



TAUSEC s.r.o.

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GUARDIAN CAR 200

Guardian Car is a 12V **200W portable electronic siren** designed especially for the requirements of the **Civil Protection** and **Crisis Management** authorities. In principle, it is a megaphone and a car siren with some modifications. It has full PA ability, **large area coverage**, integrated **USB .mp3 player** and wireless microphone for 30m.



Portable siren

- 12V DC power input
- 200W / 40hm audio output
- 99 audio files stored in USB memory
- 30m wireless microphone
- AUX input
- heavy duty case with **IP67** protection

Flexibility

- can be used on any car available
- flexible PA with 200m area cover ability
- replays pre-recorded .mp3 audio files
- custom speakers, magnetic fixing

Civil Protection



Local Authorities



Army





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GC200 System description

Guardian Car 200 system consists of 2 basic modules - control case with electronics and lightbar with speakers. Both modules are designed to be quickly deployed on any car or other vehicle available. System is connected to **12V car battery**. Lightbar is positioned on the car roof or any other flat surface. Lightbar can be equipped with **magnetic clamps** allowing it to quickly attach and detach it to any flat metal surface.



Technical data	
Control case dimensions	37,6 x 26,3 x 15,2 cm
Car roof connection	according to the car type
Control case weight	7kg
Lightbar weight	7-15kg depends on type
Power supply	12-14V DC
Current standby/horns active	200mA / 800mA
Current max.	30A
Amplifier power	350W
Output power	200W / 40Ohm
Acoustic output at 1m eff./max.	115dB(A)/136dB(A)
Acoustic frequency	400-1600Hz
Wireless microphone range	30m
Control case protection	IP67 (closed)
Lightbar protection	IP56
No.of alarms	99
Operating temperature	-20 ... 50°C



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GC200 Disaster management

With GC200 portable siren you can get **professional PA equipment** to places **where other alarming is not installed nor possible to install**. In case of emergency, the Guardian Portable Siren can be employed anywhere!

Imagine disasters like **floods or forest/bush fires**. The authorities can now deliver **warning and notification** to any place affected by disaster. The evacuation can be quicker and more accurate. The Guardian Portable Siren can be also used in **emergency field camps** as PA equipment to organize the refugees.

GC200 Key features



Wireless microphone

Allows the operator to use the GC200 also outside a car within 30m radius.



Battery power

Means power independent. Siren can be supplied from any 12V DC car battery with current output 30A.



Portable lighting

As option, the white side lights can be attached to a lightbar allowing it to serve as portable light source.



USB MP3 Audio player

All alarms and warning messages are stored in the USB memory stick as .mp3 audio files.



Magnetic fixing

Lightbar with magnetic clamps can be quickly assembled and disassembled which increases the system flexibility.



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GC200 Options and possibilities

Lightbar

- different lengths: short 0.5m or long 1m lightbar
- custom color of plastic cover: red, blue, orange, yellow, black, green
- beacons: rotary or strobe (LED beacons in development)
- white side lights: portable lighting, optional
- various car roof connections : permanent or temporary (magnet)
- different speakers: standard 2x100W omnidirectional



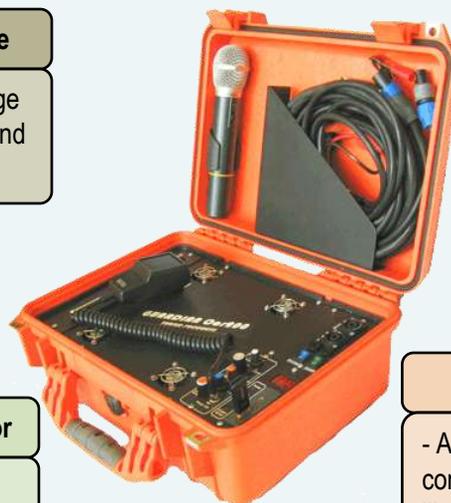
GC200 Control case

Voice recording module

- allows to record a message using in-built microphone and replay it in loop

Electronic tone generator

- generates different alarm tones like ambulance, police and fire-brigade tones



Radio control module

- with this module it possible to start 1 alarm using radio connection

AUX input

- AUX external audio input is used to connect external source of audio signal like CD player, radio transmission or other PA system

Important note!: the system is modular, it is possible to use only GC200 with custom 12V DC/30A power supply and/or with custom speakers 2x100W/4Ohm option



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GC200 easy assembly

1. put the speakers on the car roof



2. connect the speakers



3. connect the GC200 unit to the 12V DC car battery



4. connect the GC200 unit to the speakers



5. siren is ready in 2 minutes!

