided power adapter to prevent damage to the unit.

Package Contents



Figure 1: Contents of the West Ocean Smart Digital LED WiFi Wall Clock package.

- West Ocean Smart Digital LED WiFi Wall Clock (Red)
- Infrared (IR) Remote Control
- Power Adapter
- Mounting Hardware (screws and wall anchors)
- User Manual (this document)

Setup

Physical Installation

The clock offers versatile installation options, including wall mounting and tripod compatibility.



Figure 2: Wall mounting and tripod installation methods.

- **Wall Mount:** Use the provided screws and wall anchors to securely mount the clock on a suitable wall surface. Ensure the clock is level and stable.
- **Tripod Compatibility:** The clock features an integrated tripod mounting hole (1/4 20 UNC) for easy placement on a standard tripod, ideal for temporary setups or specific timing functions.

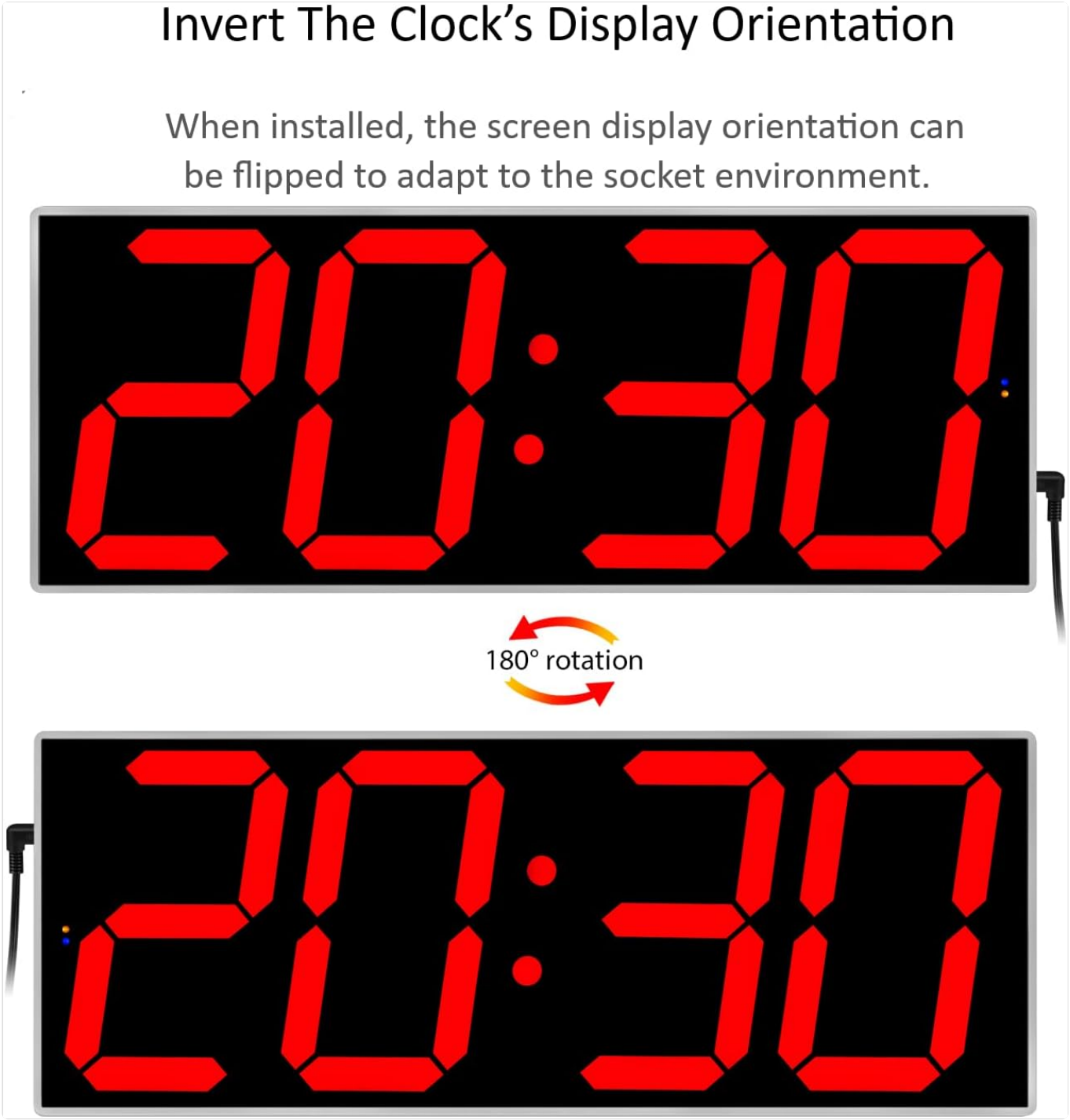


Figure 3: Display orientation can be inverted for flexible placement.

The display orientation can be flipped 180 degrees to adapt to different viewing angles or power outlet locations.

Power Connection

Connect the provided power adapter to the clock's power input port and then plug it into a standard electrical outlet. The clock will power on automatically.

Initial Setup (WiFi & Time Synchronization)

The West Ocean Smart Digital Clock offers automatic time synchronization via Wi-Fi NTP servers for high precision. It also automatically adjusts for Daylight Saving Time (DST).



Figure 4: Control the clock via web interface on computer or smartphone.

1. **Connect to Clock's WiFi:** Put the clock into configuration mode (refer to the "Operating Instructions" section for details on using the physical buttons or remote). Connect your computer or smartphone to the clock's open Wi-Fi network (SSID: "WS-604S clock").
2. **Access Web Interface:** Open a web browser and enter the clock's IP address (usually 192.168.4.1).
3. **Time Zone Settings:** Navigate to "Time zone Settings" on the web interface.
4. **Select Local Timezone:** Choose your local timezone from the dropdown menu.
5. **Adjust for DST:** Check the "Adjust for Daylight Savings Time automatically" box and select the appropriate DST rules for your region (e.g., "In North America").
6. **Save Changes & Reboot:** Click "Save Changes" and then "Logout & Reboot" to apply the settings. The clock will restart and synchronize its time automatically.

Operating Instructions

Control Methods



Figure 5: The clock can be controlled via IR remote, web interface, or physical buttons.

- **Web Interface:** As described in the "Initial Setup" section, the web interface provides full control over all clock settings.
- **IR Remote Control:** Use the included infrared remote for convenient operation from a distance. Ensure direct line of sight to the IR receiver on the clock.
- **Physical Buttons:** Buttons on the back of the clock allow for basic adjustments and mode changes.

Adjusting Brightness

The clock features 30 manual brightness levels. Use the remote control or web interface to adjust the display brightness to suit your environment.



Figure 6: Brightness adjustment is available.

Countdown Timer

The clock includes an advanced countdown timer function, perfect for meetings, workouts, or factory operations. Multiple preset countdowns are supported, and you can switch between clock and countdown modes.

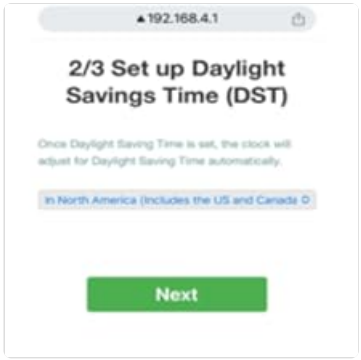


Figure 7: Countdown Timer Settings via web interface.

Access "Countdown Timer Settings" via the web interface to configure and manage your timers.

Alarms

Set up to 30 custom alarms with options for alarm sound, countdown trigger, or relay switch activation.

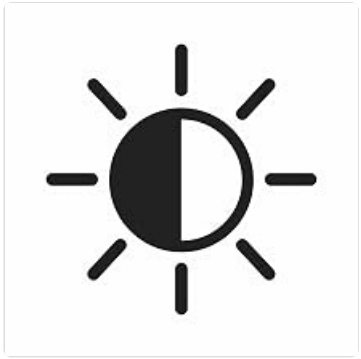


Figure 8: Alarm Events Settings via web interface.

Configure alarms through the "Alarm Events Settings" page in the web interface.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the display and casing. Avoid abrasive cleaners or solvents.
- **Storage:** If storing the clock for an extended period, disconnect it from power and store it in a cool, dry place.

Troubleshooting

Problem	Possible Cause	Solution
Clock not powering on	Power adapter not connected or faulty outlet.	Ensure power adapter is securely connected and try a different power outlet.
Incorrect time displayed	Incorrect timezone setting or no NTP server access.	Verify timezone and DST settings in the web interface. Ensure the clock has stable Wi-Fi connection to an NTP server. Alternatively, use manual sync via web interface or remote control.
Wi-Fi connection issues	Incorrect Wi-Fi password or out of range.	Re-enter Wi-Fi credentials via the web interface. Move the clock closer to the Wi-Fi router.
Remote control not working	Blocked IR path or dead batteries.	Ensure direct line of sight to the clock's IR receiver. Replace remote control batteries.

Specifications

Feature	Detail
Brand	West Ocean
Model	WS-604
Color	Red
Display Type	Digital LED (6-inch single digits)
Product Dimensions	18"W x 6.85"H

Feature	Detail
Item Weight	1.9 Pounds
Power Source	Corded Electric
Material	Acrylic glazed cover / ABS Plastic
Special Features	Web interface, UDP, Web socket, Open API, Wi-Fi, Adjustable Brightness, Countdown Timer, 30 Custom Alarms, DST Auto Adjust
Mounting Type	Wall Mount, Tripod Compatible
Batteries	1 Lithium Ion battery required (included)

Warranty and Support

The West Ocean Smart Digital LED WiFi Wall Clock comes with a Limited Warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact West Ocean customer support. For technical assistance or further inquiries, please visit the official West Ocean website or contact their customer service department.
You can also refer to the official User Guide (PDF) available at:
https://manuals.plus/m/406d85b11c2631d1402e77c7676bf47973c620f9d27594ea19e68f35cb716fb6

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