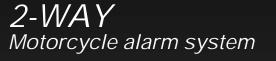
Think safety think Steelmate



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Manual

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Important notice

- Please install the system by an authorized engineer
- Keep the product and the transmitters from water.
- It is highly recommended you read this manual carefully before the installation and operation of this unit.
- When the transmitter operating distance is shorter or its indicator light turns dark, please replace the battery with a new one or charge the transmitter ASAP

Technical parameter

ECU

Operation voltage:12V±3VStatic current:<3.5 mA</td>Operation frequency:433.92 MHz

Siren

Siren SPL: 108~125 dB
Transmitter

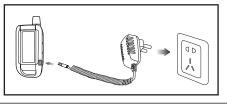
Operation voltage: 3.2~4.2V (Rechargeable) 1.1~1.5V (AAA battery)

Brief look at each device

Transmitter charging

Connect the charger's plug to transmitter's charging socket, and then insert the charger into 100~240V power supplier, the transmitter's battery can be charged discontinuously.

When transmitter is full charged, the battery indicator will be full.



User's Manual

Key features

- 2-way LCD transmitter
- Motorcycle battery status indication on LCD transmitter
- Low power consumption (<3.5 mA)
- Shock sensor sensitivity adjustable via transmitter
- Water resistant ECU
- Out of operating range warning
- Small siren & ECU for easy installation
- Backup battery (optional)

∂ Arm

Press & button once to arm the system. Press & button twice to enter mute arming mode.

🗟 Disarm

Press & button to disarm the system Press and hold & button to turn on/off transmitter. (Rechargeable transmitters)

 \mathcal{N} Start Press \mathcal{N} button twice to start the engine.

◀X MutePress ◀X button to arm in mute arming mode.

Panic
 Press > button once to locate the motorcycle.
 Some buttons are only for some transmitters

Low battery warning

When a transmitter's battery is low, the transmitter will send out warning sound after the button is pressed, the battery indicator will show the battery status.

When the battery indicator is empty, the transmitter needs to be charged or changed immediately.



 $\ensuremath{\overset{\scriptstyle <}{_{\scriptstyle \rm T}}}$ The transmitting range will be affected when the battery is low.

Functions

1. Arming

When ignition is turned to off, press $\ensuremath{\texttt{0}}$ button to arm the system.

2. Mute arming

Press 0 button twice (or \P button once) to enter muet arming mode.

3. Shock impact alarm

In arming mode, the first shock impact will trigger the system warning, the siren will chirp with turn signals flashing 3 times, and the engine will be immobilized. The 2-way transmitter will beep 5 times with vibration, the 4 icon and 3 icon will be flashing with backlight.

If the second shock impact triggered in 15 seconds, the siren will chirp 15 seconds with turn signals flashing and the engine will be immobilized. The 2-awy transmitter will beep and vibrate, the 4 icon and 4 icon will be flashing with backlight.

4. Emergency alarm

In arming mode, if the key is turned to ACC ON position, the siren will chirp sharply, the turn signals will flash and the engine will be immobilized. press button to stop alarming.

5. Disarming and rearming

In arming mode, press ô button to disarm the system. If the motorcycle is not touched or the enging is not started in 30 seconds, the system will automatically return to the former arming mode.

Press [®] button twice, the turn signals will flash twice and the system will be disarmed completely.

6. Locating

Press P button once or press and hold P P buttons to locate motorcycle, the siren will chirp for 10 seconds with turn signals flashing.

7. Anti-hijack

Ignition on, press and hold \P or \checkmark button, the siren will chirp sharply with the turn signals flashing. The engine will be immobilized after 10 seconds. Press ϑ button to stop this function.

8. Not-armed warning

When the ignition off and the system is not armed within 10 seconds, the siren will chirp 3 times with turn signals flashing to remind to arm the system.

9. Remote stop engine

During driving or starting engine, press $\widehat{\sigma}$ button once to stop the engine.

10. Remote engine start (986 series only)

Press \checkmark button twice continuously, the engine will be started and run for 8 minutes, then engine will be shut down and the system sill return to the previous status. During the 8 minutes, if you insert the key and turn to ACC ON, the engine will keep running.

11. keyless driving (986 series only)

If the engine is started, press \checkmark button again in 8 minutes the siren will beep once to confirm that the motorcycle can be driven with keyless.

When the engine is running, press & button once, the engine will be stopped.

12. LED indicator

In arming mode, the LED indicator will flash once every two seconds. When shock sensor is triggered, the LED indicator will flash continuously.

13. Special music reminding

Press any button on the transmitter, if it sends out special music, the transmitter is communicating with ECU, please operate it later.

14. Time setting

Press \oplus + \oplus button together for 2 seconds, the transmitter beeps once, the figure will flash, the press \oplus button to choose hour or minute setting, and set the time by \oplus button.

Parameter setting:

1 Time: setting hour, minute (time in 24 hour notation)

2 Exit: press the button together to save the setting and exit the setting mode, the transmitter beeps once.

15. Antenna range indication

Antenna range shows by bar on the LCD screen, the more the bar, the stronger the signal. When the transmitter can not receive the signal fron the system, the signal bar will disappear.

16. Sensitivity adjustment by transmitter

In disarming mode, press and hold $\vartheta + \mathscr{N}$ buttons or \P button to enter the shock sensor sensitivity setting function. Press \mathscr{N} button or \P button to change the 1~8 sensitivity levels (level 8 is the highest sensitivity levels (level 8 is the highest sensitivity level and level 1 is the lowest sensitivity level).

When selecting sensitivity levels, the siren beeps once with turn signals flashing once to indicate the sensitivity is at level "1", the LCD transmitter will monitor "1", the siren beeps twice with turn signals flashing twice to indicate the sensitivity is at level 2, the LCD transmitter will monitor "2", and so on. Once the suitable sensitivity is set, press \hat{v} button to confirm and exit the setting mode. (If there is no adjustment within 15 seconds after the system enters the sensitivity setting Mode, the system will automatically exit setting & revert to its former sensitivity status, Factory default: level 5)

17. Backup battery (optional)

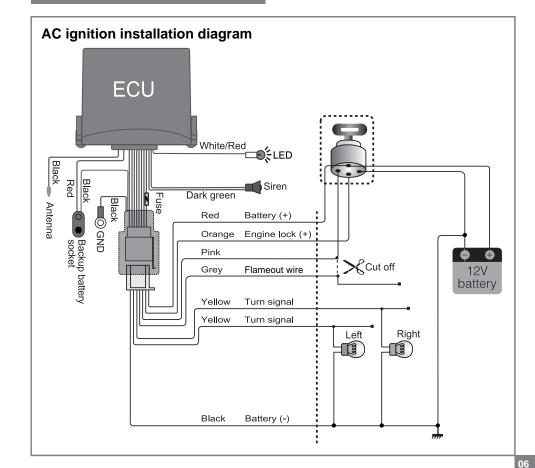
A backup battery provides power to the system when the primary source of power is unavailable.

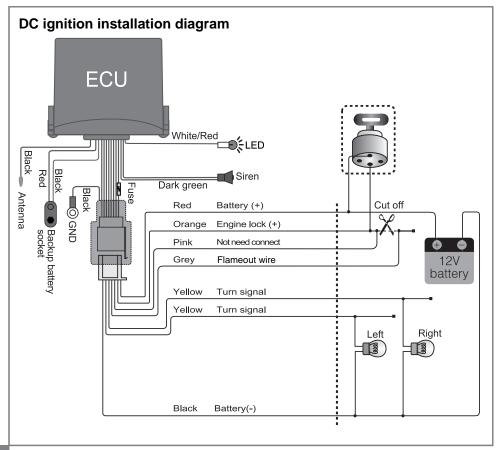
18. Monitoring the battery status of the motorcycle

Every time when press armed button on the LCD transmitter, the battery voltage of the motorcycle will be shown on the transmitter with V icon flashing. You can know the motorcycle's battery status at any time.

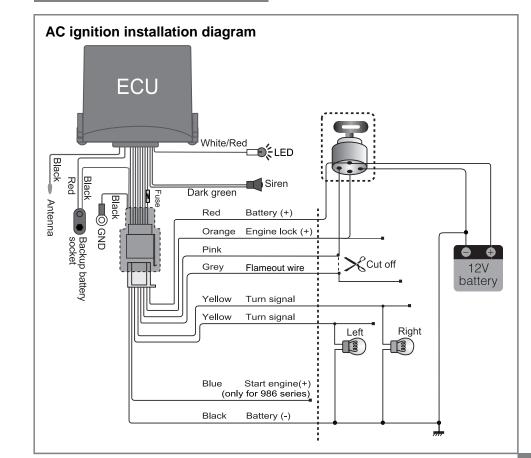
Installation Manual

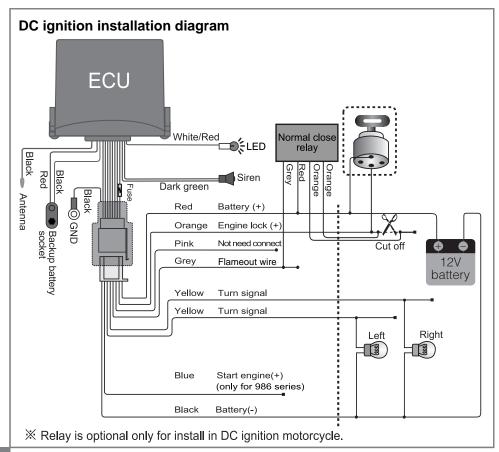
886 series installation guide



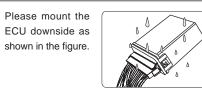


986 series installation guide

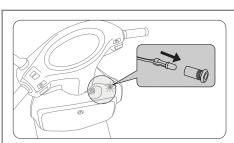




ECU installation

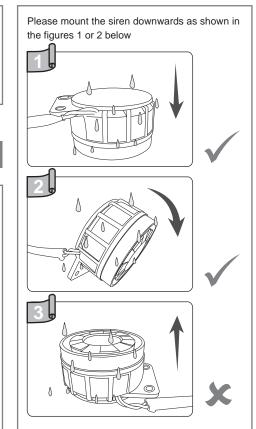


ECU light installation



- 1. Drill a hole ($\varphi 8)$ around the block where it can be seen clearly.
- 2. Insert the outer bushing to the hole.
- 3. insert the inner bushing with LED to the outer bushing and tighten them up.
- 4. Connect the LED plug to the main unit of the alarm system.

Siren installation



Troubleshooting

1). Transmitter is ineffective or the control distance decreased significantly.

- ¹ Tall building, radio tower or high frequency electromagnetic wave may affect the control range.
- ¹ Low power of the battery.
- ¹ The transmitter is broken or damaged.
- ¹ The installation location of the antenna is wrong. You should straighten the antenna and keep it away from other wire harness.
- 2). The siren does not chirp when the alarm system is triggered.
- ¹ The wire connection between the siren and ECU has problem.
- 1 The siren is damaged.
- 3). The system gives false alarms when heavy vehicles by passing.
- ¹ The sensitivity of the sensor is too high.
- 4) The continuous chirping of the siren cannot be
- stopped by transmitter after the installation of ECU.
- ¹ The plug is improperly inserted.
- ¹ The wire is improperly connected.
- ¹ The siren is damaged.
- 5) If the problem persists, please follow these steps
- ¹ For consumer contact your dealer or nearby service centre.
- ¹ For installer or dealer email your question to us and we will reply ASAP.