



The supplementary alarm

Plip (original door locking remote control)

The majority of new vehicles come with an original remote control incorporated in the ignition key, which allows the central locks of the doors and boot to be unlocked and locked.

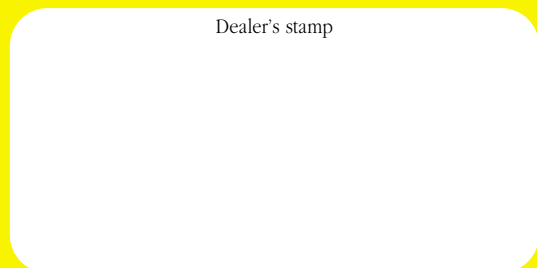


Alarm (acoustic signalling device)

These vehicles can be equipped with an alarm device without remote controls which interfaces with the vehicle's original controls in a sure-fire and reliable way. The alarm system can only be armed and disarmed with the original door-locking remote control (PLIP), thus increasing the vehicle's level of protection.

THE ALARM WITHOUT REMOTE CONTROLS

The best technology for your safety



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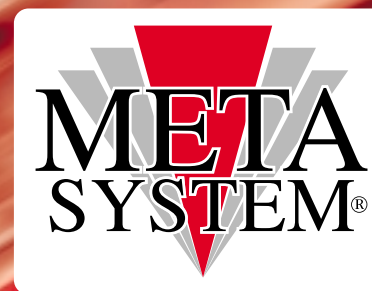
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CarAlarm



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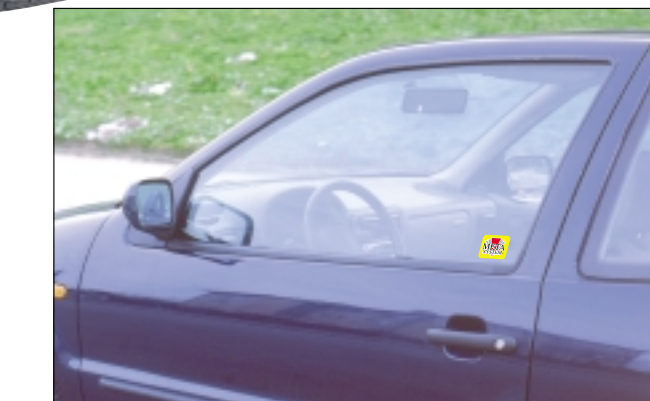
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WHY YOU NEED AN ALARM

The alarm is the voice of the anti-theft device



Original anti-theft device



MetaSystem alarm system

Today, ALL vehicles feature anti-ignition devices as required by the European Directives. The most popular system consists of an immobiliser with transponder disconnection circuit incorporated in the ignition key. The vehicle is thus equipped with an ANTI-THEFT device as a standard fitting that prevents unauthorised engine starts, but this device DOES NOT prevent and DOES NOT warn vehicle owners in case of theft inside the passenger compartment or boot, or in case of tampering with the system itself.

ALARM devices are not therefore an effective deterrent against theft.

H.P.B. Range

Know-how acquired throughout years of working with the most important car manufacturers, plus technological research and the quality goals imposed by the MetaSystem itself, have refined the company's skills when it comes to developing products with specific interfaces for individual vehicle versions. Various alarm control models to suit the different types of vehicle are therefore essential. The following models are available:

Model	denomination	applications
HPB/1	BLINKER SELF LEARNING	indicators, with inhibitions
HPB/2	IP-/IP+, FIAT, PSA, OPEL, RENAULT ^Δ	positive and negative signals with inhibitions
HPB/3	CAN PSA ^Δ	CITROEN C4, C5
HPB/5	CAN MERCEDES and BMW ^Δ	class A, C, CLK, E, VITO, series 1, 5, 6, 7
HPB/6	CAN VW GROUP ^Δ	vehicles of the group from the year 2001 onwards.

Consult the complete list, showing which system is compatible with the various car makes and the installation boards of the various vehicles, on our web site metasystem.it.

^Δ The trademarks indicated above are the property of their respective holders.

Sirens



M03 : piezoelectric siren with ORM technology and high acoustic pressure (>114dB).



M04 : piezoelectric back-up battery siren featuring two-way code communication, lithium batteries for back-up operation down to -20°C and battery charge diagnostics.

H.P.B.

Modular alarm system for vehicles with original door-locking remote control (model 4.5 is shown in the illustration)



Control unit for vehicles with original central door locking remote controls. Directly interfaces with the vehicle's original signals and protects against all attempts to tamper with the system. Volumetric protection (which can be excluded), the car jacking prevention function, the emergency override code (can be customised), countless programming options and the vast range of sirens (with or without back-up battery powering) available, result in a series of vehicle-specific kits that can satisfy the most varied demands.

An excellent price/features ratio, together with the intrinsic reliability of modular products, place it at the top of its category.

FEATURES	H.P.B. 3.5	H.P.B. 4.5	H.P.B. 4.0.2	H.P.B. 4.5.1
ARMING/DISARMING				
Vehicle's original remote control	•	•	•	•
Automatic arming of immobiliser alone (can be selected)	•	•	•	•
Automatic arming of immobiliser and alarms (can be selected)	•	•	•	•
Automatic rearming – can be selected	•	•	•	•
Emergency override code (can be customised)	•	•	•	•
Electronic emergency key. Random Rolling Code	OPT	OPT	—	•
ANTI-THEFT DEVICE				
Engine immobiliser relays (10A)	•	•	•	•
Coded output (Random Rolling Code) for external immobiliser piloting	—	—	•	—
THE ALARM: protection and signals				
Protection of doors/bonnet/boot (negative input) - 3 separate wires	•	•	•	•
Auxiliary protection (positive input) – can be by-passed by +15 dashboard lead	•	•	•	•
Digital ultrasonics with programmable sensitivity adjustment (Low/High) – can be by-passed by +15 ignition lead	•	•	•	•
Current drop sensor – can be selected	•	•	•	•
Ignition positive sensor	•	•	•	•
Automatic or programmable anti car-hijacking function (can be selected): arms alarm and reduces speed	•	•	•	•
Buzzer – can be selected	•	•	•	•
Arming/disarming blinker – can be selected	•	•	•	•
Siren	M03	M04	M04	M04
Continuous/alternating output for siren/horn control – (negative output) – can be selected	•	•	•	•
SERVICES				
Windscreen LED for status signalling, with alarm memory.	OPT	OPT	—	•
Button/LED for status signalling, alarm memory, override code entry	•	•	—	—
'Key4' keypad for ANTI CAR-JACKING and OVERRIDE code	OPT	OPT	•	—
Electronic key receptacle with button for customising the product	—	—	—	•
Window winding module control (M2008) - (positive output)	•	•	•	•
Window raising by-pass function with button /LED or keypad	•	•	•	OPT
Bypassing of US and AUX input by ignition key	•	•	•	•
Garage function: temporarily bypasses automatic arming function	•	•	•	•
Signals when vehicle battery is flat	•	•	•	•
Signals siren M04 battery status	—	•	•	•
Signals when doors/bonnet/boot are open on arming – can be selected	•	•	•	•

— = NOT AVAILABLE • = AVAILABLE AS OPT = AVAILABLE ON REQUEST



Emergency key kit

Electronic device for emergency disarming of alarm system: ease of use together with a high degree of protection thanks to the Random Rolling Code with over 18 billion billion combinations that change every time the system is activated.



Key4 keypad

Simplifies OVERRIDE code entry and allows the anti-hi-jacking function to be used with the CJ1 procedure (ASSURALIA Belgium type approval). Failure to enter this code triggers off an alarm cycle with gradual speed reduction. Standard supply with model 4.0.2.



Anti-hi-jacking button

Device required for use of automatic and intentional anti-hi-jacking functions. Incorrect use of the button generates an alarm cycle and gradually reduces the engine speed.



M163

Adapter module for odometer signal. Allows low level positive and negative signals to be recognised.



Window LED kit

Kit consisting of LEDs with support for fitting to windows and an electronic emergency key complete with relative receptacle. This kit, which is standard supply with model 4.5.1, replaces the button/LED of the other models.