Installation Guide
Motorcycle Alarm System
Type 338A/998A

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Technical changes reserved!
Due to further developments, illustrations, functioning steps and technical data can differ insignificantly.

Updating the documentation
If you have suggestions for improvement or have found any irregularities please contact us.

EC-Declaration of Conformity
(According to the guidelines 1999/5/EG (R&TTE))

Producer / person responsible
WilTec Wildanger Technik GmbH
Koenigsbenden 12
52249 Eschweiler, Germany

Ensures that the product:
75998, Inwells Motorcycle Alarm System
Type: 338A
Designated use: Securing two-wheeled vehicles

when properly used, the above mentioned model fulfils the basic requirements and the guidelines complying with the

1999/5/EC R&TTE

When evaluating the product according to the EU demands, the following standards were applied:
R&TTE EN300 220-3 V1.3.1:2000
EN301 489-3 V1.4.1:2002

If the product is changed this declaration loses its validity.

Eschweiler, 14. December 2006

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Bernd Wildanger
Manager

The product can be introduced in all EU-states without restrictions (as well as in other states that follow the EU-Directive 1999/5/EG).
General Information

Requirements:
1. Voltage: DC 12Volt +/- 3Volt
2. The motorcycle has to run idle in order to start the engine.
3. The control unit has to be positioned in a damp-proof place of the motorcycle because the device is not water-proof.
4. The control unit must not be thrown or exposed to moisture.

Functional description:

- Audio-Optic Alarm: Press \( \text{unavailable} \) and the signal horn rings out once, the blinker flashes, after 3 sec the alarm is activated.

- Disarm: Press \( \text{unavailable} \) and the horn rings twice the blinker flashes twice indicating that the system is disarmed.

- Shaking-Alarm: If the alarm system is activated and the motorcycle starts shaking, the blinker flashes and the horn warns. If the shaking happens again in 5 sec, the immobilizer is activated and the engine cannot be started, the blinker flashes and the horn rings.

- Motorcycle searching: If the system is activated, press \( \text{unavailable} \) and an alarm is triggered, so that you can find out the location of your vehicle.

- Silent Alarm: By pressing the \( \text{unavailable} \) button you activate the silent alarm. In case the motorcycle is shaken a short acoustical signal is given followed by an optical warning issued by the blinker.

- Immobilizer: It is only for motorcycles equipped with a negative switching emergency switch. Because this function is optional, one can let it disconnected by motorcycles with positive switching emergency switch or by rollers. For the immobilizer the grey and the pink cables are assigned.

- Remote start: Press \( \text{unavailable} \), the engine starts automatically. In case the engine does not run, just push again the button. The starting motor is activated as long you press the button of the remote control. (It does not function if the motorcycle battery is too weak or empty.)

- Switching off the engine: Just press \( \text{unavailable} \) for turning off and the engine shuts down.

- Anti Hijacking: In case your motorcycle is stolen while the machine is running, just press \( \text{unavailable} \) the engine stops immediately, the horn rings permanently and the blinker flashes. (This function is only ensured, if the motorcycle is started via remote control or if the immobilizer (grey / pink cables) is connected.

- Adjusting the sensitivity: In case the sensitivity is set too low, sever the green cable. (see the illustrations)

- Setting sensitivity via remote control: press \( \text{unavailable} \) and \( \text{unavailable} \) or \( \text{unavailable} \) and \( \text{unavailable} \) buttons (depending on the model year) of the remote control simultaneously, the blinker flashes quickly three times, indicating that sensitivity can be adjusted via remote control. Briefly press \( \text{unavailable} \) only once and the shock sensitivity changes. The degree of sensitivity is indicated via blinker. There are four sensitivity levels that can be set. After setting, press \( \text{unavailable} \) and you quit the set level. (1x blinking insensitive, 4x blinking very sensitive).
Connection Diagram Motorcycle Type 338A/998A

Symbole und Funktionen

<table>
<thead>
<tr>
<th>Symbole</th>
<th>Funktion</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔒</td>
<td>Alarmanlage schärfen</td>
</tr>
<tr>
<td>🔒</td>
<td>Alarmanlage deaktivieren</td>
</tr>
<tr>
<td>🔴</td>
<td>Mute Alarm (lautloser Alarm)</td>
</tr>
<tr>
<td>🔥</td>
<td>Motorstart</td>
</tr>
</tbody>
</table>

Diesen Draht durchtrennen, um die Empfindlichkeit zu erhöhen

Gelb (vom Schalter)  
Blinker

Kabel zum Anlasserrelais (Positiv)
Fault tracing Motorcycle Type 338A/998A

Installations problems and their causes:

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause / Elimination</th>
</tr>
</thead>
<tbody>
<tr>
<td>The alarm system shows no function</td>
<td>The supply voltage is not connected / please check the contact of the red and of both black cables</td>
</tr>
<tr>
<td>Are all the cables connected? Plus and minus alone are not enough to test the system!</td>
<td></td>
</tr>
<tr>
<td>The alarm system cannot be activated, or the alarm is triggered immediately when enabled</td>
<td>The alarm system detects a false signal / the orange cable is incorrectly connected and has still +12V when armed/activated</td>
</tr>
<tr>
<td>By engine remote start the motorcycle won’t start (starting motor rotates itself)</td>
<td>The cables (orange) an ACC (ignition switch positive) is not properly connected / check the cabling.</td>
</tr>
<tr>
<td>Beim Motorfernstart startet das Motorrad nicht (Starter dreht nicht)</td>
<td>The starter relay is not positively switched but negatively / Connect another relay to the earth side of the starter relay which is activated by remote start via blue cable (of the alarm system).</td>
</tr>
<tr>
<td>The alarm is triggered but the siren does not go off</td>
<td>The connector to the alarm siren has no contact / plug in the connector</td>
</tr>
<tr>
<td>When the remote control is activated, the blinkers do not flash</td>
<td>The battery of the motorcycle could be discharged please change the battery to ensure the alarm function.</td>
</tr>
</tbody>
</table>

If you have checked the whole cable layout and read these instructions and still cannot put the alarm system into operation, note down which cable you have connected and send us an Email, as well as a description of the malfunction.

Send your Email-support to: support@wiltec.info, without a first contact via Email no (!) telephone support is provided!

By telephone and written enquires please always specify your customer and order number. In case you did not purchase the alarm system from WilTec Wildanger Technik GmbH, please contact your seller.
Symbols and functions

Activate the alarm system
Deactivate the alarm system
Mute alarm
Motor starter

Red – connect it to the plus of the battery
Grey – Emergency off switch/ Emergency Power Off → to the switch
Pink – Emergency off switch/ Emergency Power Off ← from the switch
Black – to the minus of the battery / earth
Orange – ignition switch positive ACC
Yellow –
Yellow – blinker
Blue – cable to the starter relay (positive)
White
Red
Signal / horn