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REACHER AC182

REACHER Large LED Digital Alarm Clock User Manual

Model: AC182

INTRODUCTION

This user manual provides detailed instructions for the operation and maintenance of your REACHER Large LED Digital Alarm Clock, Model AC182. This alarm clock features a large 9-inch LED display, dual alarm functionality, a 0-100 dimmer setting, and two convenient USB charging ports. Please read this manual thoroughly before use to ensure proper setup and functionality.



Figure 1: REACHER Large LED Digital Alarm Clock (Model AC182) with a smartphone connected for charging.

PRODUCT OVERVIEW AND FEATURES

The REACHER AC182 alarm clock is designed for ease of use and clear visibility, especially for seniors. Its key features include:

- **Large 9-inch LED Display:** Features clear, large green digits for easy readability from a distance.
- **Adjustable Dimmer (0-100%):** Allows precise control over display brightness for comfortable viewing day or night.
- **Dual Alarm Functionality:** Set two independent wake-up times with options for weekdays (Mon-Fri), weekends (Sat-Sun), or everyday (Mon-Sun).
- **Snooze Function:** Provides an adjustable snooze duration from 10 to 60 minutes.
- **Dual USB Charging Ports:** Conveniently charge your smartphone or other USB devices (5V/1A output).
- **AC Powered with Battery Backup:** Operates on AC power, with a backup battery (2 AAA, not included) to retain time and alarm settings during power outages.

9inch Digital Alarm Clock with Large Display Numbers



iPhone 7 Plus



Figure 2: Key features and dimensions of the alarm clock.

PACKAGE CONTENTS

Upon opening the package, please verify that all items are present and in good condition:

- 1 x REACHER Digital Alarm Clock (Model AC182)
- 1 x Power Adapter
- 1 x User Manual

Note: USB charging cables and 2 AAA backup batteries are not included and must be purchased separately.

SETUP

1. Power Connection

1. Connect the provided power adapter to the "POWER INTERFACE" port on the back of the alarm clock.
2. Plug the power adapter into a standard AC 100-240V, 50-60Hz wall outlet.
3. The LED display will illuminate, indicating the clock is powered on.

2. Backup Battery Installation (Optional but Recommended)

The backup battery ensures that time and alarm settings are retained during a power outage. The display will not be active when running on backup battery power.

1. Locate the "BATTERY COMPARTMENT" on the back of the clock.
2. Open the battery compartment cover.
3. Insert two (2) AAA batteries (not included) into the compartment, observing the correct polarity (+/-).
4. Close the battery compartment cover securely.



Figure 3: Top and back panel layout with button and port labels.

OPERATING INSTRUCTIONS

1. Setting the Time

1. Press the "TIME SET" button once. The hour digits will begin to blink.
2. Use the "▲" (Up) or "▼" (Down) buttons to adjust the hour.
3. Press "TIME SET" again. The minute digits will blink.
4. Use the "▲" or "▼" buttons to adjust the minutes.

5. Press **"TIME SET"** a third time to select 12-hour or 24-hour format. Use **"▲"** or **"▼"** to toggle.
6. Press **"TIME SET"** again to confirm and exit time setting mode.

2. Adjusting Display Brightness (Dimmer)

The clock features a 0-100% dimmer setting for optimal viewing comfort.

- Locate the **"SCREEN DIMMER"** wheel on the back of the clock (refer to Figure 3).
- Rotate the wheel to the left to decrease brightness (dimmer).
- Rotate the wheel to the right to increase brightness (brighter).



Figure 4: Screen brightness adjustment range.

3. Setting Dual Alarms (Alarm 1 and Alarm 2)

The clock allows you to set two independent alarms.

1. Press the **"AL1-2 SET"** button once to set Alarm 1. The A1 indicator will light up, and the hour digits will blink.
2. Use the **"▲"** or **"▼"** buttons to adjust the alarm hour.
3. Press **"AL1-2 SET"** again. The minute digits will blink.

4. Use the "▲" or "▼" buttons to adjust the alarm minutes.
5. Press "AL1-2 SET" a third time to select the alarm frequency:
 - "1-5" (Monday-Friday)
 - "6-7" (Saturday-Sunday)
 - "1-7" (Monday-Sunday)

Use "▲" or "▼" to cycle through options.

6. Press "AL1-2 SET" again to proceed to Alarm 2 settings (A2 indicator will light up) and repeat steps 1-5 for Alarm 2.
7. Press "AL1-2 SET" one more time to confirm and exit alarm setting mode.

To activate or deactivate an alarm, press the corresponding "AL1 ON/OFF" or "AL2 ON/OFF" button on the top of the clock. The respective alarm indicator (A1 or A2) will appear/disappear on the display.



Figure 5: Dual alarm settings with weekday options.

4. Using the Snooze Function

When the alarm sounds, press the large **"SNOOZE"** button on the top of the clock to temporarily silence the alarm. The alarm will sound again after the set snooze duration.

To adjust the snooze duration (10-60 minutes), enter the time setting mode by pressing **"TIME SET"** repeatedly until the snooze duration setting appears, then use **"▲"** or **"▼"** to adjust.

5. Turning Off the Alarm

To turn off a sounding alarm completely until the next scheduled alarm time, press any of the following buttons:

- **"TIME SET"**
- **"AL1·2 SET"**
- **"AL1 ON/OFF"**

*Note: Pressing the **"SNOOZE"**, **"▼"**, **"▲"**, or **"AL2 ON/OFF"** buttons will NOT turn off the alarm permanently; they will only activate the snooze function or have no effect on the sounding alarm.*

6. Using USB Charging Ports

The clock is equipped with two 5V/1A USB charging ports on the back for convenient charging of your mobile devices.

1. Connect your device's USB charging cable (not included) to one of the **"USB CHARGING PORT"** outlets on the back of the clock.
2. Connect the other end of the cable to your smartphone or other compatible device.
3. Ensure the alarm clock is connected to AC power for the USB charging ports to function.

Dual USB Port

More One Charger, Much More Power



Figure 6: Dual USB ports for charging devices.

MAINTENANCE

To ensure the longevity and optimal performance of your alarm clock, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the display and casing with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these may damage the surface.
- **Placement:** Place the clock on a stable, flat surface away from direct sunlight, excessive heat, moisture, or strong magnetic fields.
- **Power:** Always use the provided power adapter. Disconnect from power during electrical storms or when not in use for extended periods.
- **Battery Replacement:** Replace the AAA backup batteries annually or if you notice settings are not retained during power interruptions.

TROUBLESHOOTING

If you encounter issues with your alarm clock, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Display is blank.	No AC power; backup batteries are for memory only, not display.	Ensure the power adapter is securely plugged into the clock and a working wall outlet.
Alarm does not sound.	Alarm is not activated; alarm volume is too low (not adjustable on this model, but check if it's muted by external factors).	Verify that the A1 or A2 indicator is visible on the display. If not, press the corresponding AL ON/OFF button to activate. Ensure the clock is receiving AC power.
Time/settings are lost after power outage.	Backup batteries are not installed or are depleted.	Install two fresh AAA batteries in the battery compartment.
USB charging ports not working.	Clock is not connected to AC power; device cable is faulty; device requires more than 1A.	Ensure the clock is plugged into AC power. Try a different USB cable. Note that the ports provide 5V/1A; some devices may charge slower or not at all if they require higher current.
Cannot turn off alarm with certain buttons.	Incorrect button pressed.	Only "SET", "A1·2", or "AL1/ON-OFF" buttons will turn off the alarm. "SNOOZE", "▼", "▲", and "AL2/ON-OFF" will not.

SPECIFICATIONS

Feature	Detail
Display Type	9" LED Digital Display
Time Format	12/24 Hour switchable
Alarms	Dual Alarm
Alarm Duration	3 minutes
Snooze Duration	Adjustable 10-60 Minutes
Screen Dimmer	0-100 brightness setting
Adapter Input	AC 100-240V, 50-60Hz
Backup Battery Type	2 x AAA batteries (Not included)
USB Charging Ports	2 ports, 5V/1A output each
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	20.4 x 4.19 x 11.68 cm (approx. 8.03 x 1.65 x 4.6 inches)

Feature	Detail
Weight	249.48 g (approx. 0.55 lbs)

WARRANTY AND SUPPORT

REACHER offers a full refund within 45 days of purchase and an 18-month warranty from the date of purchase.

For any problems, questions, or support needs, please contact REACHER customer service. We are ready to serve you at any time.

Please refer to your purchase documentation or the official REACHER website for specific contact information.

