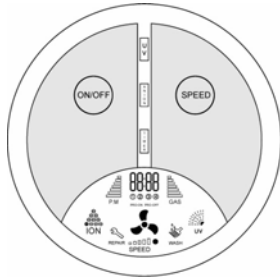# How to use

Programming

MEDAIR

The "Humanization" programming of MEDAIR, to set up our own style program

With the style and advance design, MEDAIR light touch display and control panel bring you convenience to set up the machine operation program with your own style and needs. Not only likes other air purifiers on market just provide timer for machine off only. MEDAIR humanization design let you……
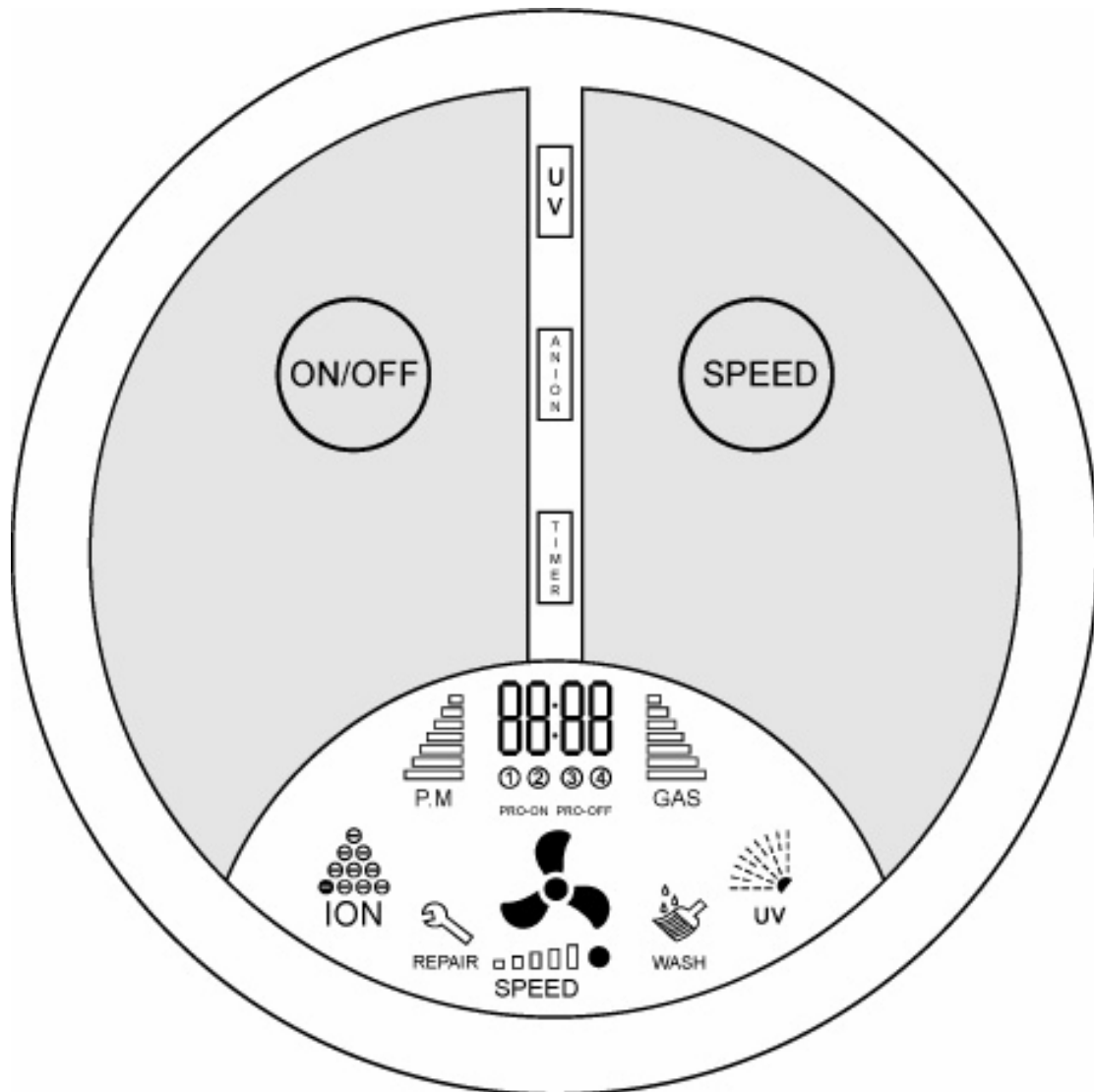
MEDAIR
programming manual
"English" & "Chinese"

Set time for machine On	Before you entry the room, MEDAIR has help you to clean up the area. Customer can set the machine to function automatically. E.g. You get back to office at 9:00am, you can set the machine start works at 8:00am to provide the best indoor air quality to all user.
Set time for machine Off	Never forget to power off the machine, MEDAIR will stop function automatically. Set time from 1 minute to 23 hrs 59 minutes available
Select UV Lamp On/Off	User can select On or Off the LED UV Lamp
Select Clock On/Off	User can select On or Off the machine Clock
Clock setting	User can easy to set up the time on machine Clock
Select Plasma Ion On/Off	User can select On or Off the Plasma Ion generation
Select fan speed 1,2,3,4,5 Auto	5 different air flow speed with 1 Auto mode can be selected. Speed 1: Sleep Mode / Speed 5: Turbo Mode
Cleaning Reminder	Cleaning Reminder Icon display on the LCD after machine operated around 500 hours
Detect air quality and speed up machine automatically	Auto Mode: The 2 machine indoor air quality sensors (Dust and Odor) will detect the indoor air quality level continuously, program will direct the machine speed up the fan to make faster to clean up the room, then the fan will slow down automatically when the polluted air has been purified.
Set max. 4 period of time to On/Off within 24 hours	To suit for different user requirement, MEDAIR can be set up max. 4 different time period to function On / Off the machine within 24 hour. E.g. 8:00am On, 1:00pm Off, then 2:00pm On, 6:00pm Off etc…
Memory the program setting	The user friendly design of MEDAIR program, user can memory the machine UV On/Off, Plasma Ion On/Off and fan speed setting for each time of machine On.
Program Holiday: Hold up and release machine program	For long holiday, user can easy to hold up all machine program to make the machine totally stop function, user can easy to release back after your holiday but no need to re-set again.
Check out machine operated time	Accumulated time of the machine operated can be easy check out and re-set to "0" after machine cleaning or parts replacement
Check out PM2.5 Level	The advance development of the MEDAIR machine sensor and program, user can easy check out the real time PM2.5 level in the room, it make user more understand your existing air quality situation, combine with the machine Auto Mode function, MEDAIR will speed up the fan and clean up the room automatically.
Cleaning remind indication	With the factory setting, a Cleaning Icon will display on the LCD after machine operated with 500 hours
Set disconnect the EP filtration chamber	As a safety purpose design, user can select ONLY power off the Electrostatic Precipitator Chamber (EP) for ElectroMed, the machine fan is still on functioning. Which design can let user to totally dry up the EP chamber (after cleaning) when put back into the machine. (Remarks: please make sure the EP chamber is totally dry up before power on the EP function back. Otherwise the high voltage design of the EP may damage the machine).

MEDAIR OM

Operation MANUAL

MedAir

LCD Control Panel Operation

1. Machine standby mode, (Blue light background colour)

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

1. Press 1 times of "On/Off", machine power on and start operate. Factory Setting: Speed: Level 3, Ion: On, UV: On, Clock: On, Dust and TVOC: Auto Sense On.

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

2. Press 5 times of "SPEED", Check out the existing On/Off program setting. There is NO figure will be display when you havn't set up any program in before. If you set up a program before, then the panel will display the icon of "Program On", "Program Frame", "Program Off", "Program Frame". You can then press "SPEED" to continue check out all the other program setting. Then press 1 times of "Timer" to stop the check.

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

3. Press 5 times of "UV". Check out the part of the EP total operation hours. (ElectroMed) only. Icon of clean up will be display. Then press 1 times of "Timer" to stop the check.

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

4. Press 5 times of "Anion". Check out the PM2.5 Level, Icon of PM2.5 will be display. The level of PM2.5 will be display with figure from 0 – 9999, 0=very good / 9999=very bad on air condition. Under the machine standby mode, press 5 times of "ANION", then Icon of PM2.5 will be disappear. (Note: This machine is not as a IAQ testing equipment, we can not guarantee the accuracy of the figure 0 – 9999 especially the machine has been used for long time and the sensor head is too dirty but without cleaning. The figure show up is purpose for user to easy define the indoor air conditions only).

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

5. Press 5 times of "TIMER". On/Off program setting. The LCD will display "Time Frame 1", "Time On", then user can set up the program on: Press "UV" increase hour / "ANION" decrease hour, then press "SPEED" to set the minute: Press "UV" increase minute / "ANION" decrease minute. Now press "SPEED" to set up the program off: Same method of the above. Then press "SPEED" to start to set up the 2nd Time Frame if need. User can set up total 4 Time Frame within a day (00:00 to 23:59). To stop the On/Off program, press 1 times of "TIMER", then machine back to normal operation status.

A. After set up the program On: This function can not be operated when user manual power off the machine or press the "TIMER".

B. After set up the program On: The LCD will display the "Program Off" and "①②③④ Program Frame"Icon

C. After set up the program On: Under stanby mode (Blue background light up), press 1 times of "Timer" to check out the setting of program Off, or press 2 times of "Timer" to manual re-set the machine program Off, then the previous program Off setting can not be functioned, the machine will be stop follow the new manual setting. If there is another program frame, the machine will follow to operate again.

D. After set up the program On: BUT without set up the program Off, the LCD will display "Program Off" but without "Program Frame ①②③④" then the machine will be power off automatically after 2 hours. But the next "Program Frame" will be functioned normally. Under the machine standby mode (Blue background light up), press 1 times of "TIMER" to check out the "program Off" setting or continue press the Icon to change the hour setting.

E. After set up the program On and Off: Under machine standby mode, the LCD will display the next "Program On and Off" and "Program Frame). Note: the LCD will not display any "Program Frame" is before the real time now. E.g. the frame is set at 08:00, but now is 09:00. The 08:00 program frame 08:00 will be display again when the real time (clock) reach 00:00 (mid-night).

F. Press 5 times of "TIMER": "Program On/Off" status, when the LCD display the "Program On", then press 1 times of "ON/OFF" to cancel the program setting in before, setting will be cancel. Press 2 times of "SPEED" to change to next program setting in before, then press 1 times of "ON/OFF" to cancel the program setting again. Press "TIMER" to back to normal machine operation.

"Program On/Off" Setting. Blue Background Light Up

Operate	ON.OFF	SPEED	UV	ANION	TIMER
Press 1 Times	Cancel	Change	Time Increase	Time Decrease	Exist

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

6. Press 10 seconds of "SPEED": "Program On/Off" STOP. The LCD will display "Program On", "Program Off", Program Frame ①②③④" Twinkling, then press 5 times of "SPEED" to check the program frame, can not check show, then press 5 times of "TIMER", can not set show. (This function is designed for user who may long time not use the machine e.g. under long holiday). To program back the machine: Now press 10 seconds of "SPEED": "Program On/Off" function again. Press 5 times of "SPEED" to check out the "Program On/Off" status or press 5 times of "TIMER" to re-set the "Program On/Off" time and frame.

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

7. Press 10 seconds of "UV": After a "Bit" sound, the total EP operating hour will be set Zero "0", then press 5 times of "UV" to check the status, there is a "Cleaning" Icon. Factory setting: The cleaning Icon will be show up when the EP has been operated after 500 hours. (For user who may use the machine around 8 hours per day, then this Icon may show up around 2 months time).

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

8. Press 10 seconds of "ANION": Machine will automatically disconnect the EP circuit to hold up the EP functioning. The LCD will display the "Cleaning" Icon and Twinkling, then press "ON/OFF" within 1 minutes time, machine will then operate BUT the EP will not be function, the LCD display the "Cleaning" Icon and twinkling. When we power off the machine afterward, this setting will be automatically cancel. The EP will be function back again when we operate the machine next time. (This function is design for user put back the EP chamber (Model: ElectroMed) only after cleaning with water, user can make sure to dry up the EP chamber after put back into the machine). Note: water droplet may damage the machine.

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 times	Machine On				
Press 5 times		Check the On/Off program setting	Check the machine total operation hours	Check the PM2.5 Level	On/Off program setting
Press & hold 10 seconds		On/Off Program Start/Stop	Re-set the machine operation hour	Hold up the EP operation	Timer Setting

1.Press 10 seconds of "TIMER": Set up the real time (Clock). The LCD display the time and twinkling, press "UV" to increase the hour, press "ANION" to decrease the hour, then press "SPEED" to change to minutes setting, repeat the above. Then press 1 times of "TIMER" and machine back to normal.

2. Machine operating mode. Blue Background Light Up

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 Times	Off the Machine	Speed Adjust	On/Off	On/Off	On/Off
Press 10 Seconds	Save up Machine On Setting				

1. Press 1 times of "ON/OFF": Power off the machine.

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 Times	Off the Machine	Speed Adjust	On/Off	On/Off	On/Off
Press 10 Seconds	Save up Machine On Setting				

2. Press 1 times of "SPEED": The fan speed will increase from 1 – 5 then "." Automatic. When machine is under Automatic, the air sensor will detect the indoor air quality through the "Dust" and "TVOC" sensor, machine then operated automatically, machine will be stop when the indoor air become clean enough. Note: Please clean up the air sensor head on machine air intake position regularly to prevent the sensitivity drop down

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 Times	Off the Machine	Speed Adjust	On/Off	On/Off	On/Off
Press 10 Seconds	Save up Machine On Setting				

3. Press 1 times of "UV": Turn off the LED UV lamp, press 1 times of "UV" again, the LED UV lamp turn on. Note: The LED UV lamp will not function when the machine air speed is at "1".

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 Times	Off the Machine	Speed Adjust	On/Off	On/Off	On/Off
Press 10 Seconds	Save up Machine On Setting				

4. Press 1 times of "ANION": Stop the Ion generation, press 1 times of "ANION" again, Ion generation start to works again.

Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 Times	Off the Machine	Speed Adjust	On/Off	On/Off	On/Off
Press 10 Seconds	Save up Machine On Setting				

5. Press 1 times of "TIMER": Check out the "Program Off" (If set before), press 2 times: the machine will automatically turn off after opersted 1 hour, user can continuous press the "TIMER" to increase the hours (Max. 8 Hours). 0 means without setting. The LCD will display back to normal after 5 seconds or user can press the "SPEED". The LCD will display the "Clock" and "Program On/Off" Icon. User can press "TIMER" to check out the machine off time, press "SPEED" to cancel checking.
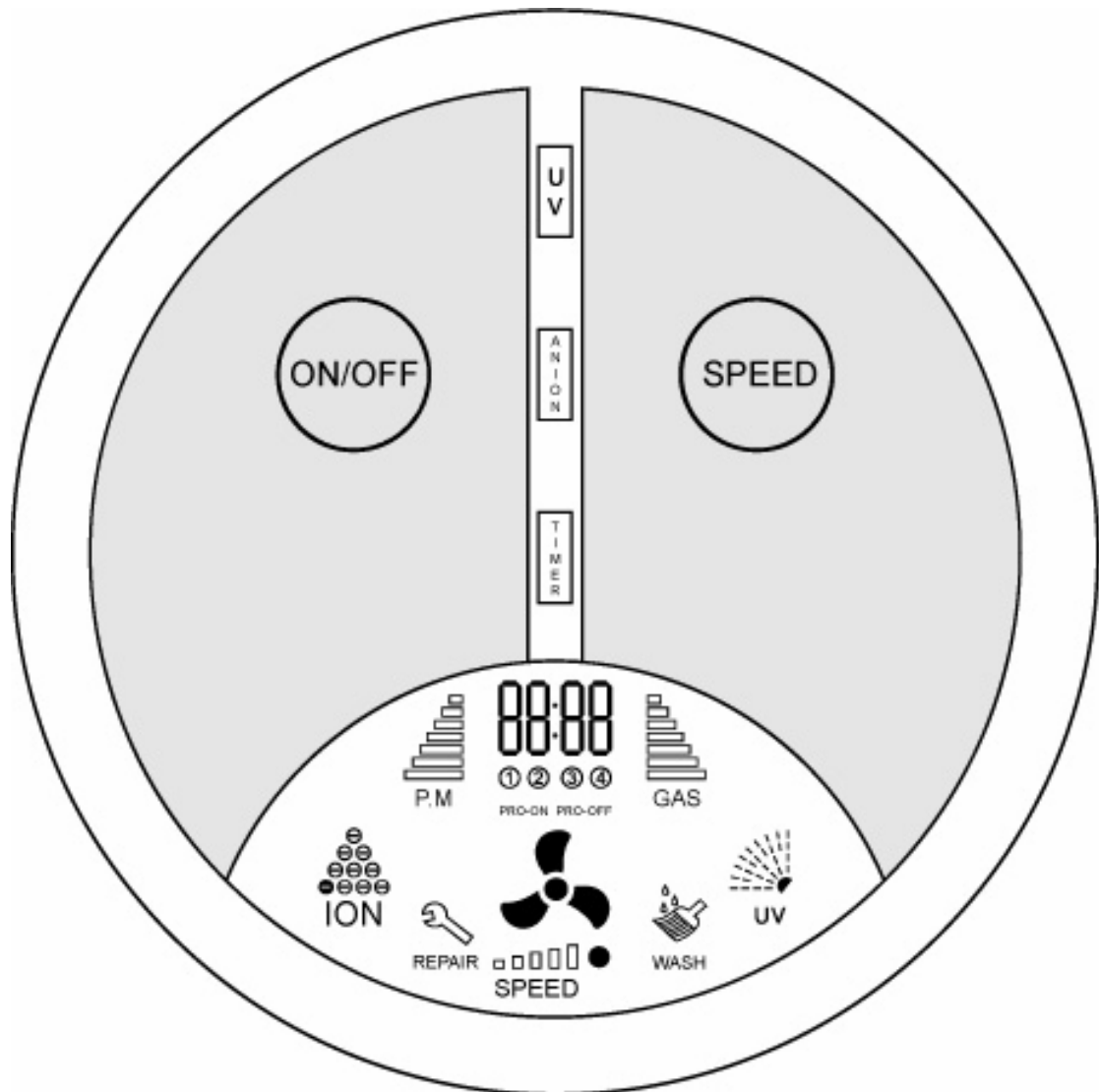
Operation	ON/OFF	SPEED	UV	ANION	TIMER
Press 1 Times	Off the Machine	Speed Adjust	On/Off	On/Off	On/Off
Press 10 Seconds	Save up Machine On Setting				

6. Press 10 seconds of "ON/OFF": The LCD will display the existing status of Speed level, Ion and UV lamp on/off status and also twinkling. Machine will memory down the setting and set up the same status of the machine after user turn off and on the machine back. Or user can re-set the machine status again by press 10 seconds of "ON/OFF" or totally disconnect the machine power cord over half minute.

MEDAIR OM

Operation MANUAL

MedAir

液晶顯示屏操作說明

一、待機狀態下，<u>背光燈亮後</u> <u>(Blue light background colour)</u>

操作	開關鍵 ON/OFF	風速鍵 SPEED	UV 鍵 UV	離子鍵 ANION	定時鍵 TIMER
按 1 次	執行開機				
按 5 次		進入預約開關機時段查詢模式	進入電場累計工作時間查詢模式	進/退 PM2.5 模式	進入預約設定模式
長按 10 秒		預約暫停/恢復	電場累計工作時間清零	進入無高壓，電場自幹模式	進入時鐘設定模式

2.按開關鍵 1 次，機器執行開機運行。在出廠設定狀態下液晶屏顯示三檔風速，離子圖示顯示，UV 圖示顯示，數碼管顯示時間，顆粒物與有害氣體圖示自動迴圈檢測。

3.按風速鍵 5 次，進入預約開/關機時段查詢模式。如沒有設定預約開關機時段，則數碼管無顯示。有設定預約開關機時段，則數碼顯示相應時間。且顯示相對應的 "預約開" 圖示， "預約段" 圖示， "預約關" 圖示， "預約段" 圖示。可再按風速鍵查詢下一段預約開關機時間。結束查詢後可按定時鍵 1 次，退出查詢模式。

4.按 UV 鍵 5 次，進入電場累計工作時間查詢模式 (Model: ElectroMed)。液晶屏顯示清洗圖示但不閃爍，(注意：與電場自幹模式顯示圖示的區別) 數碼管顯示電場累計工作的時間。結束查詢後可按定時鍵 1 次，退出查詢模式。

5.按離子鍵 5 次，進入 PM2.5 模式。液晶屏上顯示 "PM2.5" 圖示。開機後 "PM2.5" 圖示繼續顯示，數碼管顯示當時顆粒物 0-9999 間數值。即反映當前室內空氣質量狀況。待機狀態下，再按離子鍵 5 次， "PM2.5" 圖示取消。

6.按定時鍵 5 次，進入預約設定模式。液晶屏顯示 "預約段①" 圖示， "預約開" 圖示，然後根據你所需要的自動開機時間設定：按 UV 鍵加時（小時），按離子鍵減時（小時），按風速鍵切換，再按 UV 鍵加時（分鐘），按離子鍵減時（分鐘）。再按風速鍵顯示 "預約段①" 圖示， "預約關" 圖示，設定方法同上。此第一段預約開/關機時間設定完畢。再按風速鍵，可進入 "預約段②" 的開/關機設定，方法同上。在設定完成後按定時鍵 1 次，退出設定狀態。

（1）預約自動開機後，如有人工作業將機器關機後並從新啟動，此階段預約關無效，必須手動關機。（備註：如人工作業機器其他按鍵，除定時鍵，開關鍵以外，此階段預約關繼續生效）

（2）預約自動開機狀態下，液晶屏上顯示這一段的 "預約關" 圖示和 "①②③④預約段" 圖示中的一段。

（3）預約自動開機後，比如在 "預約段①" 開的狀態下，在背光燈亮後，按定時鍵 1 次查詢人工設定關機時間，按 2 次設定關機時間，設定關機時間後，液晶屏上出現 "預約關" 圖示， "預約段①" 圖示取消，這時預約段①關無效，機器將默認人工設定的定時關機時間。待機器關機後如還有下一段預約開，將會自動開啟。

（4）在預約自動開機後，未設定預約關的狀態下，液晶屏上顯示“預約關”圖示，但無“預約段”圖示。機器將默認運行 2 小時後自動關機，下一段預約開同時有效。在背光燈亮的情況下，可按定時鍵 1 次查詢關機時間，同時也可以連續按定時鍵切換關機時間。

（5）設定完預約開關後，在待機狀態下，液晶屏上顯示離開機最近一段的“預約開”圖示和“預約段”圖示。（備註：設定預約開機在當前時間之前則無顯示“預約開”圖示和“預約段”圖示，比如設定預約開機在 8 點，但當前時間爲 9 點，則無“預約開”圖示和“預約段”圖示，需要到第二天 0 點以後才會顯示）

（6）按定時鍵 5 次，進入預約設定模式，顯示預約開時，可直接按 1 次開關鍵，刪除預約時間。此時數碼管顯示無數位。按風速鍵 2 次切換下一段預約開關機時間，刪除可直接按開關鍵，結束刪除可按定時鍵 1 次退出。

<div align="center">預約開關機時段設定，背光燈亮後</div>

操作	開關鍵 ON.OFF	風速鍵 SPEED	UV 鍵 UV	離子鍵 ANION	定時鍵 TIMER
按 1 次	清零	切換鍵	時鐘碼步進	時鐘碼步減	退出設定狀態

7.長按風速鍵 10 秒，進入預約暫停模式。顯示“預約開，預約關，且①②③④閃爍”
此時按風速鍵 5 次查詢預約開關時段，無法查詢，顯示“預約開，預約關，且①②③④閃爍”
此時按定時鍵 5 次設定預約開關，無法設定，顯示“預約開，預約關，且①②③④閃爍”
再長按風速鍵 10 秒啓動預約開關功能。此時按風速鍵 5 下可查詢預約開關時間，按定時鍵 5 下可設定預約開關。

8.長按 UV 鍵 10 秒，聽到有“滴”聲後電場累計工作時間清零。可再按 UV 鍵 5 次查詢，此時顯示清洗圖示但不閃爍，數碼管顯示應爲 0。電場累計工作時間 500 小時，將自動顯示清洗圖示。

9.長按離子鍵 10 秒，進入無高壓，電場自幹模式。液晶屏上顯示清洗圖示閃爍，（一分鐘內未執行開機操作將自動恢復未設定前狀態，）再開機，清洗圖示繼續閃爍，無高壓狀態，此時無除顆粒物功能。停機後本設置功能自動取消。

10.長按定時鍵 10 秒，進入時鐘設定模式。顯示時間數碼跳動，按 UV 鍵加時間（小時），按離子鍵減時間（小時）。再按風速鍵，切換分鐘，再按 UV 鍵加時間（分鐘），按離子鍵減時間（分鐘）。結束設定後可按定時鍵 1 次，退出設定。

二、開機狀態下，背光燈亮後

操作	開關鍵	風速鍵	UV 鍵	離子鍵	定時鍵
按 1 次	關機	調節風速	開/關	開/關	開/關
長按 10 秒	存儲開機資料				

1.按開關鍵 1 次，機器執行關機功能。

2.按風速鍵 1 次，風速前進一檔，有 5 檔循序變化。 "●" 爲自動檔，此檔機器自動檢測

空氣中的顆粒物數量和有害氣體，當其超標時，機器自動開機運行；空氣淨化後，機器自動停止運行。

3.按 UV 鍵 1 次，UV 功能關閉，UV 圖示不顯示。再按 1 次，UV 功能開啓，圖示正常顯示。機器一檔正常運行時，UV 功能不可開啓。

4.按離子 1 次，離子功能關閉，離子圖示不顯示。再按 1 次，離子功能開啓，圖示正常顯示。

5.按定時鍵 1 次，查詢關機時間，按 2 次，定時 1 小時關機，顯示預約關圖示，每按 1 次累加 1 小時，最多爲 8 小時。定時顯示 "0"，則取消定時關機設定。在設定關機時間後，5 秒後或按風速鍵 1 次返回。顯示時鐘狀態下，液晶屏上出現預約關圖示，按定時鍵 1 次可查詢相應關機時間。結束查詢可按風速鍵 1 次，退出查詢。

6.長按關機鍵 10 秒，顯示風速，離子，UV 圖示連續閃爍三次，機器存儲關機前的風速，離子，UV 運行狀態。下次開機，將保持關機前運行的狀態，直至重新設置存儲記憶或拔下機器插頭半分鐘左右即可恢復出廠設置。