Tawkit 9.63 — User Guide

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1. What Tawkit is

Tawkit is a free prayer-times display for mosques and homes. It runs full screen on a TV, a computer, a tablet or a phone, with or without internet.

- **Free, no ads.** Tawkit is a waqf: it may not be sold.
- **Used in 74+ countries**, in 48 languages.
- **Author:** Ismail Chagdali. He created the app in 2013 for home use; since 2016 it is used in mosques worldwide.

On the screen	Details
Clock and dates	Clock, weekday, Hijri date and Gregorian date
Prayer times	Fajr, Shuruq (sunrise), Dhuhr, Asr, Maghrib, Isha, each with its adhan time and its iqama
Adhan and iqama	Sounds, adhan screen, countdown to iqama, black screen during the prayer
Night times	Middle of the night, last third of the night, tomorrow's Fajr
Qur'an and hadith	A new verse every minute (48 languages) and a new hadith every minute
Adhkar	After each prayer, plus morning and evening adhkar
Mosque content	Scrolling announcements, slides with text or pictures
Friday, Ramadan, Eid	Jumu'a time, Isha +30 minutes in Ramadan, Eid prayer banner
Weather	Temperature now and a 7-day forecast
Look	40 backgrounds, your own picture, several fonts, landscape or portrait screen

How to read this guide:

- **Menu** ☰ is the button at the top-left of the app. Every setting starts there.
- When the app asks for a time, type it in 24-hour format: 1:30 pm is `13:30`.
- **Landscape** is a horizontal screen. **Portrait** is a vertical screen.
- This guide describes version 9.63. The spelling of some names can differ a little on your screen (for example Azan for Adhan, Dohr for Dhuhr, Jomoa for Jumu'a, Azkar for Adhkar).

2. Choose your version

For a mosque screen, use the Android app on a TV box. All versions show the same app with the same options.

Version	Best for	How you get it
Android app (APK)	Android TV boxes, smart TVs with Android, tablets, phones	Download the APK from the download page and install it
Offline ZIP (HTML)	Windows, Mac, Linux, Raspberry Pi. Also for advanced users who want to change files (fonts, sounds, languages)	Download the ZIP, unzip it, open `index.html` in a browser

Version	Best for	How you get it
Web version	Any device with a browser, nothing to install	Open offline.tawkit.net
Online version	Older version with a free account and fewer features	online.tawkit.net

Good to know:

- **Web version:** it is the same offline app, put on the web. Internet is needed only the first time, then it keeps working offline. For a screen used every day, the APK or the ZIP is better.
- **iPhone and iPad:** open offline.tawkit.net in Safari, then choose "Add to Home Screen" to launch it easily next time.
- **A device where the app cannot be installed:** open offline.tawkit.net in its browser.
- **Amazon Fire TV:** avoid it. It does not allow auto-start, so the app must be launched by hand after every restart.

The Android app differs from the browser versions in three points: the app plays the sounds itself, it has no Fullscreen button, and its menu has an **AUTO-START** checkbox.

3. What you need for a mosque screen

Any TV with an HDMI input and an Android TV box is enough. A smart TV that runs Android needs no box.

Item	Recommendation
Screen	Any TV or monitor with HDMI
Player	Android TV box, or a smart TV with Android. A computer or a Raspberry Pi also works with the ZIP version
Android version	9 to 13 is best. Newer versions can block auto-start and USB
Memory (RAM)	At least 2 GB
Real-time clock (RTC)	Recommended. It keeps the time during power cuts
Internet	Not needed all the time (see below)

- **Device without RTC:** after a power cut, switch Wi-Fi on for a moment. The time is corrected. Then switch Wi-Fi off again.
- **Internet is needed only sometimes:** for the weather (about once a week), for export and import of settings (a few minutes), and to correct the clock.
- **The device date, time and time zone must be correct.** Tawkit takes the time from the device as it is.
- **The app is free; devices are not.** The author gives the app for free and has no link with selling devices. Install the app yourself, or ask a volunteer or a shop.

4. Install and start

4.1 Android (TV box, smart TV, tablet, phone)

1. Open the download page and download the APK that fits your Android version.
2. Install the APK and allow the permissions it asks for.
3. Open Tawkit. In Menu ☰, tick **AUTO-START** so Tawkit starts with the device. Green means active, gray means off.

Your Android version	APK to download
Android 5 to 14	Main APK
Android 15 and 16	ARM64 APK
Old device where the app does not open	Old version 9.61

- **Updating:** uninstall the old version before you install a new one. Export your settings first if you want to keep them (section 21).
- **Box or TV without a browser:** download the APK on a PC, copy it to a USB key, plug the key into the box or TV, and install the APK there with a file manager.

4.2 Computer or Raspberry Pi (ZIP version)

1. Download the ZIP from the download page and unzip it.
2. Open the file `index.html` in a browser (Chrome, Edge, Firefox or Opera).
3. Click Menu ☰ → **Fullscreen mode**. This click also lets the browser play the sounds later.

- Do not use a private or incognito window: it does not keep your settings.
- On Android with the ZIP, use the Opera 88 browser (avoid Opera 51).

4.3 Web version (nothing to install)

Open offline.tawkit.net in the browser. Internet is needed the first time only. On iPhone and iPad, use Safari and "Add to Home Screen".

4.4 With a TV remote

The arrows move a pointer on the screen and **OK** clicks. Section 20 gives the details.

5. First setup

Five steps are enough to get a correct screen. The app saves every change at once.

1. **Language:** Menu ☰ → click your language code (EN, AR, FR, UR...). The app restarts.
2. **City:** Menu ☰ → **Mosque location** → choose the country, then the city.
3. **Mosque name:** Menu ☰ → **Options** → click the mosque name and type yours.
4. **Iqama:** Menu ☰ → **Adjust Adhan and Iqama times** → set the minutes between adhan and iqama for each prayer, the Jumu'a time, and summer time if your country uses it.

5. **Check:** compare the clock and today's times with your mosque's timetable. If the times differ, see section 8.

Then switch on what you want: black screen during prayer (section 11), adhkar (12), slides (13), announcements (14), backgrounds (16).

Use	Recommended settings
Mosque, landscape TV	City; iqama minutes or fixed iqama times; black screen during prayer; last-minute alert; adhkar; announcements
Vertical screen made with a landscape TV	Force vertical display, rotate left or right (section 17)
Home	"Home clock - hide Iqama times"; adhan by voice; night times
Ramadan	Isha +30 minutes; Isha prayer duration up to 180 minutes for Tarawih; "days left until Ramadan" in the two months before
Friday	Jumu'a time (automatic or fixed); black screen start and end for Friday; Jumu'a adhan sound if you want it
Several screens	Set up one screen, export its settings, then import them on the others (section 21)

You can check your settings without waiting for a prayer: use the test mode (section 20).

6. The screen explained

Most parts of the screen react to a click, so you can change common options without opening the menu.

Part of the screen	What it shows	What a click does
Menu ☰ (top-left)	The main menu	Opens and closes the menu
Mosque name	The name you typed in Options	Landscape: moves the date to the top-right and the name to the left
Dates	Weekday, Hijri date, Gregorian date	Click the Hijri date to correct it by one day
Clock	Small clock (hours and minutes) or full clock with seconds	Switches between the two
Weather	Temperature and icon. Landscape: also today's highest and lowest	7 clicks reset the whole app (section 21)
Next-prayer box	Time left before the next prayer	Click the time: prayer names move to the middle. Click the text: bigger box (landscape)
Prayer table	The 6 times: name, adhan time, iqama	See the shortcuts in section 20
Tomorrow box	Middle of the night, last third of the night, tomorrow's Fajr	3 clicks: test mode
Shuruq and Duha box	Sunrise time and Duha time (some layouts only)	—

Part of the screen	What it shows	What a click does
Middle box	A Qur'an verse, new every minute. Short notices also appear here	New verse
Bottom band	A hadith, new every minute, or your scrolling announcements	Switches between hadith and announcements
Bottom line	App name, version and the code of your city	Landscape: click the app name for 5 or 6 prayer cells
Star (bottom-left)	Green: internet works. Red: no internet. Only if the internet check is on	—
Palestine flag (top-left)	Optional flag	Restarts the app
Logo	The app logo. Landscape: can be replaced by the Jumu'a box	Double-click: black screen
Eid banner	"Eid prayer" and its time, in the days before Eid	—

The prayer table

- The iqama is shown as minutes after the adhan (for example `10'`) or as a clock time. Fixed iqama times always show as clock times.
- On Friday, the Dhuhr cell shows "Jumu'a" with the Jumu'a time.
- The tomorrow box is bright from 10 minutes after Maghrib until the middle of the night, and dimmed the rest of the day.
- Landscape: a frame marks the current prayer from the adhan to the iqama.

Landscape and portrait

The app chooses the layout by itself: landscape when the screen is wider than tall, portrait otherwise. In portrait, the positions of the boxes change with the background you choose. Some options exist only in landscape: 5 or 6 cells, date at the top-right, bigger next-prayer box, Jumu'a box, and today's highest and lowest temperature.

7. What happens at each prayer

Tawkit runs the whole sequence by itself: adhan, countdown, iqama, black screen, adhkar, then slides. Nobody needs to touch the screen.

Adhan → **Countdown to the iqama** → **Iqama** → **Black screen** → **Adhkar** → **Slides**

The table gives the exact moment of each step and the menu where you switch it.

When	What happens	Where you switch it
3 minutes before the adhan	Slides and adhkar stop	Always
1 minute before the adhan	The background changes, if you chose one background per prayer	Change screen background
X minutes before Fajr	First Fajr adhan: an alert sound	Adjust Adhan and Iqama times
At the adhan	Adhan sound. Adhan screen for 60 seconds, with the prayer name and the clock	Options
At the adhan	The countdown to the iqama starts	Options
50 seconds after the adhan	Arabic interface only: a reminder about du'a between adhan and iqama, for 1 minute	—
90 seconds before the iqama	The counter turns red	Options
60 seconds before the iqama	The message "Please switch off your phones" with an alert sound. Option: giant seconds	Options
33 seconds before the iqama	A hadith about the iqama in the bottom band, for 30 seconds	Options
At the iqama	Iqama sound. Iqama screen for about 10 seconds (option), then the black screen	Options; Adjust screen blackout
During the prayer	Black screen for the prayer duration you set. The clock and the date can stay visible	Adjust screen blackout
After the prayer	Adhkar after the prayer, or one fixed picture for 5 minutes	Display Adhkar
After these adhkar	Morning adhkar (after Fajr) or evening adhkar (after Asr, Maghrib or Isha)	Display Adhkar
After the adhkar	Slides in a loop, until 3 minutes before the next prayer	Display slides

Three rules explain most surprises:

- The iqama screen, the black screen, the adhkar and the slides start **at the end of the countdown**. If the countdown is off, or if the home mode is on, they do not start by themselves. The sounds still play.
- The prayer duration counts from the iqama.
- Morning and evening adhkar also run when the adhkar after prayers are off.

Shuruq and Duha

- At Shuruq there is no adhan sound. A "Shuruq time" notice shows for 10 seconds and the countdown to Duha starts.
- At Duha time (Shuruq + 15 minutes by default) a short sound plays and the "Duha time" screen shows for 20 seconds. The slides start 30 seconds later, if they are on.

New day, restart, power cut

- At 00:00 the app loads the new day: dates, prayer times, today's announcements and the background of the day.
- After a restart or a power cut, everything is calculated again. If the restart happens between an adhan and its iqama, the countdown continues.

Friday has its own sequence: see section 10.

8. Prayer times

Tawkit reads the times of your city from its own yearly timetable; it does not need internet for this. Most cities of the world are included.

8.1 Choose your city

Menu ☰ → **Mosque location** → choose the country, then the city. The times load at once.

8.2 Small corrections (a few minutes)

Menu ☰ → **Adjust Adhan and Iqama times**. Use − and + next to each prayer to move its adhan time, from −60 to +60 minutes.

8.3 Use the exact timetable of your mosque

This is the method used by most mosques. You prepare the times on a home computer, then send them to the mosque screen with an ID.

1. On a home computer, open offline.tawkit.net in the browser.
2. Make all the settings of your mosque there.
3. Menu ☰ → **Export/Import settings** → **Export settings**. Download the settings file.
4. Open the file with Notepad, edit the times of your mosque, and save.
5. Go to settings.tawkit.net and import the edited file. The website gives you an ID like `XXXX-XXXX`.
6. On the mosque device, with internet for this step: Menu ☰ → **Export/Import settings** → **Import by ID**. Type the ID and confirm.
7. The app reloads with the correct times and settings.

Rules for the file:

- Each day is one line: the date, then Fajr, Shuruq, Dhuhr, Asr, Maghrib, Isha, in 24-hour format.
- Keep the line exactly in this shape, and change only the times:

```
"01-01~~~~~05:40|07:05|12:20|15:30|17:45|19:10",
```

- The year must be complete: 365 or 366 lines. If it is not, the app shows "Invalid Imported Times ! Settings File Used." and uses the city times.
- Use Notepad on Windows. Change only the text between the quotes `" "` and do not add other quotes.
- The file must stay under 90 KB.

- Keep the option **"Use prayer times from imported file"** enabled, or the app goes back to the city times.

8.4 Your city is not in the list

- Choose any city, export the settings, replace the times with yours, upload the file on settings.tawkit.net, then use **Import by ID** (same steps as 8.3).
- To create the yearly times of your city, use the prayer times generator.
- To ask for a new city in the app: tell the Tawkit AI assistant on the website the city, the country, and where its official times come from. It forwards the request to the author.

8.5 Import without internet

Menu ☰ → **Export/Import settings** → **Import local file**, then choose the settings file on the device. This does not work on some Android devices; use the ID method there.

8.6 Summer time (daylight saving)

Menu ☰ → **Adjust Adhan and Iqama times**.

Option	Use it when
Add one hour during summer	Your times are in winter time and your country changes on the last Sunday of month 03 and of month 10 (European rule). The app then adds the hour by itself
+1 hour or −1 hour	Any other case: you move all prayer times by one hour yourself

8.7 The clock is one hour wrong

Tawkit is an app, not the system of your device. It takes the time from the device as it is.

1. First correct the date, time and time zone in the settings of the **device**.
2. Go back to Tawkit and restart it: Menu ☰ → **Reload application**.
3. If you cannot correct the device, use Menu ☰ → **Options** → **"Adjust main clock, add or remove hours"**. Click the number to add or remove hours (from −7 to +7).

This option moves the clock of the app only. It does not move the prayer times.

8.8 Night times

Three times can be shown near Fajr: the middle of the night, the last third of the night, and tomorrow's Fajr. The night is counted from Maghrib to the next Fajr. Switch them on or off in **Options**.

9. Adhan and iqama

The times are set in Menu ☰ → **Adjust Adhan and Iqama times**. The sounds, screens and counters are set in Menu ☰ → **Options**.

9.1 Sounds

Option	Default	What it does
Adhan and iqama by voice (MP3)	Off	Plays the full adhan, with a special adhan for Fajr. When it is off, a beep plays at the adhan and a short tone at the iqama
Short adhan	Off	A short adhan instead of the full one. Needs the voice option on
Short iqama	Off	A short iqama sound. Needs the voice option on
First Fajr adhan	0 (off)	An alert sound X minutes before the real Fajr adhan
Jumu'a adhan	Off	Adhan sound at the Jumu'a time

- There is no sound at Shuruq. A short sound plays at Duha time.
- In a browser, sounds can stay blocked until someone clicks the page once. Click **Fullscreen mode** after each start. The Android app plays the sounds by itself.

9.2 Iqama times

Option	Default	What it does
Iqama minutes	10 for each prayer	Minutes between the adhan and the iqama, from 1 to 70
Duha minutes	15	Minutes between Shuruq and Duha time, from 12 to 30
Fixed time for iqama (Fajr, Dhuhr, Asr, Isha)	Empty	The same clock time every day, for example `13:30`, instead of minutes after the adhan. If the fixed time is not after the adhan, 10 minutes are used
Display Iqama as time	Off	Shows the clock time of the iqama instead of the minutes
Dhuhr = Asr − X minutes	0 (off)	Sets the Dhuhr adhan X minutes before Asr. Click the number to change it

9.3 Countdown and alerts before the iqama

Option	Default	What it does
Iqama countdown	On	A ring with the minutes and seconds left before the iqama. The black screen, adhkar and slides also need it
Full-screen counter	Off	A big counter instead of the ring
Last-minute counter	Off	Giant seconds during the last minute
Counter turns red	On	Red during the last 90 seconds
Last-minute alert	On	A message with a sound 60 seconds before the iqama. Click the text under the option to write your own message
Hadith before the iqama	Off	A hadith of the Prophet ﷺ about the iqama, 33 seconds before it
Show Adhan screen	On	Full-screen notice for 60 seconds

Option	Default	What it does
Show Iqama screen	Off	Notice for about 10 seconds before the black screen
Semi-transparent windows	On	The background stays visible behind the Adhan, Iqama and Duha screens

At home, choose **"Home clock - hide Iqama times"** in Options: no iqama, no countdown, only the adhan times.

10. Jumu'a, Ramadan, Eid and the Hijri date

10.1 Jumu'a (Friday)

On Friday the Dhuhr cell shows "Jumu'a" with the Jumu'a time. Set it in Menu ☰ → **Adjust Adhan and Iqama times**.

Option	Default	What it does
Jumu'a time	AUTO	AUTO uses the Dhuhr time of the day. Or type a fixed time, for example `13:15`
Jumu'a adhan sound	Off	Plays the adhan at the Jumu'a time
Show Jumu'a (landscape)	Off	A box with next Friday's Jumu'a time replaces the logo
Friday black screen: start	2	The black screen starts X minutes after the Jumu'a time (2 to 120)
Friday black screen: end	30	The black screen ends X minutes after the Jumu'a time (up to 120)

- On Friday there is no iqama countdown, no iqama sound and no adhkar after Jumu'a.
- The Friday black screen needs the option "Black screen during prayer" (section 11).

10.2 Ramadan

- **Isha +30 minutes:** Menu ☰ → Adjust Adhan and Iqama times → "Add 30 minutes to Isha during Ramadan".
- **Tarawih:** in Menu ☰ → Adjust screen blackout, raise the Isha prayer duration, up to 180 minutes.
- **Days left until Ramadan:** shown with the announcements during the two months before Ramadan (Rajab and Sha'ban). Switch it in Edit Mosque announcements.
- Special verses show during the last ten nights.

10.3 Eid prayer

In Menu ☰ → **Options**, enable the Eid prayer and set its time. A banner "Eid prayer" with the time then shows on the screen.

Eid	Banner shows	Default time
Eid al-Fitr	From 28 Ramadan until 10:00 on Eid day	08:00

Eid	Banner shows	Default time
Eid al-Adha	From 7 Dhul-Hijjah until 10:00 on Eid day	07:00

10.4 Hijri date

The app calculates the Hijri date. Click the Hijri date on the screen to correct it: each click adds one day, from −3 to +3.

- At the start of a new Hijri year, the old year can show for about 2 days. It then corrects itself.
- At the start of a month, the exact day sometimes cannot be set. Wait about 2 days and try again.

10.5 What the app does by itself during the year

Period	What you see
Rajab and Sha'ban	"Ramadan in ... days" before the announcements (option)
Ramadan	Isha +30 minutes (option)
20 to 28 Ramadan	Verses about the last ten nights
1 Shawwal and 10 to 13 Dhul-Hijjah	Takbir of Eid
1 to 9 Dhul-Hijjah	Verses about the ten days
12 to 14 of the other months	Verses about the white days
Sunday and Wednesday evening	A reminder of the Sunnah fast of Monday and Thursday, for 30 minutes after Maghrib and after Isha

The fasting reminder is not shown in Ramadan, on 9 to 13 Dhul-Hijjah, or on the last 2 days of Sha'ban.

11. Black screen

The screen goes black during the prayer so that nothing distracts the worshippers. Set it in Menu ☰ → **Adjust screen blackout**.

Option	Default	What it does
Black screen during prayer	On	Black from the iqama, for the prayer duration
Prayer duration	Fajr 9, Dhuhr 8, Asr 8, Maghrib 7, Isha 9 minutes	Counted from the iqama. From 5 to 40 minutes; Isha up to 180 (Tarawih)
Clock on the black screen	On	The clock stays visible
Date on the black screen	Off	The date stays visible
Black screen after sunrise	Off	Black from 30 minutes after Shuruq until 60 minutes before Dhuhr

Option	Default	What it does
Black screen after Isha	Off	Black from 60 minutes after Isha until 60 minutes before Fajr
Friday start and end	2 and 30	See section 10.1

- **By hand:** double-click the logo to make the screen black. Click the black screen to bring the app back.
- The two long black screens (after sunrise, after Isha) save the TV when the mosque is empty.
- The prayer duration also sets when the adhkar start, even when the black screen is off.

12. Adhkar

After each obligatory prayer the screen shows the adhkar for about 5 minutes. Set them in Menu ☰ → **Display Adhkar**.

Option	Default	What it does
Adhkar after prayers	On	After Fajr, Dhuhr, Asr, Maghrib and Isha (not after Jumu'a). Each screen stays 18 seconds
Repeat adhkar once	Off	The list is shown twice
One image only, fixed 5 minutes	Off	One adhkar picture for 5 minutes instead of the list. It can be your own picture (section 16)
White background	Off	The white version of that picture
Morning adhkar after Fajr	On	Each screen stays 25 seconds
Evening adhkar after Asr, Maghrib or Isha	On, On, Off	Choose after which prayers they show

- The adhkar start a few seconds after the black screen ends.
- Click the adhkar screen to stop it. Click the 5-minute picture to close it; the morning or evening adhkar then continue.
- The adhkar need the iqama countdown (section 7).

13. Slides

Slides show your own texts or pictures full screen, between the prayers. Set them in Menu ☰ → **Display slides**.

Option	Default	What it does
Enable slides	Off	Slides run after the adhkar and after Duha time, until 3 minutes before the next prayer
Random order	On	Slides come in a random order
Duration of each slide	15 seconds	From 10 to 60 seconds

Option	Default	What it does
Duration of the main screen between slides	12 seconds	From 10 to 60 seconds

Click **Add Slide** and type one of these:

- **A text.** Type the character `|` where you want a new line.
- **A picture from the internet.** Paste its link, starting with `http`. The screen needs internet to show it.
- **A picture file (ZIP version).** Copy the JPG or PNG file into the `slides` folder of the app, then type its name, for example `poster.jpg`.

Use EDIT to change a slide and X to delete it. Click a slide on the screen to stop the slides. Do not use the character `"` in a slide.

14. Mosque announcements

Announcements scroll in the band at the bottom of the screen, in place of the hadith. Set them in Menu ☰ → **Edit Mosque announcements**.

1. Enable the scrolling messages.
2. Click **Add message**. The new message appears at the top of the list, active, for every day.
3. Double-click the text to edit it.
4. Double-click the day (DAILY) to choose when the message shows.

Each line of the list has a checkbox (active or not), an arrow to move it up, the day, the text, and X to delete.

Day value	The message shows
`DAILY`	Every day
`JOMOA`	On Friday
`SATURDAY`, `SUNDAY`, `MONDAY`, `TUESDAY`, `WEDNESDAY`, `THURSDAY`	On that day of the week
A Hijri date `MM/DD`	On that date each year: `09/27` is 27 Ramadan, `10/01` is 1 Shawwal
`10DLHJ`	From 1 to 9 Dhul-Hijjah

- A click on the bottom band switches between the hadith and the announcements.
- **Keep at least one active DAILY message.** If the announcements are on and no message is active today, the band stays empty and no hadith shows.
- The app adds two reminders by itself: the Sunnah fast of Monday and Thursday, and the days left until Ramadan.
- You can type `<b>word</b>` for bold text. Do not use the character `"`.

15. Sound alerts

A sound alert plays a short sound, with or without a message, some minutes before or after a prayer time. Set them in Menu ☰ → **Sound alerts**: enable them, then click **Add**.

Write each alert in this form:

```
Minutes.BEFORE.KEYWORD.(Your message)
Minutes.AFTER.KEYWORD.(Your message)
```

Keyword	Time
`FAJR`	Fajr
`SHRQ`	Shuruq (sunrise)
`DOHR`	Dhuhr
`ASSR`	Asr
`MGRB`	Maghrib
`ISHA`	Isha
`NISF`	Middle of the night
`TULT`	Last third of the night

Example	Result
`15.BEFORE.FAJR.(Salam Alaykoum)`	15 minutes before Fajr: sound and message
`10.AFTER.MGRB.(Time for Adhkar)`	10 minutes after Maghrib: sound and message
`30.BEFORE.TULT.(Last third of the night)`	30 minutes before the last third of the night
`1.BEFORE.ASSR.()`	1 minute before Asr: sound only, no message

Rules:

- Write the keywords in UPPERCASE.
- You can add several alerts. They work day and night. The message stays 12 seconds on the screen.
- Do not put a dot `.` inside the message.
- Only one alert plays in the same minute.
- An alert must stay between two neighbouring times of this chain: Isha → middle of the night → last third → Fajr → Shuruq → Dhuhr → Asr → Maghrib → Isha. For example, `10.AFTER.MGRB` works only if Isha comes more than 10 minutes after Maghrib.
- The sound is short and the same for all alerts. For messages without sound, mute the TV.
- **Test sound here** in the window plays the alert sound.

16. Backgrounds and your own pictures

16.1 Backgrounds

The app has 40 backgrounds, numbered 0 to 39. Choose them in Menu ☰ → **Change screen background**.

Mode	What it does
Manual	Keeps the background you choose with ◀ ▶
At every prayer	One background for each of the six times. It changes 1 minute before the adhan. Click a prayer to change its number
Daily	One background for each day of the week. It changes at midnight
Daily at random	Each day the app picks one background from your list of numbers. Click the numbers to change the list

- **Shortcut:** click the Fajr name for the next background, or the Fajr time for the previous one.
- In portrait, the position of the boxes changes with the background. Try several to find the layout you like.
- Background 38 is a light one with dark text.

16.2 Your own pictures

Menu ☰ → **Manage personal files** → enable → upload the image.

Picture	Where it shows
Background image	Behind the app, in place of the 40 backgrounds. The background buttons are then switched off
Adhkar image	On the adhkar screen, for 5 minutes after each prayer. Also enable "One image only, fixed 5 minutes" (section 12)

- Use `.jpg` or `.png` files of 1 MB at most.
- All your pictures share about 5 MB. The window shows how much is used ("Storage: x%").
- X deletes a picture.
- Big pictures can slow down weak devices.
- Personal files may not work on some old Android versions.

17. Display options

The look of the clock, the prayer table and the texts is set in Menu ☰ → **Options**.

17.1 Clock and numbers

Option	Default	What it does
24-hour display	Off	For the clock and all the times. Off means 12-hour with AM and PM

Option	Default	What it does
Leading zero for AM/PM	Off	Shows `04:35 AM` instead of `4:35 AM`
Full clock (with seconds)	Off	Same as a click on the clock
Arabic numerals, or the numerals of the chosen language	Off	For the clock, times, dates, counters and temperatures
Adjust main clock	0	Adds or removes hours when the device time is wrong (section 8.7)

17.2 Layout

Option	Default	What it does
Center prayer names, landscape	On	Prayer names in the middle of the cells
Center prayer names, portrait	Off	Prayer names in the middle of the rows
5 cells only, landscape	Off	Shuruq moves to a box at the top-right, with the Duha time
Bigger next-prayer counter, landscape	Off	Enlarges the box that counts down to the next prayer
Date on the right, mosque name on the left, landscape	Off	Same as a click on the mosque name
Jumu'a time in place of the logo, landscape	Off	Shows next Friday's Jumu'a time
Dim past prayers	Off	Prayers of the day that have passed are faded
Shade background behind prayer times	On	Shapes behind the cells, for easier reading
Night times	On	Middle of the night, last third, tomorrow's Fajr
Home clock - hide Iqama times	Off	For home use: no iqama, no countdown
Palestine flag	On	Flag at the top-left
Internet check	Off	Green or red star, checked every 30 minutes

In landscape you can also enlarge the prayer and iqama times.

17.3 Vertical screen

A screen that is taller than wide gets the portrait layout by itself. For a landscape TV fixed vertically on the wall, use **Force vertical display (in Options)**: choose rotate left ↶ or rotate right ↷. The app restarts. The TV-remote pointer also works on the rotated screen.

17.4 Fonts

Open **"Adjust application UI fonts"** in Options.

Font for	Default	Used for
Texts	Amiri	Prayer names and interface texts. 9 fonts to choose from

Font for	Default	Used for
Times	FreeSerifBold	Prayer times. 6 fonts
Clock	FreeSerifBold	The main clock. 6 fonts
Adhkar	Taha	Adhkar, slides, hadith, announcements, Eid banner. 3 fonts

Some languages use their own script and font (for example Bengali, Hindi, Chinese, Thai, Korean, Japanese). The text and adhkar font choices are hidden for them.

18. Languages

The app speaks 48 languages. Open Menu ☰ and click your language code at the top; the app restarts in that language.

Code	Language	Code	Language	Code	Language	Code	Language
AR	Arabic	DA	Danish	KK	Kazakh	SI	Sinhala
BN	Bengali	DE	German	KM	Shikomoro	SO	Somali
PA	Punjabi	EN	English	KO	Korean	SQ	Albanian
UR	Urdu	ES	Spanish	KY	Kyrgyz	SV	Swedish
HI	Hindi	FA	Persian	MS	Malay	SW	Swahili
AF	Dari	FP	Filipino	NL	Dutch	TA	Tamil
PS	Pashto	FR	French	NO	Norwegian	TG	Tajik
KU	Kurdish	HA	Hausa	OM	Oromo	TH	Thai
AM	Amharic	ID	Indonesian	PT	Portuguese	TK	Turkmen
AZ	Azerbaijani	IT	Italian	RU	Russian	TR	Turkish
BG	Bulgarian	JA	Japanese	UG	Uyghur	UK	Ukrainian
BS	Bosnian	ZH	Chinese	UZ	Uzbek	WO	Wolof

- **Language of the Qur'an verses:** it is a separate choice. Menu ☰ → **Options** → choose the language of the verses (since version 9.63). You can keep the verses in Arabic and the interface in your language.
- Arabic, Urdu, Kurdish, Dari, Punjabi, Pashto, Persian and Uyghur are shown from right to left.
- **A language is missing or a translation is wrong?** Tell the Tawkit AI assistant on the website. The author adds new languages on request.

19. Weather

The screen shows the temperature now (°C) with an icon; in landscape it also shows today's highest and lowest. The app starts with the position of Makkah, so set your own position first.

Option	Default	What it does
Weather	On	Shows the temperature and the icon
Weather next to prayer times	Off	Shows the forecast for the hour of each prayer, in its cell
Position by browser	—	The device gives its position. Allow the location when the browser asks
Position by hand	Makkah	Type `latitude,longitude`, for example `48.8566,2.3522` for Paris

- The forecast comes from Open-Meteo.com. The app downloads it when it starts and every night at 00:01.
- The app keeps 7 days of forecast, so internet about once a week is enough.
- The forecast is saved on the device, so it stays after a restart, even without internet.
- A dash `-` in place of the temperature means: no position, or no data yet.

20. Shortcuts, test mode and TV remote

20.1 Shortcuts on the screen

Click on	Effect
Clock	Small clock or full clock with seconds
Bottom band	Hadith or scrolling announcements
Qur'an verse	A new verse
Iqama of Isha	A new hadith
Fajr name / Fajr time	Next / previous background
Next-prayer time	Prayer names in the middle
Next-prayer text (landscape)	Bigger next-prayer counter
Hijri date	Corrects the Hijri date by one day (from −3 to +3)
Mosque name (landscape)	Date at the top-right, mosque name on the left
App name at the bottom-left (landscape)	5 or 6 prayer cells
Palestine flag	Restarts the app
Black screen, Adhan / Iqama / Duha screen, adhkar, slides, big counter	Closes or stops it

Double-click on	Effect
Logo	Black screen now. Click the black screen to remove it
Iqama of Fajr	Iqama shown as a clock time or as minutes
Iqama of Maghrib	Checks the internet now

Double-click on	Effect
Isha time (landscape)	Jumu'a box on or off
App name and version at the top of the menu	Restarts the app

Several clicks	Effect
7 clicks on the weather area	**Erases all settings and restarts the app.** Useful when the app is blocked by bad settings
3 clicks on the tomorrow box (tomorrow's Fajr time)	Test mode on or off

20.2 Test mode

Test mode lets you check your settings without waiting for a prayer. Click 3 times on the tomorrow box to turn it on; the verses are hidden while it is on. Click 3 times again to turn it off.

In test mode	Starts
3 clicks on the Dhuhr time	Adhkar after prayer
3 clicks on the Dhuhr name	Slides
3 clicks on the Asr time	Morning adhkar
3 clicks on the Asr iqama	Evening adhkar
3 double-clicks on the Maghrib name	A 2-minute test countdown, then the normal iqama sequence with a 1-minute prayer

20.3 TV remote and keyboard

- Press an arrow or **OK**: a pointer appears on the screen.
- The arrows move the pointer. At the edge of the screen it comes back on the other side.
- **OK** is a click. **OK twice quickly** is a double-click.
- The pointer hides after 5 seconds without a key.
- In the menu and in the windows, use the ▲ ▼ buttons to scroll and ✖ to close.
- A computer keyboard works the same way: arrows and Enter.

21. Save, copy and reset your settings

The app saves every change at once, on the device itself. No account is needed.

21.1 What is saved, and where

- Saved: all options, announcements, slides, sound alerts, imported prayer times and your pictures.
- The settings belong to one browser (or one app) on one device. Another browser, another device or the web version starts with its own settings.
- A private or incognito window keeps nothing.

- After you change a setting of the **device** (not of the app), reload the app: Menu ☰ → **Reload application**.

21.2 Export: make a backup

Menu ☰ → **Export/Import settings** → **Export settings**. Internet is needed. The app gives you a link to download your settings file. Keep this file.

The file holds the options, the announcements, the slides and the yearly prayer times. Your pictures are not in it.

21.3 Import

Way	Steps
Import by ID	Upload the file on settings.tawkit.net; it gives an ID like `XXXX-XXXX`. On the screen: Export/Import settings → Import by ID → type the ID. Needs internet
Import local file	Export/Import settings → Import local file → choose the file on the device. Works without internet, but not on some Android devices

- The app restarts after an import.
- Each part found in the file (options, announcements, slides, times) replaces the current one. Parts that are not in the file stay as they are.

21.4 The same settings on several screens

1. Set up one screen completely.
2. Export its settings and download the file.
3. Upload the file on settings.tawkit.net to get an ID.
4. On each other screen, use **Import by ID**.

21.5 Edit the settings file

Open the file with Notepad. Change only the text between the quotes `" "`, never add other quotes, and keep the file under 90 KB. The page settings.tawkit.net/help.html explains every setting of the file.

21.6 Reset everything

Click 7 times on the weather area. The app erases all settings, announcements, slides, imported times and pictures, then restarts as new (Arabic interface, Makkah). Export first if you want to keep your settings. Use the reset when the app is blocked after a bad import or bad settings.

22. Extras of the ZIP version

With the ZIP version you can replace files in the app folder: your own adhan, pictures, adhkar or translations. This is allowed for your home and your mosque only (section 25).

You want to change	Where	How
Adhan and iqama sounds	Folder `audio`	Replace the MP3 and keep its name: `audio_fajr.mp3` (Fajr adhan), `audio_azan.mp3` (other adhans), `short_azan.mp3`, `short_iqama.mp3`
Backgrounds	Folder `themes`	`HR-0.jpg` to `HR-39.jpg` for landscape, `VR-0.jpg` to `VR-39.jpg` for portrait
Slide pictures	Folder `slides`	Copy your JPG or PNG there, then add a slide with the file name (section 13)
Adhkar texts	Folder `azkar`	`azkar.js` (after prayers), `azkar-sabah.js` (morning), `azkar-masaa.js` (evening)
Qur'an verses	Folder `ayats`	One file per language
Hadiths	File `ahadith.js`	—
Interface texts	Folder `languages`	One file per language, for example `lang-EN.js`
Fonts	Folder `font`	Replace the font files
Logo	File `logo.png`	Replace the picture
First settings of a new installation	File `settings-defaults.js`	Explained on settings.tawkit.net/help.html

Rules for a safe change:

- Keep a copy of the original file.
- Keep the same file name.
- For text files, use a plain text editor such as Notepad and save in UTF-8, so the Arabic text stays correct.
- Change only the words. Keep the quotes, commas and the shape of the file.
- In the adhkar files, a line with `-----` ends one screen, and the character `|` starts a new line.
- Portrait screens skip long verses and long hadiths. Keep several short ones in the files.
- Restart the app after a change.

Timetable file of the mosque, with iqama times

Some mosques have a yearly table with the adhan and the iqama of every day, and two Jumu'a times. The ZIP version can read it from the file `wcsv.js` in the app folder.

1. Fill `wcsv.js`: one line per day, with the values separated by commas.
2. Enable the option **"prayer and Iqama times file"** in Menu ☰ → Adjust Adhan and Iqama times. It is an option for advanced users.
3. Restart the app.

Value number in the line	Content
1 and 2	Free. Put the date here as `MM-DD` (for example `03-15`), and the weekday if you like
3, 4	Fajr adhan, Fajr iqama
5	Shuruq

Value number in the line	Content
6, 7	Dhuhr adhan, Dhuhr iqama
8, 9	Asr adhan, Asr iqama
10, 11	Maghrib adhan, Maghrib iqama
12, 13	Isha adhan, Isha iqama
14, 15	First Jumu'a, second Jumu'a

When this file is in use:

- The iqama shows as a clock time.
- These options are ignored: adhan minutes −/+, fixed iqama time, Dhuhr = Asr − X.
- These options still work: summer time, +1 or −1 hour, Isha +30 minutes in Ramadan.
- Jumu'a on AUTO takes the first Jumu'a of the file. The Jumu'a box in landscape also shows the second Jumu'a.

23. Troubleshooting

Find your problem in the left column. If the app is blocked and nothing else works, 7 clicks on the weather area reset it.

Installing and starting

Problem	What to do
The app does not open on an old Android device	Install the old version 9.61 from the download page
The app cannot be installed on the device	Open offline.tawkit.net in the browser of the device
The app does not start by itself after a restart	Tick AUTO-START in the menu (green). Android 9 to 13 works best; newer versions can block auto-start. Amazon Fire TV does not allow it
The screen shows `33333333333` and looks broken	The Chrome browser of the device is too old. Use Opera (version 88 or newer, APK on the website) or Firefox
No sound	Click the page once: Menu ☰ → Fullscreen mode. Check the volume of the TV. The Android app plays sounds by itself
The web version still shows an old version	Clear the cache of the browser

Clock and prayer times

Problem	What to do
The clock is one hour wrong	Correct the time zone and summer time in the settings of the device, then reload the app (section 8.7)

Problem	What to do
All prayer times are one hour wrong	Check "add one hour during summer" and +1 / −1 hour (section 8.6)
The times differ from the mosque by a few minutes	Move each adhan with − and + (section 8.2), or import the mosque timetable (section 8.3)
The time is lost after a power cut	The device has no real-time clock. Switch Wi-Fi on for a moment
The date or the times do not change	Check the date of the device. In an imported timetable, that day may be missing
The Hijri date is one day off	Click the Hijri date to correct it (section 10.4)
My city is not in the list	See section 8.4

Import and settings

Problem	What to do
"Invalid Imported Times ! Settings File Used."	The imported year is not complete. Correct the file (365 or 366 lines) and import again
The settings file is refused	Keep it under 90 KB, edit it with Notepad, and use quotes only around the values
"Import local file" does nothing	Use Import by ID
The app is blocked after an import or a bad setting	7 clicks on the weather area
The settings are lost	You opened another browser or another address, used a private window, or the browser data was cleared. Import your backup
A picture cannot be uploaded ("Storage quota exceeded")	Use pictures under 1 MB and delete old ones

Display

Problem	What to do
No black screen, adhkar or slides after the prayer	The iqama countdown is off, the home mode is on, or it is Friday
The bottom band is empty	Announcements are on but no message is active today. Add a DAILY message, or switch the announcements off
The weather shows `-`	Set your position (section 19). Internet is needed
The star is red	No internet. This matters only for weather, export and import
The verse box shows an error with "ayats"	ZIP version: the verses file you edited has too few short verses

Still stuck? Ask the Tawkit AI assistant on the website, or contact a volunteer of your country (section 25).

24. Known issues in version 9.63

These small problems exist in 9.63. Each one has a simple way around it.

What you may see	What to do
In the fonts window, a click on the name "STC" (clock) or "FODA" (adhkar) selects SULTAN	Click the round button, not the name
Black screen settings: pressing − when the Dhuhr duration shows 5 keeps lowering the real value. The black screen of Dhuhr can then fail	Do not press − at 5. If it happened, press + until the value you want shows
Black screen settings: + on the Maghrib duration is not saved at once	After it, press + then − on another prayer's duration. This saves everything
After a restart between the adhan and the iqama of Dhuhr, Asr or Maghrib, the black screen of that prayer has the wrong length	Do not restart the app during a countdown
Announcements are on but none is active today: the hadith is hidden too	Keep at least one active DAILY message
"Ramadan in X days" stays on the screen after Sha'ban ends	Restart the app at the start of Ramadan
Changing 24-hour display, fonts, numerals or the main clock, or pressing Fullscreen, during the minute of an adhan plays the adhan again and restarts the countdown	Change settings outside the adhan minute
On a slow device, or when the browser window is hidden or minimized, an event can be missed or the countdown can run slow	Keep Tawkit visible in front. Avoid very large pictures
The star stays green although the internet is cut	Double-click the Maghrib iqama to check again

25. Volunteers, rules of use and contact

25.1 Volunteers

Volunteers in many countries install and set up the app in mosques and homes, for free or for a fee agreed with the mosque's administration.

- **Find a volunteer:** on the volunteers page, by country, with a WhatsApp number.
- **Become a volunteer:** fill in the "Become a volunteer" form with your name, city, country and WhatsApp number.

25.2 Terms of use

- Tawkit is free. It is not open source and it may not be sold.
- You may change it for personal use only: your home and your mosque.
- Do not remove or change the name of the app or the name of the author.
- Do not distribute a changed version.

- You may install the app for people for free, or for a fee agreed with the mosque's administration.
- Developers may use the prayer-times files of Tawkit (folder `data`) in their own apps.

25.3 Selling devices with the app

Selling a device with Tawkit installed is allowed, with a profit of at most 50% of the price of the device and its accessories, if the seller:

- tells the buyer that the app is free,
- gives free support to the buyer, for the app and for the device,
- does not change or hide the name of the app.

25.4 Updates

The author offers the app for free and develops it in his free time. New releases and important updates are announced by the newsletter. Subscribe on the updates page.

25.5 Contact and suggestions

- The author receives too many emails to answer them, so there is no contact form and no email address. The **Tawkit AI assistant** on the website is the way to reach him.
- Tell the assistant your request for a new city or a new language; it forwards the request to the author.
- Suggestions are welcome. The author adds them step by step to future releases when he finds them useful.
- The project has no team and is not open to business collaborations. What helps most is volunteers who install the app for people.

25.6 Internet and privacy

No account is needed. Your settings, messages and pictures stay on your device. The app uses the internet only for these:

Service	Used for	What is sent
Open-Meteo.com	Weather	The position you set
tawkit.net	Internet check (the star)	Nothing
settings.tawkit.net	Export, and import by ID	Your settings file, or the ID
Picture links in slides	Showing the picture	Nothing

26. Glossary

Word	Meaning	Other spelling on screen
Adhan	Call to prayer	Azan, Athan
Iqama	Call to start the prayer in congregation	—

Word	Meaning	Other spelling on screen
Fajr, Dhuhr, Asr, Maghrib, Isha	The five daily prayers	Dohr, Assr
Shuruq	Sunrise. Not a prayer	Shoruq
Duha	Forenoon prayer time, after sunrise	Doha
Jumu'a	Friday prayer, with the khutbah (sermon)	Jomoa
Adhkar	Words of remembrance, said after prayers, in the morning and in the evening	Azkar
Hijri	The Islamic lunar calendar	—
Middle of the night	Half of the time between Maghrib and the next Fajr	NISF
Last third of the night	The last third of that time	TULT
Tarawih	Night prayers in Ramadan	—
Takbir	Glorification said during the days of Eid	—
White days	The 13th, 14th and 15th of each Hijri month, days of recommended fasting	—
Waqf	A gift given for the sake of Allah; it cannot be sold	—
APK	The file that installs an app on Android	—
RTC	Real-time clock: a small part that keeps the time when the power is off	—