













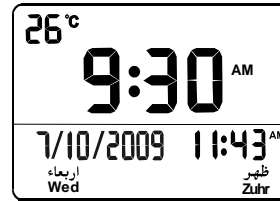
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## MAIN FEATURES

1

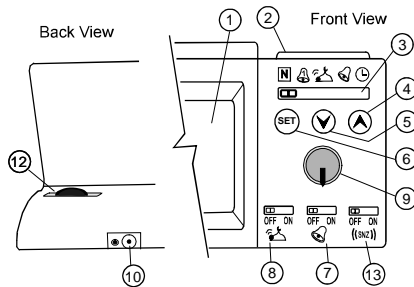
-  Azan sound for all prayers (with volume control)
-  Azan times for all cities around the world
-  Fajr alarm, adjusted automatically everyday
-  Daily alarm (weekends optional)
-  Special extra alarm
-  Qibla direction (relative to North)
-  Hijri and Gregorian calendars
-  °C Temperature display
- DST** Daylight saving time option
-  Low Battery indicator
-  Snooze option
-  Full screen Light
-  Crescendo alarms



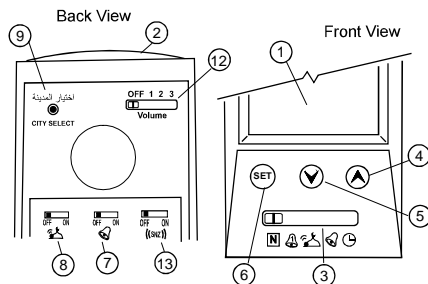
LCD Display

## OVERVIEW

2



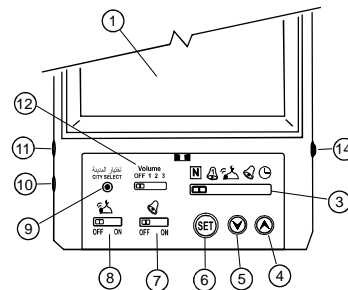
Model: CT-01



Model: CS-03

## OVERVIEW

3



Model: CW-05

- |                       |                           |
|-----------------------|---------------------------|
| 1. LCD display        | 8. Fajr alarm switch      |
| 2. STOP button/Light  | 9. City selector          |
| 3. Setting switch     | 10. DC socket             |
| 4. UP button          | 11. Speaker socket        |
| 5. DOWN button        | 12. Volume control switch |
| 6. SET button         | 13. Snooze switch         |
| 7. Daily alarm switch | 14. STOP button           |

## 4 SETTING THE TIME

Setting the time, the calendars and the three alarms are almost the same. Note that when setting and number in the clock, that number will be flashing.

To set the time, follow the steps below:

	1) Move the setting switch to  and press <b>SET</b> twice.
	2) Use  or  to adjust the hours, then press <b>SET</b> (Notice the AM/PM icons)
	3) Use  or  to adjust the minutes, then press <b>SET</b>
	4) Switch back to <b>N</b> position.

**NOTE** Whenever minutes are changed (in step 3), the seconds will be reset to **00**

## 5 SETTING THE CALENDAR

The clock displays the Hijri or Gregorian calendar. To toggle between the two calendars, press **SET**

To set the Gregorian (or Hijri) calendar, first make sure that the desired calendar is displayed, then follow the steps below:

	1) Move the setting switch to  and press <b>SET</b> twice.
	2) Use  or  to adjust the days, then press <b>SET</b>
	3) Use  or  to adjust the months, then press <b>SET</b>
	4) Use  or  to adjust the year, then press <b>SET</b>
	5) Switch back to <b>N</b> position.

**NOTE** After setting the Gregorian calendar, the Hijri calendar will be re-calculated according to the moon sighting at Makkah for that date. But, changing the Hijri calendar, does not affect the Gregorian calendar.

## 6 SELECTING YOUR CITY

To select a city, look up the telephone code of your city (see page 18)\*, and follow the steps below.

	1) Press the city select button, in models CS-03 & CW-05.
	In model CT-01, first move the city dialer and then return it back to (Other Cities) position.
	2) Use  or  to adjust the city code, then press <b>SET</b>
	Qibla direction and angle will appear (see page 12).

\* If your city is not listed, follow the steps on page 16 or refer to: [www.alfajr.com/newcity](http://www.alfajr.com/newcity)

**NOTE** If azan times are not correct, make sure to correctly set: Gregorian calendar, city code, DST option, and a suitable taqweem system for your city (see page 14).

## 7 SETTING FAJR ALARM

This unique feature allows you to wake up exactly at the same time relative to fajar azan everyday.

For example, suppose you set this alarm to 5:10 AM and the fajar azan is at 5:00. If fajar azan becomes 5:01 in the next day, then automatically the fajar alarm will change to 5:11 AM. This way, the alarm will always ring 10 minutes after fajar azan everyday.

To set this alarm, lookup the current fajar azan time from the clock and decide your desired wake up time, then follow the steps below:

	1) Move the setting switch to
	2) Use  or  to adjust the hours, then press <b>SET</b>
	3) Use  or  to adjust the minutes, then press <b>SET</b>
	4) Switch back to <b>N</b> position.
	5) Turn <b>ON</b> the alarm switch. The icon  will be displayed.

**NOTE** If Fajar alarm is set to ring exactly at Fajar azan time, the sound of azan will be disabled.

## SETTING DAILY ALARM 8

The daily alarm is a regular alarm that rings at the same time everyday. Moreover, this alarm can be set to ring only on weekdays (see next page).

Setting the daily alarm is shown below:

	1) Move the setting switch to
	2) Use  or  to adjust the hours, then press
	3) Use  or  to adjust the minutes, then press
	4) Switch back to  position.
	5) Turn <b>ON</b> the alarm switch. The icon  will be displayed.

**NOTE** To stop any alarm, you may press **STOP** button (rather than turning OFF the alarm switch).

## WEEKEND SETTING 9

The daily alarm can be automatically disabled on weekends, as per the following options:

- rings everyday except Saturday and Sunday
- rings everyday except Sunday
- rings everyday except Friday and Saturday
- rings everyday (no icon, or blank)

**Example:** To set the daily alarm to ring everyday except Sunday, follow the steps below:

	1) Move the setting switch to  and press  twice.
	2) Use  or  to select the symbol  then press . The selected days will be flashing.
	3) Switch back to  position.
	4) Turn <b>ON</b> the alarm switch. The icon  will be displayed.

**NOTE** If the weekend in the selected city is on Thursday and Friday, means this alarm doesn't ring on Thursday and Friday and means it does not ring on Fridays.

## SETTING SPECIAL ALARM 10

In addition to fajr and daily alarms, this clock also include an extra alarm (special alarm) for one time appointment. When this alarm is set, the other two alarm settings are not affected.

The steps below illustrate the setting of this alarm.

	1) Move the setting switch to
	2) Use  or  to adjust the hours, then press
	3) Use  or  to adjust the minutes, then press
	4) Switch back to  position.

**NOTE** After setting this alarm, the icon will appear on the screen. To cancel this alarm, press and hold the for few seconds; you will hear a soft beep, and the icon will disappear.

## STOPPING THE ALARMS 11

Simply press the **STOP** button to stop any alarm (in this case, the alarm will ring again on next day).

Alarms can also be stopped by turning off the alarm switch (but in this case, the alarm will not ring again on the next day).

**NOTE** Note: To cancel any alarm in the coming 20 minutes, press and hold the **STOP** button until you hear the beep.

## (((SNZ))) SNOOZE OPTION

When the switch is turned ON, the clock will be in snooze mode (and the **snz** icon will be displayed). In this case, after stopping the alarm (by pressing the **STOP** button), the alarm will ring again after five minutes. (Notice that the **snz** icon will be flashing).

To completely stop the alarm, press and hold the **STOP** button for few seconds until you hear the beep. (Notice now that **snz** icon is not flashing).

## DST DAYLIGHT SAVING TIME 12

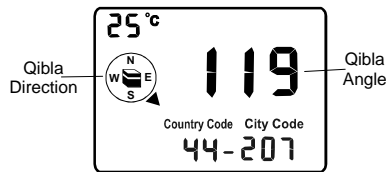
To set Daylight Saving Time (DST) for any city (except cities in the Arabian peninsula), press and hold the button for few seconds. You will hear a soft beep and will notice that the current time and the azan times are increased by one hour. The icon **DST** will also appear on the screen.

To get back to standard time, press and hold button for few seconds. The **DST** icon will disappear and the current time and azan times will decrease by one hour.

## QIBLA DIRECTION

After selecting your city code, the qibla direction will appear on the screen. The exact qibla angle will also be displayed. The angle is between 0 and 360 degrees, clockwise from North.

**Example:** After selecting London's city code "44-207", the clock will display the qibla direction (South East) and qibla angle (119 degrees, clockwise from North), as follows:



## AZAN TAQWEEM SYSTEMS 14

Fajr and Isha times are calculated by either an angle of the sun below the horizon or by an interval of time. This clock is programmed to use the local taqweem or the most widely used system for your city. Also, you can change to another system, as follows:

### Selecting Hanafi Asr Azan:

Press and hold and move the switch to the position, then release . Use or to select **H** (which means Hanafi) or **-** which means regular Asr time. Notice that Asr azan time will be flashing (and changing) during Hanafi setting mode.

### Selecting Taqweem System (for Fajr & Isha):

Press and hold and move the setting switch to the position, then release and press it again.

Use or to select the desired system as follows:

- Local taqweem
- Muslim League
- Islamic Society of North America (ISNA)
- Islamic Scientific University (Hanafi)
- Egypt taqweem
- Um Alqura taqweem
- Fajr azan is 1:30 hours before Shuroq and Isha azan is 1:30 hours after Magrib.

**NOTE** After re-selecting a city, the clock will be reset to use the city's default taqweem.

## AZAN SOUND ACTIVATION 13

The sound of the complete azan can be played at every azan time. And the volume level can be adjusted using the volume switch.

When the azan sound is turned OFF, the icon will disappear from the screen, and three beeps will sound at the time of each azan.

Model CW-05 clock also include a speaker jack which can be connected to an external speaker.

**NOTE** When an alarm is set at the time of any azan, that azan sound will be disabled.

## AZAN SAFETY TIME

As needed, any azan time can be adjusted forward or backward by a fixed number of minutes, as follows:

- Press and hold
- Move the switch to position, then release
- Use or to set the safety time for fajr azan. Fajr azan time will be displayed.
- Press to adjust Shuroq safety time, ... etc.
- Return the switch to position.

**NOTE** After selecting another city, all safety times are reset, and need be re-adjusted if needed.

## HIJRI CALANDER CALCULATION 15

The Hijri calendar in this clock is calculated based on the astronomical moon sighting at Makkah. Accordingly, It is re-calculated after setting the Gregorian calendar.

This unique feature helps to determine the Gregorian dates for the corresponding Hijri-based Islamic events. For example, to know Eid Al-Fitr in the year 1430, set the Gregorian date to 20/9/2009, then check whether the calculated Hijri date is 1/10/1430 or not.

## BATTERIES & DC-JACK

This clock is powered by **AA** size alkaline batteries. Replace batteries when **LOW BAT** icon appear on screen. You may notice that azan sound becomes weak or screen becomes faded.

Alkaline batteries can last more than six months when azan is played regularly with maximum volume.

Models CT-01 and CW-05 also have DC jack. You can use a (Nokia phone) charger. You may also use any other 6 Volt adapter with at least 500 mA. Note that polarity should be positive to inside and negative to outside.



This clock can be used anywhere around the world. You can select your city directly by selecting its city code, see page 6.

If your location is not one of the major listed cities on page 18, your location can be added to the list of cities as "NEW CITY" using (999-999) city code.

Refer to: [www.alfajr.com/newcity](http://www.alfajr.com/newcity)

If you do not have access to the internet, you may program "your city" by using an already "listed city" (which is close to your city), as shown below:

**Example:**

To program Lausanne city in Switzerland, (with azan times two minutes before Geneva):

- 1/ Select 999-999 newcity code
- 2/ Select 41-22 Geneve city code
- 3/ Select -2 Azan difference
- 4/ Select 18:17 Muslim League taqweem

Now, Lausanne city code is 999-999

**NOTE** To get more accurate azan times, refer to: [www.alfajr.com/newcity](http://www.alfajr.com/newcity)

**CITY CODES**

Abha	966-7	Bonn	49-228	Dubai	971-4
Abu Dhabi	971-2	Bordeaux	33-56	Dublin	353-1
Adana	90-322	Boston	1-617	Durban	27-31
Addis Ababa	251-1	Brisbane	61-7	Dushanbe	992-377
Aden	967-2	Bristol	44-117	Edinburgh	44-131
Ahmedabad	91-272	Brussels	32-2	Esfahan	98-31
Alayn	971-3	Bucharest	40-1	Faisalabad	92-411
Albaha	966-77	Budapest	36-1	Frankfurt	49-69
Albuquerque	1-505	Buenos Aires	54-1	Fujairah	971-9
Aleppo	963-21	Buffalo	1-716	Gaza	970-7
Alexandria	20-3	Buraydah	966-6	Geneva	41-22
Algeria	213-2	Bursa	90-224	Glasgow	44-141
Alkhalil	970-2	Cairo	20-2	Hafar Albatin	966-37
Almansurah	20-50	Calcutta	91-33	Hail	966-65
Almaty	7-327	Calgary	1-403	Hamburg	49-40
Alquds	0-3	Calicut	91-495	Hanover	49-511
Alur Setar	60-4	Cape Town	27-21	Hartford	1-203
Amman	962-6	Caracas	58-2	Helsinki	358-9
Amsterdam	31-20	Casablanca	212-	Homs	963-31
Ankara	90-312	Cebu	63-32	Hong Kong	852-
Annaba	213-8	Charlotte	1-704	Honolulu	1-808
Athens	30-1	Chennai	91-44	Houston	1-713
Atlanta	1-404	Chicago	1-312	Hufoof	966-35
Auckland	64-9	Cincinnati	1-513	Hyderabad	91-40
Az Zarqa	962-9	Cleveland	1-216	Indianapolis	1-317
Baghdad	964-1	Cologne	49-221	Ipoh	60-5
Baku	994-12	Colombo	94-1	Irbid	962-2
Baltimore	1-301	Columbia	1-803	Islamabad	92-51
Bander Seri	673-2	Columbus	1-614	Istanbul	90-212
Bandung	62-22	Copenhagen	45-1	Izmir	90-232
Bangalore	91-80	Dakar	221-	Jackson	1-601
Bangkok	66-2	Dallas	1-214	Jacksonville	1-904
Barcelona	34-3	Damascus	963-11	Jakarta	62-21
Basrah	964-40	Dammam	966-3	Jeddah	966-2
Beijing	86-1	Dar esalam	255-51	Jersey City	1-201
Beirut	961-1	Davao	63-82	Jizan	966-73
Belgrade	381-11	Delhi	91-11	Johannesburg	27-11
Benghazi	218-61	Denver	1-303	Johar Bahru	60-7
Berlin	49-30	Des Moines	1-515	Kabul	93-
Birmingham	44-121	Detroit	1-313	Kano	234-64
Birmingham*	1-205	Dhaka	880-2	Kansas City	1-816
Bombay	91-22	Doha	974-	Karachi	92-21

- Q:** Azan times are not correct. Why?  
**A:** Make sure you have correctly set the following: **a)** city code, **b)** Gregorian calendar, **c)** Day light saving time option, **d)** Taqweem system (azan time calculation methods).
- Q:** Can other cities be programmed in this clock?  
**A:** Yes, any location can be programmed (page 16).
- Q:** How can I set the daily alarm so that it will not ring on Sundays?  
**A:** Follow the weekend setting on page 9 and select the little [6] symbol in step 2.
- Q:** How can I find out the astronomical beginning of Ramadhan at Makkah for any year?  
**A:** Set the Gregorian calendar to the expected date, then check the astronomically calculated Hijri calendar.
- Q:** I can not hear the Azan sound. Why?  
**A:** Make sure the alkaline batteries are not weak and also the volume control switch is turned ON.
- Q:** The azan sound is working for all prayers except for Fajr azan. Why?  
**A:** It is possible that Fajr alarm is set to ring exactly at Fajr azan time.
- Q:** After stopping the alarm, it rings again after five minutes. Why?  
**A:** Alarms are in **SNZ** mode, press and hold **STOP** for few seconds (until you hear soft beep); this can also be used will also stop all alarms coming in next 20 minutes.

**CITY CODES (continued)**

Kathmandu	977-	Montreal	1-514	Sana'a	967-1
Khartoum	249-11	Moscow	7-95	Sao Paulo	55-11
Kiev	380-44	Mosul	964-60	Sarajevo	387-33
Kinshasa	243-	Mukkalla	967-5	Seattle	1-206
Kota Baharu	60-97	Munich	49-89	Semarang	62-241
Kota Kinbalu	60-88	Muscat	968-	Seoul	82-2
Kuala Lumpur	60-3	Nairobi	254-2	Shanghai	86-21
Kuala Treng	60-9	Naples	39-81	Sharjah	971-6
Kuching	60-82	Nashville	1-615	Sheffield	44-114
Kuwait	965-	New Orleans	1-504	Shiraz	98-71
Lagos	234-1	New York	1-212	Singapore	65-
Lahore	92-42	Nicosia	357-2	Sofia	359-2
Leeds	44-113	Norfolk	1-804	Srinagar	91-194
Leicester	44-116	Nottingham	44-115	St. Louis	1-314
Lisbon	351-1	Nouakchott	222-	St. Petersburg	7-812
Little Rock	1-501	Oklahoma	1-405	Stockholm	46-8
Liverpool	44-151	Omaha	1-402	Stuttgart	49-711
London	44-207	Osaka	81-6	Surabaya	62-31
Los Angeles	1-213	Oslo	47-2	Sydney	61-2
Louisville	1-502	Ottawa	1-613	Tabuk	966-4
Lucknow	91-522	Padang	62-751	Taipei	886-2
Luxembourg	352-	Palembang	62-711	Tangier	212-9
Lyons	33-7	Paris	33-1	Tbilisi	995-883
Madinah	0-2	Perth	61-8	Tehran	98-21
Madras	91-44	Philadelphia	1-215	Tokyo	81-3
Madrid	34-1	Phoenix	1-602	Toronto	1-416
Mekkah	0-1	Pittsburgh	1-412	Tripoli	961-6
Malaga	34-52	Port Elizabeth	27-41	Tripoli West	218-21
Manama	973-	Portland	1-503	Trivandrum	91-471
Manchester	44-161	Prague	420-2	Tunis	216-1
Manila	63-2	Providence	1-401	Turin	39-11
Marrakech	212-4	Rabat	212-7	Uj. Pandang	62-411
Marseille	33-91	Ras Alkhyma	971-7	Urumqi	86-991
Mashhad	98-51	Rio de Janeiro	55-21	Valencia	34-6
Medan	62-61	Riyadh	966-1	Valetta	356-
Melbourne	61-3	Rome	39-6	Vancouver	1-604
Memphis	1-901	Rotterdam	31-10	Vienna	43-222
Mexico City	52-5	Sakakah	966-46	Warsaw	48-22
Miami	1-305	Salalah	968-2	Washington	1-202
Milan	39-2	Salt Lake City	1-801	Wellington	64-4
Milwaukee	1-414	Salzburg	43-662	Wichita	1-316
Minneapolis	1-612	San Diego	1-619	Zagreb	385-1
Minsk	375-17	San Francisco	1-415	Zurich	41-1