



APA-1200

2-Way with LCD
Remote Engine Starter
Motorcycle Security System

Operation Manual

THIS PRODUCT IS DESIGNED FOR PROFESSIONAL INSTALLATION

Maat APA-1200 2-Way LCD System

General:

It is so smart that you can communicate with your motorcycle through our 2-Way LCD System.

The APA-1200 motorcycle alarm system Main Brains is designed to operate all the functions by the commands that sending from the remote transmitter via system transceiver and will report what system did to the remote transmitter by showing its status on the LCD panel of the 2-way transmitter.

Maat APA-1200 is an entirely new approach to motorcycle security. Imagine a two-way communication between you and your motorcycle. It is designed to report the real time status of your motorcycle whenever you want or to notify the alert situation to you through LCD panel Remote automatically. With its complete functions, it can protect your motorcycle thoroughly from any unexpected situation and you can control or response to your motorcycle with the LCD panel Remote.

If it is in trouble, it contacts you immediately by sending a signal to your LCD panel Remote. If you need to know whether it is inside your range, you can push the Remote button to send a signal to your vehicle. If it is inside the range, it will receive the signal and send a signal back to your LCD panel Remote to confirm your call.

Remote start systems are one of the most popular motorcycle accessories. They start your motorcycle before you ride, to warm engine up in the winter cold. APA-1200 enhances the convenience of your remote starter.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications

Any changes or modification not expressly approved by the party responsible could void the user's authority to operate the device.

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OPERATION:

A. TRANSMITTER OPERATION

Transmitter Button	System Function	Remark
I	Arm the System	Press and release momentarily.
I - I	Arming with Noiseless Mode	Press I button within 3 seconds after arming.
I - I - I	Arming with Shock Sensor Bypass	Press I button 2 times within 5 seconds after arming.
I- III	Arming with Pathway Illumination	Press I button first and within 3 seconds press III button.
III - I	Silent Arm	Press III button first and within 3 seconds press I button.
I + II	Arming with Hidden Alarm	Press I and II buttons together.
I	Motorcycle Locator	Upon armed.
I (3 seconds)	Panic	Press and Hold I button for 3 seconds.
II	Disarm System	Press and release momentarily.
II - III	Disarming with Pathway Illumination	Press II button first and within 3 seconds press III button.
III - II	Silent Disarm	Press III button first and within 3 seconds press II button.
III – III	Passive Arming By-Pass	Upon disarmed, press III button twice within 3 seconds.
III - III – III	Remote Control Enter/Exit Valet Mode	Press III button 3 times within 5 seconds.
III (2 seconds)	Channel # 3 Timer Output	Press and hold for 2 seconds.
I + III (2 seconds)	Channel # 4 Timer Output	Press I and III button together.

B. 2-WAY LCD TRANSCEIVER OPERATION

Transceiver Button	System Function	Remark
IV	Motorcycle Locator	Press and release momentarily.
IV (3 seconds)	Panic Mode	Press and hold IV button for 3 seconds.
SET - I	System's Trigger Check	Press SET button first within 3 seconds press I button.
SET - SET - SET	Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter	Press SET button 3 times within 5 seconds.

C. LED INDICATORS

LED	Function	LED	Function
Off	Disarmed	2 flashes... pause	Zone 2 / Activated on the Tilt Switch
Slow Flash	Armed	3 flashes... pause	Zone 3 / Activated on the Close Loop
Flash	Passive Start Disable	4 flashes... pause	Zone 4 / Activated on the Shock Sensor
Fast Flash	Passive Arming	5 flashes... pause	Zone 5 / Activated on the Ignition Switch

On (Solid)	Valet Mode
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D. CHIRP INDICATORS

Chirp	Function
1 chirp	Arm
2 chirps	Disarm
4 chirps	Disarm / Triggered
6 chirps	Motorcycle Locator

E. PARKING LIGHTS

Parking lights	Function
1 flash	Arm
2 flashes	Disarm
3 flashes	Disarm / Triggered
12 flashes	Motorcycle Locator

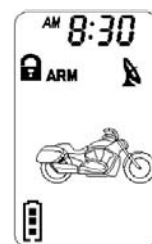
F. SYSTEM OPERATING CONDITION

	Siren, Horn	Parking Lights	LED	Starter
1. Arming	1 Chirp	1 Flash	Slow Flash	Disable
2. Disarming	2 or 4 Chirps	2 or 3 Flashes	Fast Flash or Off	
3. Trigger	Alarming	Flashes	Slow Flash	Disable
4. Passive			Flash	Disable
5. Panic	Alarming	Flashes		
6. Car Locator	6 Chirps	12 Flashes		

G. ACTIVE ARMING

1. Press **I** button on transmitter.
2. The siren will chirp once and the parking lights will flash once indicating the system is armed. The LED will begin to flash and the engine starter will be disabled.

SILENT ARMING: Press **III** button first, within 3 seconds, press **I** button on the transmitter to arm your security system, No chirp sound will be heard. Arm confirmation will be through the motorcycle's parking lights only.



ARMING WITH NOISELESS MODE: With the system disarmed, press **I** button once, the siren will chirp once. Within 3 seconds, press **I** button again. The siren will emit one short chirp indicating the system is set and will be fully armed in 5 seconds with the noiseless mode for one arming cycle. In this mode, whenever vibration is presented to the protected motorcycle, the shock sensor cannot trigger the system and the system will only emit a few warn away chirps.

ARMING WITH SHOCK SENSOR BY-PASS: Pressing **I** button on the transmitter three times within 5 seconds will arm the security system and by-pass the shock sensor. The system will chirp one additional time to confirm the sensor bypass mode is activated. The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next warning cycle.

PASSIVE STARTER DISABLE: The purpose of the feature is to protect the motorcycle from being stolen at all times, regardless of whether or not the alarm is armed. The starter of the vehicle will be disabled 60 seconds after the ignition is turned off. Once the key is turned off, the LED will flash fast for 60 seconds. After the 60-second timer has elapsed, the LED will flash slowly (one-half its normal armed rate) to indicate the passive starter disable is activated and the system will not respond to any trigger input except the ignition trigger.

ARMING WITH PATHWAY ILLUMINATION: Press **I** button once to arm the system, the siren will chirp once. Within 3 seconds, press **F** button. The parking lights will turn "ON" for 30 seconds to illuminate your pathway.

SILENT ALARM FUNCTION: Press **I** and **II** buttons at the same time. The security system will arm and with "Silent Alarm Function." The siren /horn will silenced even if the sensor is triggered in the armed status.

H. PASSIVE ARMING

Active arming and disarming is controlling your security system via the remote transmitter. This

security system is equipped with an optional Passive Arming feature which allows the security system to arm 30 seconds after the ignition switch is turned off. Operation is as follows:

1. Turn the ignition to the "OFF" position.
2. The security system LED will flash quickly for 30 seconds. Each time a sensor is triggered during the passive arming countdown, the 30-second countdown starts over.
3. After the 30-second timer has elapsed, the security system will automatically "ARM". The siren will chirp [1] time and the parking lights will flash [1] time.

PASSIVE ARMING BY-PASS: While the system is disarmed, press **III** button twice within 3 seconds, the security will respond with [1] chirp and LED will turn "ON". The security system will remain in this temporary state for as long as you wish. To exit passive by-pass, press **II** button or **II** button and the system will return to normal status.

I. ACTIVE DISARMING

1. Press **II** button on the transmitter.
2. The siren will chirp twice and the parking lights will flash twice indicating that the security system is now disarmed.

System Disarm	Activated on the Tilt Sensor (Optional)	Activated on the Close Loop	Activated on the Shock Sensor	Activated on the Ignition Switch
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Clearing the Flashing Icons: Pressing SET button 3 times within 3 seconds will clear the flashing icons on the LCD screen transceiver.

SILENT DISARMING: Press **III** button first, within 3 seconds, press **II** button to silently disarm your security system. No chirp sound will be heard. Disarm confirmation will be through the motorcycle's parking lights only.

TAMPER DISARMING: If alarm has been triggered. Upon disarming the system the siren will chirp 4 times and the parking lights will flash 3 times.

DISARMING WITH PATHWAY ILLUMINATION: Press **II** button once to disarm the system, the siren will chirp twice. Within 3 seconds, press **F** button. The parking lights will be turned "ON" for 30 seconds to illuminate your pathway.

AUTOMATIC RE-ARM: If this feature is selected, the security system will automatically re-arm itself 60 seconds after disarming with remote transmitter. Pressing **III** button twice within 3 seconds or turning on the ignition switch will cancel the rearm.

J. DISARMING WITHOUT A TRANSMITTER

OVERRIDE THE ALARM WITHOUT PASSWORD PIN CODE: (Factory Default Setting)

The Override function may be used if the remote transmitter is lost or inoperative.

1. Turn the ignition switch to 'ON' position. (Alarm will sound.)
2. Within 10 seconds push and release the valet switch.

The alarm will stop sounding and will enter the disarm mode. You can now start and operate the motorcycle normally.

OVERRIDE THE ALARM WITH PASSWORD PIN CODE:

Since the valet switch can be easily found and defeated, this security system allows the consumer to program a password pin code offering a higher level of security.

1. Turn the ignition switch to the 'ON' position. (Alarm will sound.)
2. Press the Valet switch the selected number of times (1-9 presses) within 15 seconds. (By pressing the Valet switch, the system's siren will stop alarming and the parking lights will stop flashing but the motorcycle cannot be started and driven away until you disarm the system.)

The system should now be disarmed. If it is not, you may have waited too long to press the Valet switch. Turn the ignition off and on and try again.

K. VALET MODE: (System in Disarm or Valet mode)

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm function are bypassed, however the remote panic feature and Channel 3 / 4 will remain operational. To use the valet mode, the system must first be disarmed either by using your remote transmitter, or by operating the Manual override sequence.

Enter Valet Mode:

1. From the disarmed condition, turn the ignition to "ON" position.
2. Push and hold valet switch for 2 seconds until the LED turns on. The LED will remain on as long as the system is in 'valet mode'.

Exit Valet Mode:

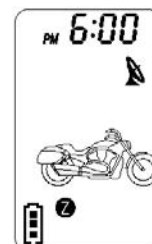
1. Return to normal operation, turn ignition 'ON'.
2. Push and hold valet switch for 2 seconds; The LED will turn off, indicating that the system has exited the valet mode.

REMOTE VALET: (System in Disarm or Valet mode)

Press and release the **III** button three times within 3 seconds to enter / exit valet mode.

A parking lights flash will confirm entering the valet mode.

Two parking lights flashes will confirm exit.



L. MOTORCYCLE LOCATOR

Press **IV** button on the 5-button 2-way transceiver in armed mode to activate the motorcycle locator function. The siren will chirp 6 times and the parking lights will flash 12 times, for you to easily locate your motorcycle.

M. PANIC FUNCTION

The transmitter can be used as a remote panic switch to manually trigger the alarm in case emergency. To activate the panic mode, pressing and holding **I** or **IV** button of your transmitter for 3 seconds. The siren will sound and continue for 30 seconds or until **I** or **IV** button is activated a second time.



N. TRIGGER THE SYSTEM

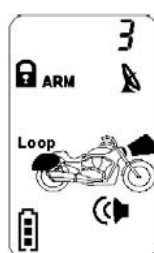
When armed, your motorcycle is protected as follows:

1. Light impacts will trigger the warn-away signal. A long chirp from siren/horn.
2. Heavy impacts will trigger the system. The full trigger sequence is 30 seconds of constant siren and flashing parking lights.
3. If the tilt switch is triggered / the closed loop wires of the connection are not in contact / the ignition is turned on while the system is armed, the full trigger sequence will activate.
4. The starter kill prevents the motorcycle's starter from cranking.

Activated on the Tilt Sensor



Activated on the Close Loop



Activated on the Shock Sensor



Activated on the Ignition Switch



Warn-away Trigger



Clear The Flash Icon And Melody Sound: While triggering the alarm, the LCD screen will alert the user through melody sound and flashing trigger icon. Pressing SET button 3 times within 3 seconds will clear the flash icon and stop the melody sound on the LCD screen transceiver.

Stop The Melody Sound Only: While triggering the alarm the LCD screen will alert user through melody sound and flashing trigger icon. Press any button on the LCD remote transceiver to stop melody sound only.

NOISE ABATEMENT CIRCUIT: Your system has "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty sensor or environmental condition such as thunder, jackhammers, airport noise, etc.

Here's how "Noise Abatement Circuit" works: The alarm (full trigger) triggers five times while warn-away trigger triggers 20 times. Each time the same sensor or switch is triggering the alarm, "Noise Abatement Circuit" will interpret this pattern of triggers as false alarm. After the fifth trigger of full trigger or 20th trigger of warn-away trigger, "Noise Abatement Circuit" ignores, or by-passes that sensor or switch until the other sensor or switch is triggered.

This feature is not applicable to the Tilt Sensor.

O. SYSTEM'S TRIGGER CHECK (For two-way transceiver operation only)

Press the transceiver SET button first, within 3 seconds, press I (C) button. It responds with one melody sound and all trigger's records will immediately be displayed on the LCD screen.



P. DRIVER PAGING / OST AND FOUND (For two-way transceiver operation only)

It is useful in the event that someone wants to page the driver of the parked motorcycle or someone cannot find his LCD motorcycle remote transceiver. When disarmed, press and hold the Valet switch for 2 seconds to page the driver. One chirp sound shall be emitted from the motorcycle and the paging melody sound continues sounding from your Remote LCD transceiver and "📶" indication flashes on the LCD screen.



Q. CHANNEL 3 TIMER CONTROL OUTPUT.

Press and hold III button on transmitter for two seconds to remote control the channel 3 output. Channel 3 is user-programmable timer output. You may program the built-in timer to send a ground signal / latch / latch with ignition / 30 seconds/ 60 seconds/ 90 seconds timer output.

Note1: Factory default setting at 1 second pulse grounded output.

Note2: Upon activating channel 3, the siren/horn will emit one chirp to indicate channel 3 is latched on or emit two chirps to indicate channel 3 is latch off.

R. CHANNEL 4 TIMER CONTROL OUTPUT

Press the transmitter I and III buttons at the same time to active the Channel 4 function.

Channel 4 is user-programmable timer output. You may program the built-in timer to send a momentary / latch / latch with ignition / 30 seconds/ 60 seconds/ 90 seconds timer output.

Note1: Factory default setting is momentary output.

Note2: Upon activating channel 4, the siren/horn will emit one chirp to indicate channel 4 is latched on or emit two chirps to indicate channel 4 is latched off.

S. POWER ON MEMONRY

This security system is equipped with circuitry that will allow the unit to remember its alarm state if the power is lost and then reconnected.

T. POWER SAVE MODE FOR MOTORCYCLE'S POWER

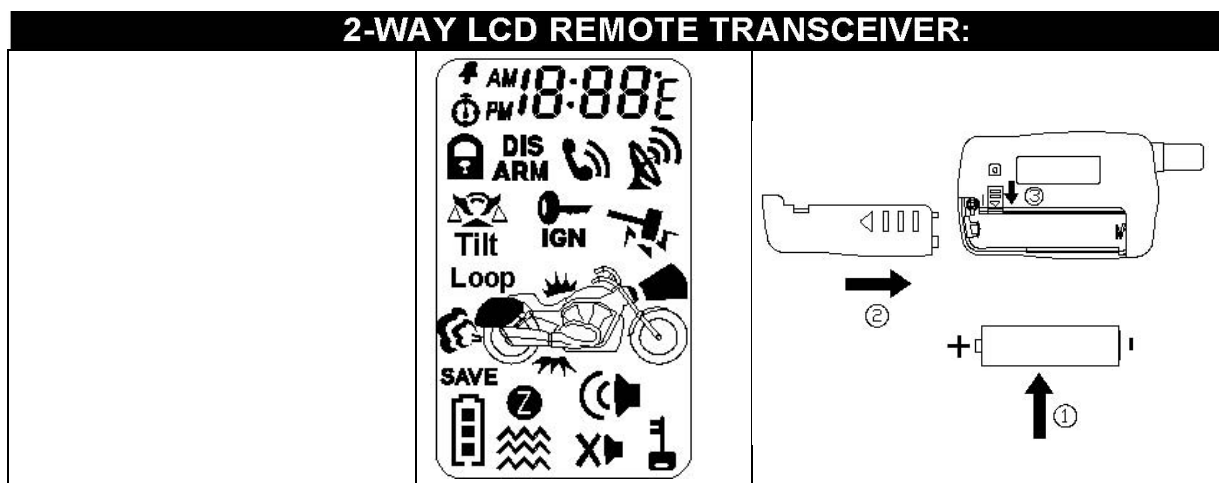
If the motorcycle is not driven within 12 hrs or the security system doesn't activate by remote control within 12hrs, the security system will automatically turn on power save mode. While in power save mode, the security system uses approach "0" current to save the motorcycle's battery power.

When the system is in power save mode, all remote control and shock sensor function are bypassed, however the ignition trigger / wire loop trigger / instant trigger / starter interrupt feature

will remain operational.


Exit the Power Save Mode:

Turn the ignition switch to on then off to exit the power save mode.












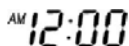
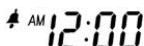

Note: If the system is interfered by stronger radio frequency around, sources of high voltage electric power or such Obstacles like tall buildings and so on, the transmission range may get shorter as the system uses low out put powered frequency.

A. BATTERY REPLACEMENT

A 1.5V type AAA Alkaline battery powers the Remote Transceiver. When the power of the battery weakens a  icon shall be displayed on the LCD screen. When the old battery is replaced to new one, there will be beep sounds to indicate the power is up and the clock on the LCD screen returns to **AM12:00** after displaying all the icons. Correct the time by pressing **SET** for 3 seconds before using (See Timer Setting).

Note: Press **I** button two times when the battery compartment is empty, then insert the new battery.

B. THE REMORE LCD ICONS WITH FUNCTION

	Armed Mode Your motorcycle is in the armed mode.		Disarm The system is Disarmed.
	Remote Transmission You are transmitting the signal to control unit.		In – Range Indicator You are within the remote control's range.
	Trigger on the Tilt Switch (Zone 2) optional		Trigger on the Close Loop (Zone 3).
	Trigger on the Shock Sensor (Zone 4)		Activate on the Warn away Trigger
	Trigger on the Ignition Switch (Zone 5).		
	Time Monitor Count Down Timer Reminder when time is up for parking.		Alert Alarm You have set morning call alarm.
			Power Save Mode Save the battery power.

**Vibration Mode**

Remote Control vibrates when the system is triggered.

**Driver paging / Lost and Found**

Someone is paging you in front of your motorcycle.

**Button Lock**

Disable the transmission function temporarily.

**Low Battery**

You have to replace the battery of remote control.

C. PROGRAMMING OF THE LCD REMOTE TRANSCIVER

Transceiver Button	Description	Operation
SET (1 second)	<i>LCD screen lamp turns on for 10 seconds.</i>	Press and hold SET button for 1 second, 1 melody sound will confirm entry.
SET (3 seconds)	Timer Programming Mode	Press and hold SET button for 3 seconds, 2 melody sounds will confirm entry.
SET (5 seconds)	Power Save Mode	Press and hold SET button for 5 seconds, 1 melody sound to confirm entry.
SET - SET - SET	Clear the Flash Icon and Melody Sound on the LCD Screen Transmitter	Press SET button 3 times within 5 seconds.
SET - I (2 seconds)	Button Lock (I) enable / disable	Press SET button first within 3 seconds press and hold I button for 2 seconds.
SET - II (2 seconds)	Melody / Vibration (II) Mode	Press SET button first within 3 seconds press and hold II button for 2 seconds.
SET - III (2 seconds)	Program Count Down Timer (III) (10-Minute / 20M / 30 M / 1Hour / 1.5H / 2.0H)	Press SET button first within 3 seconds press and hold III button for 2 seconds.
SET - IV (2 seconds)	Enable / Disable Bi Sound (Bi) While Pressing Button	Press SET button first within 3 seconds press and hold IV button for 2 seconds.

- Screen Lamp ON:** Press and hold SET button for one second, with one melody sound and the LCD screen lamp will turn on for 10 seconds.

- Power Save Mode For Remote Transceiver:** While in the power save mode, the LCD remote transceiver uses no current to save the battery power.

Entry: Press & hold SET button for 5 seconds, with one melody sound and **SAVE** icon on the LCD screen to indicate entry the "power save mode".

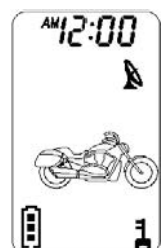
Exit: Press any button of the LCD remote transmitter to exit the "Power Save Mode".


- Clear the Flashing Icons and Melody Sound:** Pressing SET button 3 times within 3 seconds will clear the flashing icons and melody sound on the LCD screen transceiver.

- Stop The Trigger Melody Sound:** While the alarm is triggered, the LCD screen will alert the user through a melody sound and flashing trigger icons. Pressing any button on the LCD remote transmitter will stop the melody sound only.

- Button Lock:**



This is useful if you want to disable the transmission function of the remote control temporarily to prevent any inadvertent pressing of buttons by others. Press SET button first, within 3 seconds, press and hold I (I) button for 2

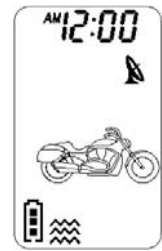


seconds to activate or cancel the button lock function,  icon will be displayed on the LCD screen to show the LCD remote transmitter is on "Button Lock".

6. **Vibration / Melody Mode:**

This mode is useful when you are in a noisy place and it is difficult to hear the beep sound from the remote control. The unit will vibrate if your security system is triggered.

Press SET button first, within 3 seconds, press and hold II () button for 2 seconds to select the mode of vibration or melody.  icon will be displayed on the LCD screen to show the LCD remote transceiver is on vibration mode.




7. **Enable / Disable Bi Sound While Pressing Button:**





The unit has a short "bi" sound while pressing the buttons of the LCD screen transceiver.

If you want to mute the "bi" sound while buttons are depressed, press SET button first. Within 3 seconds, press and hold IV (**Bi**) button for 2 seconds to disable the "bi" sound.

8. **Low Battery Indication:**

When the power of the battery weakens, it has two short "bi" sound and the unit will flash  icon while pressing the button of the LCD screen transceiver.

9. **Set-Up Fixed Count Down Timer:**



1. Press SET button first, within 3 seconds, press and hold III () button for 2 seconds. The LCD screen will show  icon and timer (ie. 0:10).
2. Press III () button again showing next order time on the screen (ie. 0:20). Press them again (ie. 0:30).....and so on.
3. Leave the buttons starting count down then  icon flashes.

Note:

1. The count down period is fixed as 10 minutes, 20 minutes, 30 minutes, 1 hour, 1.5 hours and 2 hours maximum.
2. When the count down timer is showing 0:00, the timer has elapsed.
3. Press SET button for real time indication when the timer is counting down.

10. **Out Of Range Indication:**

The system will automatically check the range every 30 minutes when armed.

1. If the user is within the range,  icon will display on the LCD screen.
2. If the user is out of range, it has five short "bi" sounds and  icon will disappear on the LCD screen.

Note: Programming "Out Of Range Indication" will decrease the life expectancy of battery.

D. TIMER SETTING:



	Transceiver Button	Description	Press Transceiver Button
1	Press & Hold SET button for 3 seconds	Timer Setting (Hour) *Flash digit for adjusting	IV for – and III for +
	Press SET button once	Time setting (Minute) *Flash digit for adjusting	IV for – and III for +
2	Press SET button once.	Alert Alarm Time Setting (Hour) *Flash digit for adjusting	IV for – and III for +
	Press SET button once	Alert Alarm Time Setting (Minute) *Flash digit for adjusting	IV for – and III for +
	Press SET button once	Alert Alarm Setting ON / OFF	IV for OFF and III for ON
3	Press SET button once	Count Down Timer Setting (Hour) *Flash digit for adjusting (Max.19 hours 59 minutes)	IV for – and III for +
	Press SET button once	Count down Timer Setting (Minute) *Flash digit for adjusting	IV for – and III for +
	Press SET button once	Count down Timer Setting ON / OFF	IV for OFF and III for ON

EXIT: Press and hold the SET button for 2 seconds or leave it for 10seconds, the system will exit the programming mode.



1. Timer Setting: Example to AM10:30

1. Press & hold SET button for 3 seconds, with two-melody sound, the “Hours” digit will flash for adjusting.
2. Press **IV** or **III** button to decrease or increase the “Hour” digit until AM**10**:xx.
3. Press SET button once again then the “Minute” digit flashes for adjusting.
4. Press **IV** or **III** button to decrease or increase the “Minutes” digit until AM 10:**30**.
5. Press SET button for 2 seconds with one-melody sound will confirm exit of the timer program mode.

2. Alert Alarm Timer Setting: Example to PM 6:30

1. Press & hold SET button for 3 seconds, with two-melody sound, the “Hours” digit will flash for adjusting.
2. Press SET button twice, the LCD screen will show  icon and “Hours” digit will flash for adjusting.
3. Press **IV** or **III** button to decrease or increase the “Hour” digit until **PM 6:xx**.
4. Press SET button once again then the “Minutes” digit flashes for adjusting.
5. Press **IV** or **III** button to decrease or increase the “Minutes” digit until **PM 6:30**.
6. Press SET button once again then  icon flashes for alert alarm “ON / OFF” setting.
7. Press **III** button to start the “Alert Alarm Timer”, and the “ON” icon will show on the LCD screen.
Press **IV** button to stop the “Alert Alarm Timer”, and the “OFF” icon will show on the LCD screen.
8. Press SET button for 2 seconds with one-melody sound to confirm exit the timer program mode.

3. Count Down Timer Setting: Example Set count down timer at 2:30

1. Press & hold SET button for 3 seconds, with two-melody sound, the “Hours” digit will flash for adjusting.
2. Press SET button 5 times, the LCD screen will show  icon and “Hours” digit is flashing for adjusting.
3. Press **IV** or **III** button to decrease or increase the “Hour” digit until **2:xx**.
4. Press SET button once again then the “Minutes” digit flashes for adjusting.
5. Press **IV** or **III** button to decrease or increase the “Minute” digit until **2:30**.
6. Press SET button once again then the  icon will flash for alert alarm “ON / OFF” setting.
7. Press **III** button to start the count down timer, and the “ON” icon will show on the LCD screen.
Press **IV** button to stop the count down timer, and the “OFF” icon will show on the LCD screen.
8. Press SET button for 2 seconds and one-melody sound will confirm exit of the timer program mode.

Note: Maximum timer mode is 24 hours.

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- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE

1. Avoid environment hazard, please do not start engine inside garage.
2. Avoid pressing remote transmitter unnecessarily.
3. Use new battery n remote transmitter for better operation. If reception get weaken.
4. Read Manual carefully.