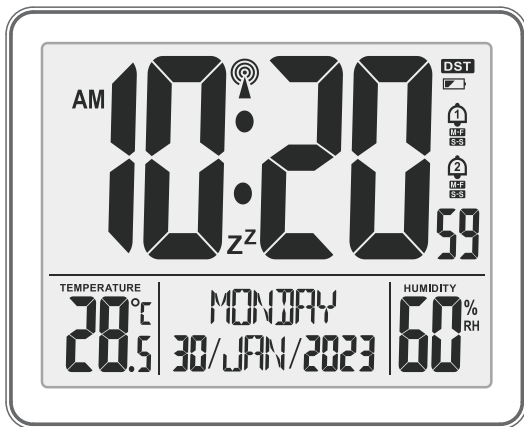


# MANUAL

## DIGITAL ALARM CLOCK



ZG3566A

Thank you for purchasing ZG3566A Digital Alarm Clock  
Please read the manual carefully before use.



# EN - User Manual

## Features:

- ▶ Radio controlled Clock via WWVB frequency
- ▶ Perpetual Calendar Up to Year 2099
- ▶ Days of week in 3 languages users selectable: English, Français and Español
- ▶ Time in 12/24 hour format.
- ▶ Dual Daily Alarm Functions (Alarm Repetition: workday and week)
- ▶ Automatic snooze function (OFF or 5~60min)
- ▶ Temperature alternatively in °C or °F
- ▶ Temperature measurable ranges: -9.9°C~ 50°C(±2) / 14°F~122°F(±3.6)
- ▶ Humidity measurable ranges: 20%RH ~ 95%RH(±5)
- ▶ Low battery prompt
- ▶ Light-at-night function
- ▶ Power Supply: Battery: 2 x LR03 AAA

## Appearance:

### Part A - Display

A1: Radio Controlled icon

A2: Light-at-Night icon

A3: Time

A4: Snooze icon

A5: Indoor Temperature

A6: Date

A7: Month

A8: DST Function

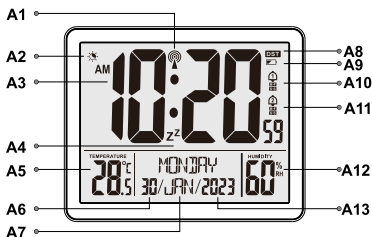
A9: Low Battery

A10: AL1 & Repeat

A11: AL2 & Repeat

A12: Indoor Humidity

A13: Year



### Part B – Buttons and Framework

B1: [ ☀ / Zz ] Light/Snooze Touch Key

B2: Hanging hole

B3: Support frame

B4: Battery Compartment

B5: [ ▲ ] Increase

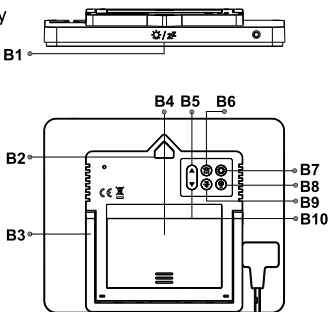
B6: [ ⌚ ] Alarm Setting

B7: [ ⚙ ] Time Setting

B8: [ 📶 ] Radio Control

B9: [ °C / °F ] Temperature Alternatively



B10: [ ▼ ] Decrease



## Initial Operation:

- ▶ Open the clock battery compartment cover
- ▶ Insert 2 x AAA batteries observing polarity [ “+” and “-” marks]
- ▶ When insert the batteries, all the icon on the LCD display will briefly light up for 3 seconds, and you will hear a beep tone. At the same time, clock will get into the working mode.




## Reception of the Radio signal:

- ▶ The clock automatically starts from the **WWVB** signal searching radio signals in 7 minutes after any restart or new batteries replacement. The radio mast icon starts to flash.
- ▶ At 1:00 /2:00 / 3:00 am, the clock automatically carries out the synchronization procedure with the **WWVB** signal to correct any deviations to the exact time. If this synchronization attempt is unsuccessful (the radio mast icon disappears from the display), the system will automatically attempt another synchronization at the next full one hour. This procedure is repeated automatically up to total 5 times.
- ▶ To start manual **WWVB** signal reception, press the [  ] button once. If no signals received within 7 minutes, then the **WWVB** signal search stops (the radio mast icon disappears) and start again at the next full one hour.
- ▶ During RCC reception , to stop searching radio signal, press the [  ] button for more than 2 seconds.






### *F.Y.I.:*

- ▶ A flashing radio mast icon indicates that the **WWVB** signal reception has started
- ▶ A continuously displayed radio mast icon indicates that the **WWVB**

signal was received successfully

- ▶ The symbol [ **DST** ] indicating the time of receipt for daylight saving time.
- ▶ We recommend a minimum distance of 2.5 meters to all sources of interference, such as televisions or computer monitors
- ▶ Radio reception is weaker in rooms with concrete walls (e.g.: in cellars) and in offices. In such extreme circumstances, place the system close to the window.
- ▶ During the **WWVB** radio receive mode, only the [  ] button and [  / **ZZ** ] touch position take effect, other button operations do not work. If you want to use other functions of buttons, please press [  ] button to exit the **WWVB** radio receive mode.

## Manual Time Setting:

- ▶ Press the [ ▼ ] button to change the time displayed in 12 hour or 24 hour format.
- ▶ Press and hold down the [  ] button for 2 seconds, the Button BEEP Sound Settings: ON or OFF, now use [ ▲ ] and [ ▼ ] buttons to set BEEP in ON or OFF.
- ▶ Press [  ] to confirm your setting, the Time zones start to flash, now use [ ▲ ] and [ ▼ ] buttons set a correct time zone ( AST / EST / CST / MST / PST / AKT / HAT).
- ▶ Press [  ] to confirm your setting, the DST icon display starts to flash, now use [ ▲ ] and [ ▼ ] buttons set the **DST** function to activate(ON) or close(OFF)
- ▶ Press [  ] to confirm your setting, the Hour display starts to flash, now use [ ▲ ] and [ ▼ ] buttons to set the correct hour.
- ▶ Press [  ] to confirm your setting, the Minute displays starts to flash,

now use [ ▲ ] and [ ▼ ] buttons to set the correct minute.

▶ Press [ ⚙ ] to confirm your setting, the Year display 2019 starts to flash, now use [ ▲ ] and [ ▼ ] buttons to set the correct year.

▶ Press [ ⚙ ] button to confirm your setting, the Month display starts to flash, now use [ ▲ ] and [ ▼ ] buttons to set the correct month.

▶ Press [ ⚙ ] button to confirm your setting, the Date display starts to flash, now use [ ▲ ] and [ ▼ ] buttons to set the correct date.

▶ Press [ ⚙ ] button to confirm your setting, the language selection for the Weekday displays starts to flash, now use [ ▲ ] and [ ▼ ] buttons to select a language.

▶ Press [ ⚙ ] to confirm your setting and to end the setting procedures, enter the clock mode.

#### ***F.Y.I.:***

▶ After 20 seconds without pressing any button, the clock switches automatically from Set Mode to Normal Time Mode.

▶ There are 3 languages of Weekday: English, Français, Español.

#### **Days of Week Language Display**

Language	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
English	SUNDAY	MONDAY	TUESDAY	WENDESDAY	THURSDAY	FRIDAY	SATURDAY
Français	DIMANCHE	LUNDI	MARDI	MERCREDI	JEUDI	VENDREDI	SAMEDI
Español	DOMINGO	LUNES	MARTES	MIERCOLES	JUEVES	VIRNES	SABADO

## Month Display

Language	January	February	March	April	May	June	July	August	September	October	November	December
English	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Français	JAN	FEV	MAR	AVR	MAI	JUI	JUL	AOU	SEP	OCT	NOV	DEC
Español	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC

► In the set time, the number of minutes of the change, automatically from the zero second forward

► In the set time, you can press hold the [ ▲ ] and [ ▼ ] button to quickly change the setting of the value

► American time zone :

AST: Atlantic Standard Time -4

EST: Eastern Standard Time -5

CST: Central Standard Time -6

MST: Mountain Standard Time -7

PST: Pacific Standard Time -8


AKT: Alaska Standard Time -9

HAT: Hawaii-Aleutian Standard Time -10









► The time zone must be set correctly according to the main unit area, or when the time signal is received, the time will be incorrect

► When the Daylight saving time system is not implemented in this area, please set [ DST ] to OFF

## Daily Alarms Setting:

► Press and hold down [  ] button more than 3 seconds until Alarm 1 Time hour display of the Alarm 1 time starts to flash. Use the [ ▲ ] and [ ▼ ] buttons to set the required hour.



- ▶ Press [  ] button to confirm your setting, The Minute display of the Alarm 1 time starts to flash. Use the [ ▲ ] and [ ▼ ] buttons to set the required minute.
- ▶ Press [  ] button to confirm your setting, The Repeat icon “M-F” of the Alarm 1 time starts to flash. Use the [ ▲ ] and [ ▼ ] buttons to set the alarm repeat in “M-F” or “S-S” or “M-F” and “S-S”.
- ▶ Press [  ] button to confirm your setting, the snooze time of the Alarm1 starts to flash. Use the [ ▲ ] and [ ▼ ] buttons to set the minute of snooze you need.
- ▶ Press [  ] button to confirm your setting, The Hour display of the Alarm 2 time starts to flash. Use the [ ▲ ] and [ ▼ ] buttons to set the required hour.
- ▶ Press [  ] button to confirm your setting, The Minute display of the Alarm 2 time starts to flash. Use the [ ▲ ] and [ ▼ ] buttons to set the required minute.
- ▶ Press [  ] button to confirm your setting, The Repeat icon “S-S” of the Alarm 2 time starts to flash. Use the [ ▲ ] and [ ▼ ] buttons to set the alarm repeat in “M-F” or “S-S” or “M-F” and “S-S”.
- ▶ Press [  ] button to confirm your setting, the snooze time of the Alarm2 starts to flash. Use the [ ▲ ] and [ ▼ ] buttons to set the minute of snooze you need.
- ▶ Press [  ] button to confirm your setting and to end the setting procedure.






***F.Y.I.:***

- ▶ The alarm is repeatedly set to M-F, the alarm function will be activated from Monday to Friday, the Saturday and Sunday will be invalid. The alarm is repeatedly set to S-S, and the alarm function will be activated on

Saturday and Sunday, and will expire from Monday to Friday. When the alarm is repeatedly set to display both M-F and S-S, the alarm function will be activated throughout the week.

- ▶ the snooze time setting range: 5 ~ 60MIN, OFF, when set to OFF, means no snooze function. Snooze time unit is minutes.
- ▶ After 20 seconds without pressing any button the clock switches automatically from setting mode to Normal clock mode.


## Turn ON/OFF Alarms

- ▶ Press [  ] button can switch the display ALARM1 time or ALARM2 time, in the ALARM1 or ALARM2 display mode, press the [ ▲ ] button to turn the alarm ON / OFF.
- ▶ When the ALARM1 or ALARM2 is turned on, the [  ] or [  ] icon is displayed. The ALARM1 or ALARM2 function is open, The repeat of alarm icon at the same time is also displayed.
- ▶ When the ALARM1 or ALARM2 is turned off, the [  ] or [  ] icon disappears, the ALARM1 or ALARM2 function is close.


### ***F.Y.I.:***


- ▶ The alarm will sound for 2 minutes if you do not deactivate it by pressing any button. In this case the alarm will be repeated automatically after 24 hours.
- ▶ Rising alarm sound (crescendo, duration: 2 minutes) changes the volume 4 times whilst the alarm signal is heard.

## Switching OFF the Alarm Signal


- ▶ The alarm sound when the trigger, press any button buttons or touch the [  / zZ ] character position and hold for more than 2 seconds to stop the alarm signal.

## Snooze Function:

▶ When the time is up to the alarm, touch the [  / **zZ** ] character position, the alarm signal stops, and enter the SNOOZE mode. After the snooze time is counted, the alarm will ring again.

▶ In snooze mode, press any button buttons or touch the [  / **zZ** ] character position and hold for more than 2 seconds to exit the snooze mode.

### *F.Y.I.:*


When the snooze function is set to OFF, when the time is up to the alarm, touch the [  / **zZ** ] character position does not have this snooze function.

## Temperature & Humidity Detection:

▶ Temperature measuring range: +14°F (-9.9°C) ~ +122°F (+50°C), **LL.L** °C(°F) will displayed if value lower than +14°F (-9.9°C), **HH.H** °C(°F) will displayed if value higher than +122°F (+50°C).

▶ Humidity measuring range: 20%RH ~ 95%RH, **19%RH** will display if value lower than 20%RH, **96%RH** will display if value higher than 95%RH.


## °C or °F Temperature Display


▶ The temperature is displayed either in °C or °F. Briefly pressing the [  ] button allows you to switch between the individual modes.


## Low Battery:


▶ When the low voltage icon [  ] is displayed, you need to replace the clock battery.



## Night Light function:

► the product is powered by batteries, touch the [  / **ZZ** ] field. Backlight lit 8 seconds.

► Touch and hold the [  / **ZZ** ] field for more than 3 seconds, the

icon [  ] is displayed on the LCD display, The brightness of the backlight will vary according to the brightness of the ambient light. When the light is bright, the backlight is off. When the light is low, the backlight brightens slightly.

► In backlight auto mode, the backlight can be switched to the highest brightness for 8 seconds by touching the [  / **ZZ** ] field. Touch and

hold the [  / **ZZ** ] field for more than 3 seconds, the icon [  ] is not displayed and exit backlight auto mode.

### ***F.Y.I.:***

► During the reception time of the radio wave signal, the backlight will be automatically closed to prevent the interference of the radio wave.

## **SAFETY**

- This item can be used by children 8 years of age and above, as well as by persons with reduced physical, sensory, or mental capacities or lacking experience and knowledge, if they are supervised or have been instructed in the safe use of the item and understand the dangers that may arise.
- Children must not play with the item.
- Cleaning and user maintenance must not be carried out by children, unless they are 8 years of age or older and are being supervised.
- Batteries, when swallowed, can be life-threatening. Therefore, keep the product and battery out of reach of small children. If a battery is swallowed, medical assistance must be sought immediately.

## **RISK OF BATTERY LEAKAGE**

- In the event of a battery leak, immediately remove it from the device to prevent damage.
- Avoid contact with battery acid, thoroughly flush the affected area with plenty of clean water and seek immediate medical attention.
- Only use the same type of batteries, do not mix used and new batteries.
- Avoid extreme environmental conditions and temperatures as they may affect batteries e.g. above radiators.
- Remove the batteries from the device if they have not been used for a long period.

## **RISK OF EQUIPMENT DAMAGE**

- Only use the specified battery type.
- When inserting the battery ensure the correct polarity. This is shown in the battery compartment.
- If necessary, clean the battery and device contacts before inserting the battery.

- Promptly remove drained batteries from the product.
- Do not make any modifications to the item. Only allow repairs to be carried out at a specialist workshop. Repairs carried out incorrectly can considerably endanger the user.

## **GUARANTEE**

The device has been manufactured to strict quality guidelines and meticulously examined before delivery. The company FanJu guarantees the warranty for this device is 1 year from the purchase date.



## **DECLARATION OF CONFORMITY**

This product was manufactured in accordance with the harmonized European standards, you will find the declaration of conformity below:

- 2014 / 30 / EU EMC Directive
- 2014 / 53 / EU RED Directive
- 2011/ 65 / EU RoHS Directive

## **Disposal**



The packaging is made of environmentally friendly materials, which may be disposed through your local recycling facilities.



When your device has come to the end of its life, in the interest of environmental protection please do not throw it out with your household refuse, but take it to a suitable center where it can be disposed of properly.



All batteries must be handed in at a collection point in your community, suburb, or at the retailer. Such batteries can thus be disposed of in an environmentally friendly way.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

