Salaat Panel

User Manual
(with Jamaat Yearly)

SYSTEMS INTEGRATION ™

Index

Note: New Remote addition and Panel Unlock settings:

- Press ⑤ for minimum 3 Seconds to un-lock the Panel.
- Press (Iqama) then "**JAMAT SET**" starts blinking. (page # 11)
- Press ⑤ for minimum 3 Seconds to un-lock the Panel.
- Press (Time) then "**TIME SET**" starts blinking. (page # 15)
- Press ⑤ for minimum 3 Seconds to un-lock the Panel.
- Press (Hijri) then "**HIJRI SET**" starts blinking. (page # 15)
- Press ⑤ for minimum 3 Seconds to un-lock the Panel.
- Press (City) then "**CITY SET**" starts blinking. (page # 6)

New Features Addition

- Namaz Chart transfer through Mobile App facility.

- Masjid Name transfer through Mobile App facility.

- Yearly Jamat Chart transfer through Mobile App facility.

- Accurate Temperature separate and clear display.

- Sehri and Iftar remaining time display in during Ramzan.

- Voice indication of "TAKBEER" and Namaz name displayed.

- Will be displayed at the time of Jamat and play sound

  of "QAD QAMATIS SALAH".

- Facility to select 4 Languages (Urdu, Arabic, English - and Farsi/Pashto).

- OFFSET Option, set the Minutes in any Salah/Prayers according to

  your required and then Jamaat time will be calculated automatically.

- Save Electricity by switching to Night Mode.

- Provision of setting all the options ON/OFF.

User Manual

Panel have 6 Menu selections to set different parameters:

1. VAR SET   2. VIEW SET   3. CITY SET
4. SET Adv.   5. JAMAT SET   6. TIME SET
7. HIJRI SET

Note: First Unlock the Panel to go into any Menu options.

- For this press and hold button Unlock for minimum 3 seconds,

- when this mark appears, then press **MENU** and

- **SET** to enter a desired menu option.

1.

 Select Display Language:
Urdu, Arabic, English, Pashto/Farsi.

Note: after selection of Pashto / Farsi language,
then Panel show Shamsi (Jalali) calendar Date.
After selection of Pashto /Farsi language set Gregorian
Date. It will set Shamsi (Jalali) calendar automatically.

 Select Fiqah:
HF = Hanffi, SH = Shaffi & H1 = Zoha Kobra (Hanaffi).

 To show all Jamat display in Red color except current
Jamaat time.

Inversion of Color.

2

Sunrise to Ishtraq Duration:
Set on 0 to 25 minutes.

Zawal Duration:
Set at 0 to 20 minutes.
To get suitable Zawal duration set
few minutes before and after Zawal.
Before Zawal: Set (-ZL) 0 to 10 minutes.
After Zawal: Set (+ZL) 0 to 10 minutes.

Slide Delay:
Set at 5 to 15 seconds between each slide.

Slide Mode:
✓ **D.MOVE** : Moving Messages.
✗ **D.MOVE** : Still (Flip on change).

Start Timings of Namaz:
Set on check to display all Namaz start timings.

Set on cross to not display in slide.

Nafl Namaz Timings:
Set on check to display all Nafl Namaz like Ishraq
and Chasht in the slide.

Set on cross to not display in the slide.

Beep Sound Indicates:
When Jamaat Time meets.

Slide stops at Time of Jamat:
To stop moving display during Jamat. Set it 0 to 15 minutes. Display remain still from the start of Jamat time to the set minutes.
Note: Slide remains "Still" for 15 minutes more in Jumma.

Jamat Manual or Jamat Yearly:
It allows user to set Jamat times any time by Manually.

It facilitates to enter Jamat Timings for a complete year at a time. Jamat Timings will be changed automatically according to setting throughout the year.
Note: See method of "Yearly Jamat" and "Manually Jamat" on page No. 6.

To View more options...

To Set Chasht:
Chasht starts after a quarter of the day passes.
Day start time assumed from the Fajr.

Here day start time is taken from Sunrise

The Chasht starts at the same time as Ishraq.

Voice Indication:
Set on Check to Voice Indication of "TAKBEER" and "Qat-Qamatis-Salah".

Set on Cross to Off Voice Indication.

Selection of 2nd or 3rd Juma Jamat in Slide:
Note: After selection of number Juma 2 or 3 then go to "JAMAT SET" option to set its Jamat Timings.

Special Messages:
Will appear on the slide like "EID MUBARAK".

Block special messages in display.

To Save Electricity:
To set Check ON to Save Electricity, mean all display
will close except Real Time and Remaining Time of Jamat.

Day Light Saving:
(To set ON/OFF DST)   ✓ DST : ON   ✗ DST : OFF

To Set 24 or 12 Hours Format:
Set on Check to display 24 Hour mode for all timings.
Set on Cross to display 12 Hour mode for all timings

SEHRI and IFTAR Siren:
You can play Sehri & Iftar Siren during the month of
Ramazn. For this connect Siren plug on Panel.

To enable Siren Output.

Siren out disable.

If Siren is enabled, then set its duration 1 to 30 Seconds.
Note: Remember! Siren works only in Ramzan. Other then
Ramazan, you can use it for Prohibited Bulb.
If "Siren out disable" is selected it is used to run
Prohibited Bulb round the year.

Temperature in Slide:
Set ON to show Temperature in slide.
    ✓ : ON   ✗ : OFF

2.

- Press (SET) to enter in the Menu.

- Now you can see all the Start Timings of Azan at a time.

3.

- First, find the required City code from the given City code list.

- Press (SET) to enter Menu.

- Select Code via (+)/(−). Press (SET) to save.

New City Addition

- If your desired City is not available in the given City List, you may
- add it by setting City Latitude, Longitude and Time Zone. For this
- you have to set City Code 0000 in [City SET] menu option.

 - Press (SET) to enter set mode. Select Code 0000.

 - Press (SET) to enter Latitude, use (+)/(−) to set Latitude.

 - Press (SET) to enter Longitude, use (+)/(−) to set Long.

 - Press (SET) to enter Time Zone (GMT), use
  to set Time Zone.

 - Press (SET) to enter Calculation Method, use
  to set Method.

Calculation Method

- 00 Method : University of Islamic Science Karachi.
(Fajr Twilight = 18°, Isha Twilight = 18°)

- 01 Method : Islamic Society of North America.
(Fajr Twilight = 15°, Isha Twilight = 15°)

- 02 Method : Muslim World League.
(Fajr Twilight = 18°, Isha Twilight = 17°)

- 03 Method : Ummal Qura Comittee.
(Fajr Twilight = 18.5^O, Isha Twilight = 90 min after sunset)

- 04 Method : Egyption General Authority.
(Fajr Twilight = 19.5^O, Isha Twilight = 17.5^O)

- 05 Method : It is used to set Fajr Twilight Angle and Isha Twilight by users choice.
First set Fajr Angle (F A) 10.0° to 24.0° and then Isha Angle (I A) 10.0° to 24.0°.

<div align="center">

`FA = 15.0°`　　　　`IA = 18.0°`

F A = Fajr Angle　　　　I A = Isha Angle

</div>

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Tahajjud: The 30 minutes remaining countdown starts automatically before of Sunrise.

Sehri: In during Ramzan the Sehri countdown will start except Tahajjud.

Sunrise: The 10 minutes remaining countdown will start automatically.

Zawal: The 10 minutes remaining countdown will start automatically.

Maghrib: The 10 minutes remaining countdown will start automatically before Sunset.

Iftar: In during Ramzan the Iftar countdown will start automatically.

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4. SET Adv.

To Enter Namaz Chart:

 If you want to remain set Panel on City Code then select ❌ FixCity . Or if you need to enter your own Namaz chart into Panel, then select ✔ FixCity via (+)/(−) and press (SET) , ❌ LoadData starts blinking. Press (+)/(−) then ✔ LoadData starts blinking. Press (SET) , WAIT CITY.... starts blinking.

Its mean you may transfer the Namaz chart through Mobile Application.

Note: See page No. __12__ for more details.

To Enter Masjid Name:

 With this option you may display your Masjid name in Slide. Press (SET) to select ✔ NewScr , ❌ LoadScr starts blinking. Press (+)/(−) then ❌ LoadScr starts blinking. Press (SET) , WAIT SCREEN... starts blinking.

Its mean you may transfer the Masjid Name through Mobile Application.

Note: See page No. __13__ for more details.

To Enter Yearly Jamat Chart:

To enter Yearly Jamat data into Panel so then select **Load Year** and press **SET**, **Wait Data** starts blinking.

Now you may transfer the Yearly Jamat through Mobile Application.

Note: See page No__14__ for more details.

To Changing in Start Timings:

If you need to change in Start Timings then you can do that through this option.

You can change in Start timings from to 60 minutes through **+** / **−** .

Factory Setting:

If you need to reset all settings, then select **Default** and press **SET** .

5. JAMAT SET

- Press (SET) to enter Menu.

- Fajr Hour starts blinking. Use (+)/(−) to set.

- Press (SET) and (+)/(−) to set Minutes.

- Now set one by one all Jamat Times and then Exit.

- Note: EID Jamat Time can be set before 3 days of Eid.

OFFSET Option in JAMAT SET:

- Set Fajr hour at 0 then press (SET) , minutes start blinking. Set required
- offset time, then Jamat time shows calculated time from starting time.
- Note: If you don't need to display any Jamat time, then set that format
"_ _:_ _". Example: In Fajr Hours press (−) to select that format "_ _:_ _"
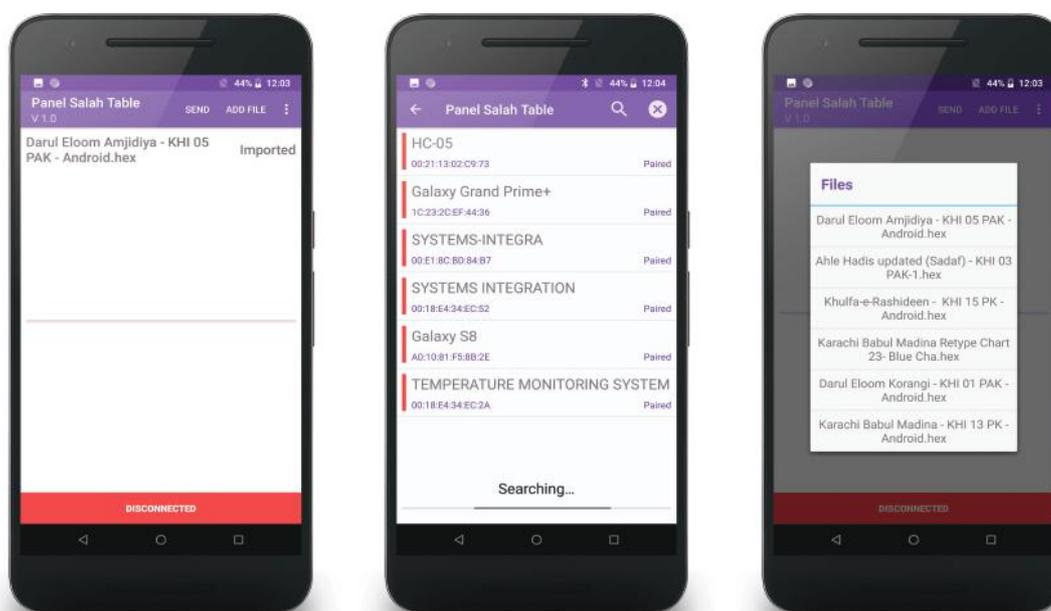and then press (SET) to Save.

Namaz Chart Transfer
Through Mobile App

(Note: We can transfer the Yearly Start Timings of Azan through mentioned below Android Phone App).

Download the app "**Panel Salah Table**" from to Play store.

Method:

- Tap on "Add File" and select your desired Namaz Chart file.

- Go to "Menu" and tap on the "Connect" to Bloutooth pair between

- Mobile and Panel.

- Go to in Panel [Adv. SET] option and select ✓ FixCity and then

- select ✓ LoadData and press (SET) , WaitCity.... starts blinking.

- Tap on "SEND" then [Receiving...] starts blinking in the Panel slide.

- All data will be transferred within 2 to 3 minutes.

Masjid Name Transfer
Through Mobile App

(Note: We can write down and display our Masjid name in the Panel Slide through mentioned below Android Phone App).

Download the app "**English 887**" from to Play store.

Method:

- First write the Masjid name.

- Tap on the "Connect" to Bloutooth pair between

  Mobile and Panel.

- Tap on the "Send" to transfer.

Yearly Jamat Chart Transfer
Through Mobile App

(Note: We can save the Yearly Jamat data through mentioned below Android Phone App).

Download the app "**Panel Salana Jamaat**" from to Play store.

Method:

- First type the Yearly Jamat Times into Mobile App.

- Pair the Bluetooth Device to send Data.

- In the App, Tap on the "Bluetooth icon" to connect with the Panel.

- Bluetooth Icon will be green on connected.

- Now go to in Panel [SET Adv.] option and select ✓ LOAD Year

- And press SET then WAIT DATA starts blinking.

- Now you can transfer the Yearly Jamat data through this App.

6. TIME SET
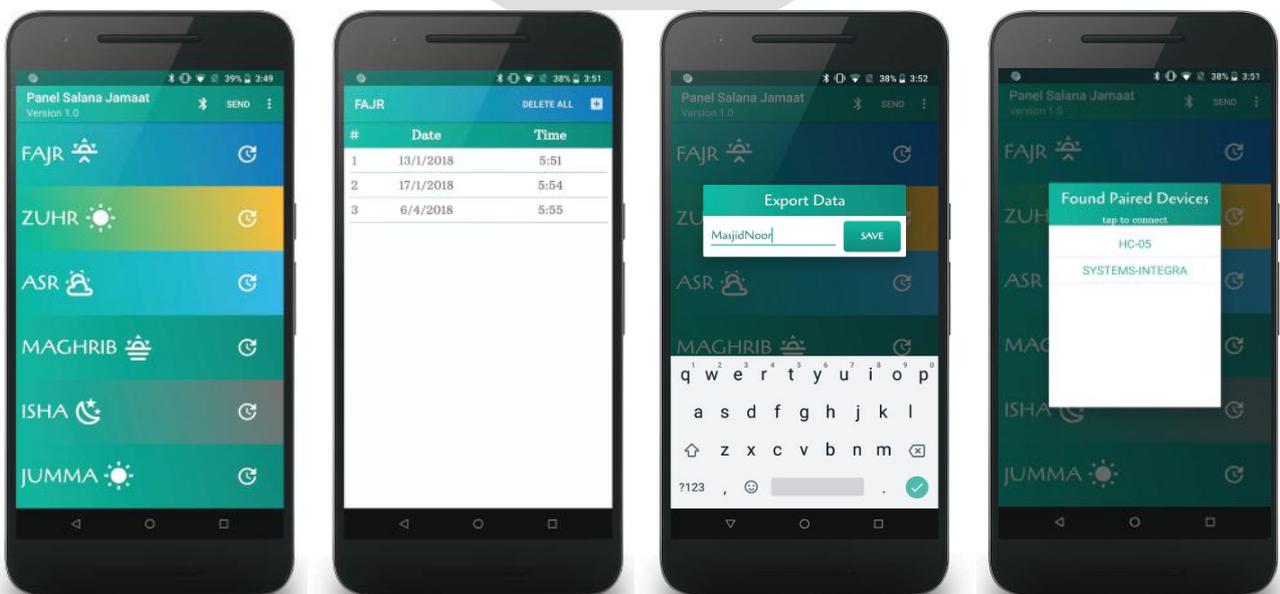
- Press (SET) to enter Menu.

- Seconds start blinking.

- Press (+) to set the Seconds in 00.

- Press (SET) and (+)/(−) to set Time and Date parameters.

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7. HIJRI SET

To set Date, Month and Year into Hijri Set:

- Press (SET) to enter Menu.

- Hijri Date starts blinking.

- Use (+)/(−) to adjust current Date.

- Press (SET) , Hijri Month starts blinking.

- Use (+)/(−) to adjust current Month.

- Press (SET) , Hijri Year starts blinking.

- Use (+)/(−) to adjust current Year.

- Press (SET) , English Date starts blinking.

- If need to changes, then change it or exit.

Go to [JAMAT SET]. It has 2 types of Settings:

1. Jamat Yearly

2. Jamat Manual

Note: Go to [VAR SET] to select "**Jamat Manual** or "**Jamat Yearly**".

Jamat Yearly:

Now you can feed the Jamat Timings for a whole round the year at once. Jamat Timings will be changed automatically the whole year. In during Ramzan we can change the timing as per our convenience by going to **[VAR SET]** option and select "**Jamat Manual**". After Ramzan we can set it back on "**Jamat Yearly**" again. Data will not lost to set "**Jamat Manualy**".

- A message of change in Jamat Time will be displayed few hours
- earlier in advance.

- Time of any Jamat need to be changed will be changed a day earlier,
- just after half an hour of particular prayer.

- To enter whole year Jamat Timings, just enter the Jamat changing
- data and its timings.

- Before starting entry, prepare a table in the format given below chart.

- Always start entry from 1st January. Generally 1st January timings
- are same as of 31st December.

- Following is the entry limit for each prayer:
- Fajr-48, Zohr-3, Asr-36, Isha-36, Juma-3

- Maghrib time will be Sunset + Offset so needs to set.

- Setting any Prayer time will not affect the timings of other Prayers
- Jamat Timings.

Fajr	Asar	Isha
1 January 7:45	1 January 4:45	1 January 6:48
18 February 8:15	8 February 8:15	31 January 6:45
10 March 8:00	10 March 5:30	10 February 5:30
˜	˜	˜
˜	˜	˜
22 October 8:30	14 October 5:30	8 December 6:35
10 November 7:30	5 November 4:45	16 December 6:40
25 December 7:45	27 December 4:45	26 December 6:45

Zohr	Juma
1:30	1:15

To Enter "Jamat Yearly" Method:

- Go to **[JAMAT SET]**.

- "FAJR JAMAT" will display in slide and Fajr time display in Red color.

- Press (MENU) to select other prayer timing to feed it data.

- Press (SET) then "Sure Change" starts blinking.

- Press (SET) to enter or press (EXIT) to bypass setting.

- **Warning:** Once you press (SET) on "Sure Change" then you

- will need to enter data from 1st January to end. And previous

- data will be lost.

- It will display "1st January" and Hour starts blinking.

- Set Hours and Minutes using (+)/(−) and (SET) buttons.

- Now select the next Date of changing.

- Make each entry sequentially, i.e, each entry should be greater than

  previous one.

- After settings the last Date entry, press (MENU) to set other prayer table.

- Press (EXIT) to terminate entry mode.

- "**VIEW SET**" will be displayed.

- Press (SET) enters the VIEW mode or (EXIT) to terminate.

- Eid prayer time setting is allowed just 3 days before EID day

- and it will be set manually.

Jamat Jaiza (View):

This option allows to verify all settings of Jamat Yearly timings.

On selecting this option, first the Fajr Jamat Time will start blinking

along with its Month and Date. Use (UP) for the next changed

time with its Date. Use (MENU) to select any other prayer to view its

entered timings.

In this option we can change Jamat Time at any time.

Jamat Manual:

- Press (SET) to enter Menu.

- Fajr Hour starts blinking. Use (+)/(−) to set.

- Press (SET) and (+)/(−) to set Minutes.

- Now set one by one all Jamat Times and then Exit.

- Note: EID Jamat Time can be set before 3 days of Eid.

T-Series Panel

Bluetooth Device

Volume Control

Back of the Panel
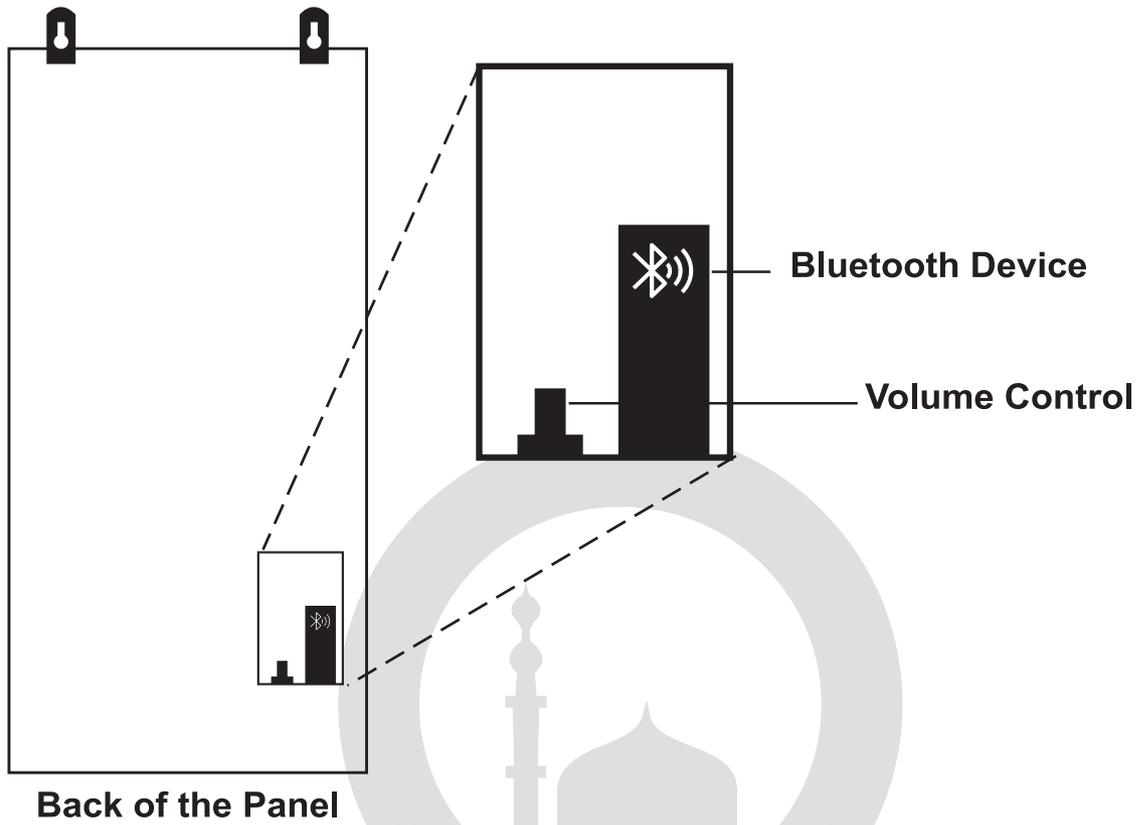
Bulb / Siren →
(Optional)

Siren/Bulb
220/110V AC
Out →

Power Code
220/110V AC IN
(for Bulb/Siren)

SP-28 / SP-30

Connecting Diagram of Bulb
(Prohibited Time Indication)

منع وقت

الفجر
الظهر
العصر
المغرب
العشاء
الجمعه

انتهاء وقت

12V, 2.0A
DC Adapter
(for Panel Power)

→ DC Jack

To run Panel with Solar System or Battery backup
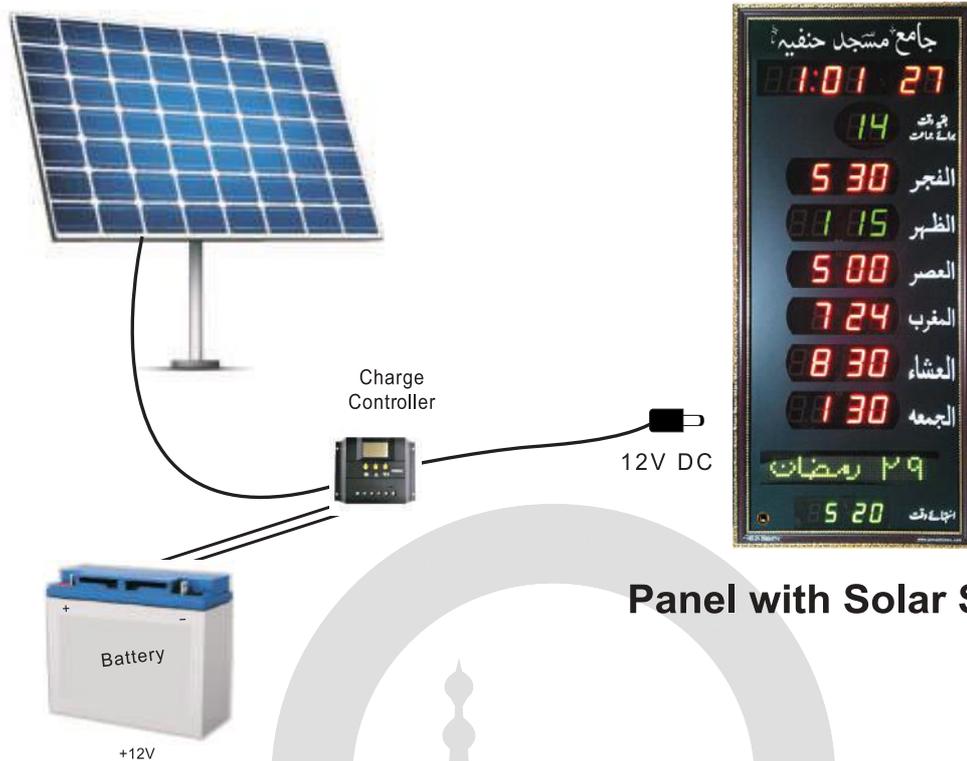
Panel with Solar System

You may now easily run Panel by 12V DC Input with Solar System or Battery. Behind of the Panel, we can separate the DC-Jeck and then we can connect the external 12v DC Input.

Behind the Panel
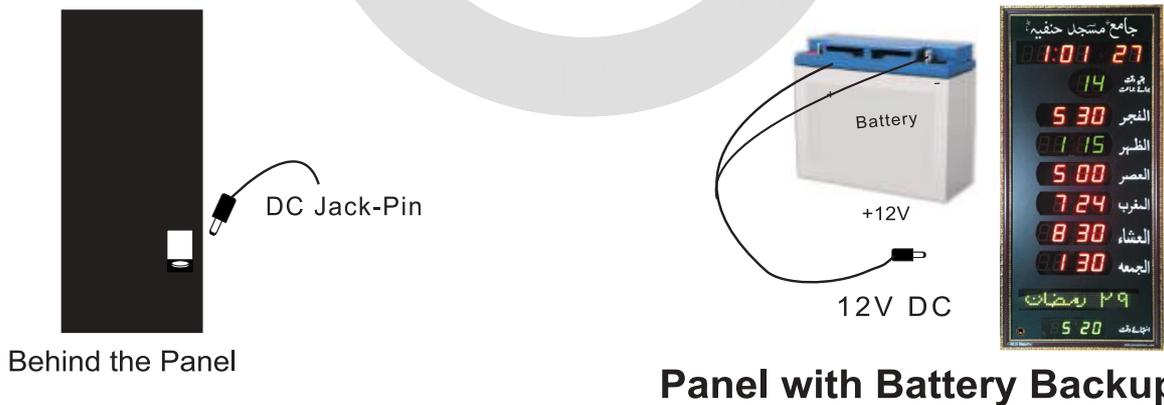
Panel with Battery Backup

External 12v DC Input whether is that the Solar System, Battery or Adapter 12v DV it will work on the Panel.

Warning: Make sure to polarity of DC - Pin, Panel maybe damaged by the wrong connection.

Salaat Panel
Different Models

SPT-28

14x28 Inch

SPT-30

14x30 Inch

SPT-35

16x35 Inch

SPT-50

20x50 Inch

SPT-60F

32x60 Inch

SP-4EL

36x60 Inch

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