# BLAUPUNKT

# VEHICLE SECURITY SYSTEM
## E01 / E02

**E01**

**E02**

**Operating & Installation Instructions**

| Function | Button | Ignition Status |
|---|---|---|
| Arm | Button 1 | OFF |
| Disarm | Button 2 | OFF |
| Panic | Button 3 | OFF |
| Trunk Release | Hold Button 2 /4 | OFF |
| Beep Sound (Silent) | Button 1 & 2 | OFF |
| Auto Relock | Hold Button 1 | ON |
| Foot Brake Lock | Hold Button 2 | ON |
| Valet Mode | Hold Button 1 & 2 | ON |
| Exit Delay Time (5 & 30Sec) | Hold Button 3 | ON |

**E01**

**E02**

### Arm (Lock)
Press Button 1 to arm. The central lock will be lock, alarm will beep once, hazard light flashes and LED light will turn on. The immobilizer will function if the ignition is turned ON.

### Disarm (Unlock)
Press Button 2 to disarm. The central lock will be unlocked and alarm will beep twice. Hazard light flashes twice and LED light will turn off.

### Panic
Press Button 3 to trigger the alarm and hazard light for approx. 45 sec. instantly in case of emergency. Press buttons other than Button 3 to turn off the alarm, alarm system will remain armed and locked.

### Beep Sound (Remote Selection)
Press Button 1 and 2 simultaneously to disable Beep sound, hazard light will flash twice. Repeat the same step to enable the Beep sound. The alarm will beep and hazard light will flash.

### Auto Relock / Auto Rearm (Remote Selection)
After 30 seconds of disarming the alarm system and no doors are being open, the system will automatically relock / rearm the vehicle. If the central locking was accidentally unlocked after 15 sec. second alarm will beep and hazard light flashes, indicating the system will be rearmed and the door will be relocked in another 15 sec.
To disable this function, turn on the ignition, press and hold Button 1 for 2 sec., the alarm will beep twice and hazard light flashes. Repeat the same step to enable this function again, alarm will beep once and hazard light flashes.

### Passive Immobilizer
This function will be activated either after the ignition is turned off for 60 sec. at disarm mode or 60 sec. passed after Button 2 is pressed. The passive immobilizer sends out signal to stop the electronic start/ ignition circuit in order to immobilize the vehicle. The blinking LED indicates the function is enabled. To Cancel the passive immobilizer, press Button 2; the LED will stop blinking indicating the function is disabled.
Note : The auto-relock function will override passive immobilizer function.

### Doors/ Boot/ Bonnet Zone Protection
The alarm will be triggered if any zones are opened while the alarm status is in armed mode. The siren will last for 45 sec. and 5 sec. break, every time the system check for the zone status. Upon completion of 3 zone status checking, the violated port is ignored and the system will be rearmed.

### Keyon Trigger Zone
The alarm will be triggered if the alarm is in arm mode and the ignition is ON. The siren will continue for 45 sec. before it takes 5 sec. to check on the ignition status, the siren will continue if alarm is still in arm mode while ignition is ON.

### Manual Override System
To set off the alarm system without using a remote in case of missing/ malfunction remote, turn on the ignition and press the Reset switch once.
Ignition / Starter Disable (External Heavy Duty 30A Relay)
When the alarm system is in arm mode and ignition is ON, the system will halt the ignition (subject to relay connection) and the alarm will be triggered. This will immobilize the vehicle to prevent car from being stolen.

### 3 Independent Triggering Zones with Memory
There are sensors on the doors/ bonnet/ boot & ignition key zones. The alarm will beep 3 times after the alarm is disarmed, indicating doors/ bonnet/ boot zone is triggered; 4 times indicate sensor, 5 times indicate ignition key zone triggered. The memory will automatically be erased when the ignition is turned on in disarm mode.

### LED Indicator shows the Status of the Alarm System
A dashboard mounted red arm and memory LED will light up to indicate when the alarm system is arm, disarm, triggered.

### Valet Mode (Remote Selection)
To turn on the Valet Mode, then the ignition ON, press Button 1 and 2 for hold for 2 sec., the alarm will beep once and hazard light flashes, the arm LED flashes too. The alarm system will be disabled when in valet mode (Not include Central Lock System). To return to normal mode, repeat the same steps again while the ignition is ON.

### Door Open Detection
In disarm mode, when the alarm system detects opened doors and the ignition is ON, the hazard light flashes. The hazard light will stop flashing when the doors are closed.

### Opened Door Warning (Remote Selection)
When door lock mode is activated, alarm will beep and hazard light flashes when the doors are opened. After 30 sec., the alarm will be trigger. To disable this function, follow the Exit Delay Time Selection.

### Exit Delay Time (Remote Selection)
Exit delay time (5/ 30 sec.) can be selected by the remote control. For exit delay time 5 sec., turn ON the ignition, then press and hold the Button 3, the alarm will beep twice and hazard light flashes. When select exit delay time 5 sec., opened door warning function will be disabled.
Repeat the same procedure again for the exit delay time to 30sec., the alarm will beep once and hazard light flashes.

### Trunk Release Activation by Remote (Optional)
Press and hold Button 2 or 4 (open trunk signal output is required). The alarm system will automatically disarm each time the trunk is opened.

### 3 Wire Dual Zone Shock Sensor (TWDZ) Optional
a. If the vehicle is hit by light impact, the alarm will release a warning beep.
b. If the vehicle is hit by high impact, the alarm will release the siren for 45 sec. before it stops.

## Transmitter Pairing Process

a. Turn the ignition ON & OFF, repeat the steps 5 times, then keep the ignition ON.

b. Press any button on the remote, LED light will be on without flashes. Press any button again, the LED light will be off, indicating pairing successful.

c. The LED will blink again as a sign for ready learning once more. Repeat step b. again for up to 6 pairing. A maximum of 10 sec. is allowed for each complete learning at one time.

d. After completed pairing, turn off the ignition to exit the pairing process.

# WIRING DIAGRAM



Shock Sensor (Optional)

LED Status Indicator

Reset Switch

Ultra Sonic Sensor (Optional)

| 1 | : | Hazard Light |
| 2 | : | Hazard Light |
| 3 | : | Lock (Relay) |
| 4 | : | Unlock (Relay) |
| 5 | : | Ground |
| 6 | : | +12V DC |
| 7 | : | Door Switch |
| 8 | : | (–) Output |
| 9 | : | Siren |
| 10 | : | Foot Brake |
| 11 | : | Key On |
| 12 | : | Unlock (–) |
| 13 | : | Lock (–) |

Antenna

1 White / Yellow

Front View

Hazard Light

2 White / Yellow

3 Green

4 Blue

Boot Release Module (Optional)

Central Locking

Red + 12VDC

Yellow

Blue

Yellow

Blue

12 White

Green

13 Brown / White

10 Green / Black

5 Black

FUSE 15A

Brake Light

BATTERY DC 12V

+ 12VDC

Foot Brake Switch

6 Red

7 Orange

Existing Low Current Solenoid Feed Wire (+12V DC, Key "ON" only)

To Start Solenoid

To Ignition Switch

Door / Bonnet / Boot

Black

CUT

Black

SIREN

9 Brown

30

Orange / White

Grey

85

87A

86

87

8 Grey

(Optional)

Ignition Key (ON)

11 Orange / White

**Designed and engineered by Blaupunkt**