

SKYBRAKE DD2

Special features

Skybrake DD immobilizers are highest level security devices. Long term experience, knowledge in advanced technologies and solutions has lead Skybrake to develop Skybrake DD 2 immobilizers.

Depending on constant product developing, market researches and conversation with partners and customers Skybrake has created the most sufficient product for vehicle security.

Special features of the product are created for use of insurance companies, product users and system installers.



Extra small size

Compatible with hybrid and electric cars

Records and stores data of vehicle

Double Dialogue solution

Minimum interference in the car electronics

Compatible with other Skybrake products

Small power consumption

17 years experience in vehicle electronics

Extra small size

Skybrake DD 2 blocking module and Personal Transceiver (PT) are very small in size. Small size of blocking module lets to hide it in one of many different places, where it can be attached. That means that even in identical cars it is installed in different place. That increases the level of security.

Small size of Personal Transceiver lets to operate and manage system very easily and unnoticeably. Small size of personal transceiver lets to keep it in to the wallet or pocket. That increases the level of security.

Hybrid and electric cars

Skybrake DD 2 immobilizers are compatible with hybrid and electric cars as well as regular cars due to its technical specification and installation.

Records and stores data of vehicle

Skybrake DD 2 personal transceiver records and stores data of vehicle. Installing the system in vehicle via programmer it is possible to record data:

1. VIN of the car
2. Make and model
3. Installer / adjuster of the system
4. Installation time

Recorded data is undeletable.

Double Dialogue solution

Double Dialogue solution is Skybrake invented conversation between modules. PT and blocking module "speaks" all the time, if blocking module does not receives message from PT, the car stops and it is not possible to start the engine without PT. Double Dialogue conversation happens in 2.4 Ghz frequency and is so fast, that it is not possible to scan the conversation.

Minimum interference in the car electronics

Skybrake DD 2 installation are as easy as possible. This decreases the time of installation and decreases the needed interference in car electronic to install the device. Due to that Skybrake DD 2 needs minimum interference in the cars electronic.

Compatible with other Skybrake products

Skybrake DD 2 is member of Skybrake product family. Skybrake DD 2 can be enlarged using other Skybrake products, like GPS/GSM tracking system and CAN based alarm system.

Small power consumption

Skybrake DD 2 consumes small amount of energy. In stand-by mode it uses 0mA. That means, that vehicles battery won't charge out for supplying Skybrake DD 2.

17 years experience in vehicle electronics

Skybrake DD 2 is a security product which has been developed using 17 years experience of vehicle security systems, electronics and obtained knowledge. Skybrake experience and products have been evaluated by receiving different honours and prizes. Like, last 3 years in a row (2008 - 2010) Skybrake products have gotted in to the finalists of National Export and Innovation award (highest achievement 2nd place); Skybrake product has received Grand Prix in Great Britain as "The Best New/Innovative product for tractors" (2010); named as "The best security product for Toyota and Lexus" in Ukraine (2010); Skybrake DD reached 4th place as top sold 2.4 Ghz immobilizers in Russia and etc (2010); Skybrake products are suggested by Police departments of Great Britain and France etc.

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Technical specification

Skybrake immobilizers are an example of using the most advanced technologies and solutions such as Double Dialogue (DD) and achievements in micro electronics in car protection.

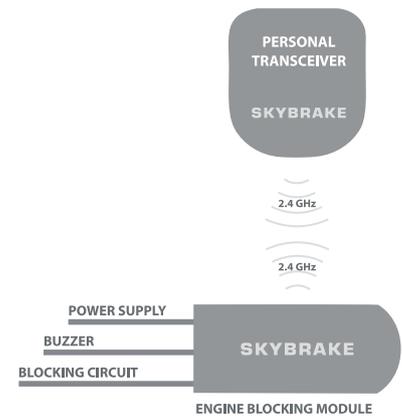
Skybrake DD immobilizers are independent car safety devices which prevent stealing of vehicles by blocking the engine.

Skybrake DD are specially created for insurance companies to provide the highest security level of insured cars and vehicles.

Skybrake DD immobilizers are managed via remote transceiver. The distance of operation and small size allows managing the system easily and unnoticeably.

Skybrake DD is convenient to use and effective in protection:

- No additional activities required of the driver
- Informs the driver on the system status
- Protects the vehicle in case of theft and hijacking
- Protects the vehicle if the car's keys are stolen or dispossessed



		DD2 (020114)
System management	Managed by personal transceiver (PT)	●
	Managed by wireless keypad	-
	Information exchange in the frequency 2,4 GHz	●
	DD technology for protection of the radio code	●
Protection functions	Anti-hijacking	●
	Number of engine cut-off circuits	2
	Sound alerts before engine immobilisation	●
	Integrated motion sensor	-
Other functions	Programming through a wireless programmer unit	●
	Minimum interference in the car electronics	●
	Protection against programming other PTs	●
	Option to add or delete another PT	●
	Blocker test function	●
	Low battery warning for PT	●
	Emergency system disabling (by PIN Code)	●
	Recording and storing information in the PTs memory	●
	Motion sensor ON/OFF	-
	Motion sensor sensitivity adjusting	-
	Anti-hijacking ON/OFF	●
Increase/decrease engine immobilization time	●	
Technical specifications	Power supply, DC	6-15 V
	Power consumption with ignition OFF	0 mA
	Power consumption with ignition ON	12 mA
	Power consumption with ignition ON, engine immobilized	65 mA
	Radio frequency range	2.400 – 2.479 GHz
	PT's operating range	~ 5m
	PT's battery type	3V CR2430
	PT's battery life	~ 1 year
	Operation temperature	- 40 ... + 85
	Internal cut-off relay	15 A
	Personal transceiver	49 x 41 x 5,5 mm
	Central module	72 x 25 x 8 mm
	Keypad	-