

## 397BC Instruction Manual



### I. Function introduction:

- 1, indoor and outdoor temperature, humidity, time, month, day, week, moon phase, outdoor comfort display.
- 2, alarm clock function.
- 3, snooze function: 5 minutes snooze time.
- 4, 12/24 hour system selection
- 5, calendar function: 2000.1.1~2099.12.31 years
- 6, indoor temperature detection range:  $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$ , the detection time is 30 seconds. (Beyond the minimum display LL.L, beyond the maximum display HH.H) resolution  $0.1^{\circ}\text{C}$ .
- 7, humidity detection function: indoor humidity detection range 20%~95%, detection time is 30 seconds. (20% above minimum display, 95% above maximum display)
- 8, outdoor temperature detection range:  $-40^{\circ}\text{C}\sim 70^{\circ}\text{C}$ , normal temperature operating range  $-30^{\circ}\text{C}\sim 60^{\circ}\text{C}$ , (beyond the minimum display LL.L, beyond the maximum display HH.H) resolution  $0.1^{\circ}\text{C}$
- 9, outdoor humidity detection range: 20%~95%, (beyond the minimum display 20%, beyond the maximum display 95%) resolution 1%.
- 10, time accuracy:  $\pm 2$  seconds/day
- 11, temperature accuracy:  $\pm 1^{\circ}\text{C}$  ( $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$ ) other  $\pm 2^{\circ}\text{C}$
- 12, humidity accuracy:  $\pm 5\%$  (30%~85%) other  $\pm 7\%$
- 13, temperature display format selection ( $^{\circ}\text{C}/^{\circ}\text{F}$ )
- 14, backlight function
- 15, seven languages: English, German, French, Spanish, Italian, Dutch, Danish
- 16, indoor and outdoor maximum and minimum temperature and humidity historical record value.
- 18, the moon image display

### 2. Basic functions:

After the power is powered on, the LCD displays BIBI sound for 2 seconds and enters clock mode to display 0:00, displaying the current temperature and humidity

Power-on Default:

Time display 0:00 (24 hours)

Date: January 1, 2024

The alarm is off by default. The alarm time is AM6:00

### Clock Settings

2.1 In the normal TIME display mode, hold DOWN the TIME key for more than 3 seconds to enter the setting state. The year blinks. Press the UP or Down key to adjust the desired year, and press the Time key to confirm. When the month flashes, press the "UP" or "DOWN" key to adjust to the desired month, and press the "TIME" key to confirm; When the date is blinking, press the "UP" or

"DOWN" key to adjust it to the desired date, and press the "TIME" key to confirm; If the clock is blinking, press the UP or DOWN key to adjust the clock, and press the TIME key to confirm. If the minute blinks, press the "UP" or "DOWN" key to adjust to the required minute, and press the "TIME" key to confirm. Language blink, press "UP" or "DOWN" to adjust to the desired language, and press "TIME" to confirm and exit the setting state.

2.2 In normal TIME display mode, press the Time key to switch to the 12/24 hours.

2.3 Press DOWN to perform the C/F switch.

#### **Alarm clock setting:**

3.1 In the normal time display mode, hold DOWN the ALARM key for about 3 seconds to enter the ALARM setting state, and the alarm clock blinks. Press UP or Down to adjust the desired clock, and press Alarm to confirm the confirmation. If the minute blinks, press the UP or DOWN key to adjust to the required minute, and press ALARM to confirm and exit the setting.

3.2 In the normal alarm state, press the "SNOOZE/LIGHT" key to enter the SNOOZE mode of the alarm clock, the snooze symbol will be displayed, the snooze time will be 5 minutes, when the alarm is ringing or snooze (except the SNOOZE/LIGHT key), press any other key to stop the alarm of the day and turn off the current snooze function; The next day when the alarm time arrives to continue the alarm; When the alarm goes off without any operation, the alarm will be automatically turned off for 2 minutes. (Manual can be unlimited snooze).

3.3 In Normal time Mode, press the ALARM key to enable or disable the alarm function. When the alarm function is enabled, the alarm symbol is displayed.

3.4 No Operation Is Performed on the Alarm Screen The Normal time screen is displayed after 20 seconds.

#### **Backlight function:**

4.1 Under normal conditions, press the snooze backlight button to turn on the backlight for 6 seconds.

4.2 When entering the setting state, the backlight is steady on. After exiting the setting, the backlight is on for 6 seconds.

Five: Indoor and outdoor temperature and humidity maximum and minimum function

4.3 Press the UP key to view the maximum and minimum historical values of indoor and outdoor temperature and humidity.

4.4 Hold down the UP key to clear the current maximum and minimum temperature and humidity values

4.5 Clear the current maximum and minimum Temperature and humidity values 24 hours later.

#### **RF receiving function:**

5.1 The RF receiving mode of this product is synchronous.

5.2 After the battery is loaded, it automatically enters the RF reception for 3 minutes. The antenna symbol flashes at 1HZ,

5.3 After receiving the signal, synchronously receive it according to different channels in the following cycles:

Ch1: 57 seconds, Ch2:67 seconds, Ch3:79 seconds

5.4 Press and hold the "CHANNEL" button in standard mode for 2 seconds, clear the display of

the current RF Channel, enter the RF long reception for 3 minutes, and re-open the RF Channel registration (Note: in this state, the corresponding CH is in the open registration state, and the original registered ID will be overwritten if the valid signal is received)

5.5 The registered Channel has not received a valid signal for 60 consecutive minutes, This Channel displays "--." and enters the RF long reception for 3 minutes to reopen the registration. If a valid signal is received, it will exit the long reception mode and return to the normal mode. Until the signal is received or reset (note: in this state, the corresponding CH is in the open enrollment state, and the original registered ID will be overwritten if a valid signal is received)

5.6 RF When receiving, the antenna symbol flashes at a frequency of 1HZ

#### Outdoor comfort indicator:

6.1 DRY When the humidity is lower than 40%, it indicates DRY.

6.2 Comfortable When the temperature is 20°C~28°C humidity 40%~70%, indicating GOOD.

6.3 WET When the humidity is higher than 70%, the indicator is WET.

#### Week display in 7 Languages list:

	EN	GE	FR	ES	IT	NE	DR
	ENGLISH	GERMAN	FRENCH	SPANISH	ITALIAN	NETHERLANDS	DENMARK
SUNDAY	SU<SU>	SO<SO>	DI<DI>	DO<DO>	DO<DO>	ZO<ZO>	SO<SO>
MONDAY	MO<MO>	MO<MO>	LU<LU>	LU<LU>	LU<LU>	MA<MA>	MA<MA>
TUESDAY	TU<TU>	DI<DI>	MA<MA>	MA<MA>	MA<MA>	DI<DI>	TI<TI>
WEDNESDAY	WE<WE>	MI<MI>	ME<ME>	MI<MI>	ME<ME>	WO<WO>	ON<ON>
THURSDAY	TH<TH>	DO<DO>	JE<JE>	JU<JU>	GI<GI>	DO<DO>	TO<TO>
FRIDAY	FR<FR>	FR<FR>	VE<VE>	VI<VI>	VE<VE>	VR<VR>	FR<FR>
SATURDAY	SA<SA>	SA<SA>	SA<SA>	SA<SA>	SA<SA>	ZA<ZA>	LO<LO>

#### Moon phase:

1. Moon phase change by time setting.

2. The main receiver display 4 different moon phases:



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.

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

NOTE: This equipment 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 equipment 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 equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment 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 equipment and receiver
- Connect the equipment 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

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC warning:

This device contains licence-exempt transmitter(s)/receiver(s)/ that comply with Innovation Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure: This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment; To maintain compliance with IC's RF Exposure guidelines.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Déclaration de l'ISED Canada:

Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux flux RSS exemptés de licence d'innovation sciences et développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- 1) ce dispositif ne peut pas causer l'interférence et
- 2) ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un fonctionnement indésirable du dispositif.

Exposition au rayonnement: cet équipement est conforme au rayonnement du Canada

Les limites d'exposition établies pour un environnement non contrôlé; Maintenir la conformité aux lignes directrices sur l'exposition aux RF d'ic.

Cet appareil et sa ou ses antennes ne doivent pas être situés au même endroit ou fonctionner conjointement avec une autre antenne ou un autre émetteur.