

Manual for V208 PKE Motorcycle Alarm System

Features:

2-Way Function

The system sends alarm notifications to the remote. If the LED on the remote is blinking, it is within receiving range.

PKE (Passive Keyless Entry)

No need to manually arm or disarm the alarm. Detects distance to the remote; if under 5 meters, disarms automatically. Prevents false alarms and annoying beeps. Only a short beep occurs when the bike is started. PKE can be toggled via remote. Default is off. The spare remote does not support PKE, unless you have the version with two PKE remotes.

Low Power Consumption

Uses 0.6mA whether armed or disarmed. PKE adds no extra load. Total annual usage ~5.3Ah, meaning a fully charged battery may last about a year without recharging.

Ignition Power Use

Draws 60mA with ignition on, 125mA with remote start. Negligible compared to other components like lights.

External 9V Backup Battery Supported

Allows alarm to sound if the main battery is removed.

Turn Signal Sound Reminder

Optional beep sound to avoid forgetting turn signals. Can be toggled via remote (legality may vary).

Auto-Arming

Can automatically arm if stationary for 3 minutes. Toggle via remote.

Remote Start

Cannot be disabled. If starter motor wire is not connected, it only powers ignition. May be illegal in some countries.

Built-in 20A Relays

Over-dimensioned to avoid fusing issues.

Loud Siren

125dB, louder than previous models.

Operating Instructions

The following instructions describe how to use the alarm system, including remote functions and system settings. Please follow the steps carefully to ensure proper operation and security.

Remote Buttons:

"Lock/Arm" (button with closed padlock)

- Short press: Disarms alarm.
- Long press: Arms alarm silently.
- Cancels alarm event while alarm remains active (alt: press 'Disarm' + 'Arm').

"Unlock/DisArm" (button with open padlock)

- Short press: Disarms alarm.
- Long press: Disarms alarm silently.

"Engine Start" (button with key symbol)

- Short press: Unlocks car (not applicable for motorcycles).
- Long press: Tests remote battery (1–6 LED blinks for battery level).
- Two quick presses: Turns on ignition and starts motorcycle.

"Speaker" (only on 1-way remote)

- Emits 5 beeps to help locate the bike.

Red/Green LED

- Blinks when remote is within range.

User Settings, to change setting n:

1. Hold down "engine start."
2. Press "Unlock/Disarm" n times.
3. Release "engine start."
4. Turn signal flashes n times.

Functions:

- n=3: Turn signal beep ON.
- n=4: Turn signal beep OFF.
- n=5: Activate auto lock after 3 minutes (parking lock).
- n=6: Deactivate parking lock.
- n=7: Activate permanent engine lock (bike won't start, even if disarmed).
- n=8: Deactivate permanent engine lock.
- n=11: Enable PKE (5-meter auto sensing).
- n=12: Disable PKE (only documented in Chinese manual).

Adjust Sensitivity and Factory Reset:

Adjust sensitivity (k = 1 to 5): 1 = least sensitive, 5 = most sensitive.

Same steps as user settings, but use 'Lock/Arm' instead of 'Unlock/Disarm'.

1. Hold 'engine start'.
2. Press 'Lock/Arm' k times.
3. Release 'engine start'.
4. Buzzer beeps k times.

To reset to factory settings: use k = 15. A melody plays to confirm reset.

Factory Defaults:

- Turn signal beep: OFF
- Auto lock (parking lock): ON
- Permanent engine lock: OFF
- PKE: OFF
- Sensitivity: 3 (medium)

Hint: Enable PKE and increase sensitivity to 5. Sensitivity 3 is not much sensitive.