

Ears and Eyes

With Pictures

Ears and Eyes, With Pictures

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notrace.how/earsandeyes/changelog.html

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About Ears and Eyes

The *Ears and Eyes* project is a searchable database of cases of physical surveillance devices (microphones, cameras, location trackers...) hidden by law enforcement and intelligence agencies to surveil people or groups engaged in subversive activities. Our goal is to help the potential targets of such surveillance practices to better understand and resist them.

Overview

This section provides a brief overview of the surveillance devices included in the database. It is intended to answer common questions a reader may have about such devices.

When are they installed?



Microphones found inside a power outlet in a building in Bologna, Italy, in January 2018¹.

Hidden physical surveillance devices are typically used by law enforcement and intelligence agencies to obtain information about a target when traditional surveillance methods are insufficient. For example, if a suspect never talks about sensitive topics on the phone—making the monitoring of their phone useless—law enforcement may resort to installing a hidden microphone in the suspect's home, in the hope of capturing interesting conversations. In many countries, the installation of such devices is regulated by law and must be approved by a judge.

Devices are often installed for long-term surveillance, and may remain in place for weeks, months, or years before being removed or, in some cases, discovered by the people under surveillance. They can also be installed for short-term surveillance of specific events.

Where are they hidden?

¹<https://notrace.how/earsandeyes/#bologna-2018-01>



Microphones and a GPS tracker found in the fuse box of a car in Lecce, Italy, in December 2017².

In buildings

Microphones and cameras can be installed in buildings to surveil what goes on inside. Such devices have been found:

- Inside objects: electrical outlets, ceiling lights, air vents, power strips, intercom systems and electric meters.
- Inside furniture: an amplifier, a television, a printer and a kitchen hood.
- Behind walls, ceilings, and floors.

Microphones and cameras can also be installed in buildings close to the actual place under surveillance. Typically, they are installed behind windows so that they can monitor the place under surveillance, its main entrance, or the way leading to it.

In vehicles

Microphones and location trackers can be installed in all types of vehicles: cars, trucks, motorcycles, bicycles, etc. Such devices have been found:

²<https://notrace.how/earsandeyes/#lecce-2017-12>

- In parts of vehicles that are accessible from the outside: inside a wheel, in a spare wheel bracket, on a rear bumper, behind a horn grid, behind a battery ventilation grid, or inside a bicycle seat. They are sometimes held in place with magnets.
- Inside vehicles: between a car body and its interior coating, inside a car ceiling, in an interior air vent, inside a car seat head, behind a speedometer or inside a fuse box.

Other

Microphones and cameras can also be installed outdoors. Such devices have been found:

- In urban environments: in streets surrounding places under surveillance, including inside a fake electrical box³ or inside a fake rock⁴.
- In rural environments, hidden in vegetation.

How do they work?



A device equipped with a SIM card found in a vehicle in Italy, in August 2019⁵.

Power supply

Devices require a power supply, which can be either a battery or the electrical system of the building or vehicle in which the device is installed, or both. In rare cases, they may be powered by Power over Ethernet (PoE).

To save battery power and make it harder to detect them, the devices may not be powered on all the time. Some microphones can turn on only when there is sound. Some cameras can use an infrared sensor to turn on only when there is motion. Some location trackers installed on vehicles can turn on only when the vehicle is turned on, or only when it is moving by using a motion sensor.

Data collection

Different devices can collect different kinds of data:

³<https://notrace.how/earsandeyes/#torino-2014-02>

⁴<https://notrace.how/earsandeyes/#cuneo-2019-06>

⁵<https://notrace.how/earsandeyes/#italy-2019-08>

- Microphones can record sound.
- Cameras can record images. Some cameras have infrared vision, allowing them to “see in the dark”.
- Location trackers can record their geographical location. They usually use the Global Positioning System (GPS), allowing them to record their location almost anywhere on the surface of the Earth. In rare cases, devices equipped with SIM cards can record their own location by connecting to the mobile phone network and using the cell towers they connect to as geographic references.

Data storage

There are two cases:

- Many devices have internal storage, such as an SD card. This allows them to store the collected data so the spies don't have to continuously retrieve it.
- Some devices have no internal storage. They cannot store the collected data, which must be continuously retrieved by the spies, or it will be lost.

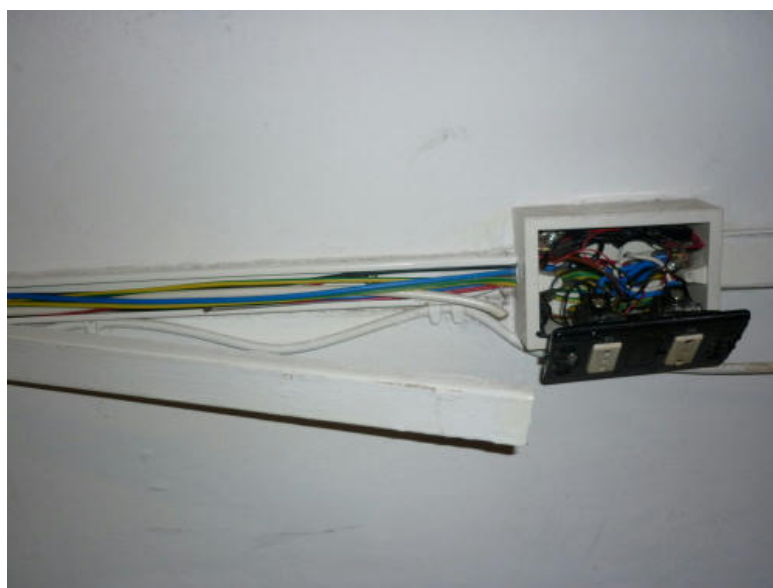
Data retrieval

Data collected by a device must be retrieved by the spies at some point. There are several techniques:

- Most devices are equipped with SIM cards, allowing them to send the collected data over the mobile phone network.
- In rare cases, devices are equipped with radio transmitters, allowing them to send the collected data over arbitrary radio frequencies. This technique requires another device, a receiver, to be nearby to receive the signal—the receiver can be hidden in a building or in a vehicle belonging to the spies.

If a device has internal storage, the spies can retrieve its data by physically accessing it.

How to find them?



A dismantled electrical outlet in which a microphone was found, in Lecco, Italy, in October 2010⁶.

First, devices can be found by manually searching for them in the location, vehicle, or outdoor environment suspected to contain hidden surveillance devices. If devices are suspected to have been recently installed, it can be helpful to look for things that are out of place, such as objects or furniture that may have been moved when the devices were installed. It can be helpful to have the right tools, for example to dismantle electrical outlets in a building or to dismantle the interior of a vehicle. If a device is found, it is important not to stop there: there may be others!

Detection devices can be purchased at specialty stores or on the Internet. Such devices include:

- Radio frequency detectors to detect devices that are transmitting data on radio frequencies at the time of detection.
- Camera lens detectors to detect cameras.

Professional equipment—spectrum analyzers, non-linear junction detectors, thermal imaging systems—can be more effective, but is very expensive and complex to use. It is also possible to pay a specialized company to search for hidden devices, but this is also very expensive, and such companies sometimes have strong ties to local authorities.

Methodology

To be included in the database, a case must meet the following conditions:

- A minimum amount of information must be available about the devices, such as where and when they were used, what they looked like, etc. The mere mention of a device in a news article or investigative file is not sufficient.
- The devices must have been installed or operated by a law enforcement or intelligence agency—or by a private company or militia acting as a law enforcement or intelligence agency.
- The devices must have been targeted at individuals or groups engaged in subversive activities. This specifically excludes devices that target government agencies or commercial companies.
- There must be a high likelihood that the case is real and not staged. We assess this likelihood based on our knowledge of how law enforcement and intelligence agencies operate and our experience with subversive networks.

For each case, the following information is provided where possible:

- The type of devices, the location and date they were discovered, and their components.
- Pictures of the devices.
- Additional relevant files, such as user manuals for the devices.
- Sources used to provide this information.

⁶<https://notrace.how/earsandeyes/#lecco-2010-10>

Belgium

In buildings

Brussels, May 2011

A **camera** was found at two anarchists' houses. The device was placed **in the kitchen, behind a small air vent**. It consisted in a camera, linked to a rather large battery made of 3 tubes of 4 batteries of 14.4 volts. The battery was behind the sink. Between the battery and the rest of the device was what seemed to be a switch, that could be manipulated remotely. The camera was connected to a small black box that served as an encoder. This encoder, type "Micro View Lock" (Ovations Systems), was in turn connected to what may have been an antenna to transmit images on 1.4 GHz. There was no SIM card. The camera was pointed towards the kitchen table. It was not known if it also contained a microphone. The camera was secured with magnetic elements. On almost all elements "CS" stickers were affixed. "CS" indeed matched the code of the Logistics Department of the Federal Police.

Pictures



Sources

Sources⁷, translations⁸.

⁷<https://secoursrouge.org/Bruxelles-Video-cachee-chez-deux>

⁸<https://sysiphus-angrynewsfromaroundtheworld.blogspot.com/2011/05/brussels-belgium-hidden-camera.html>

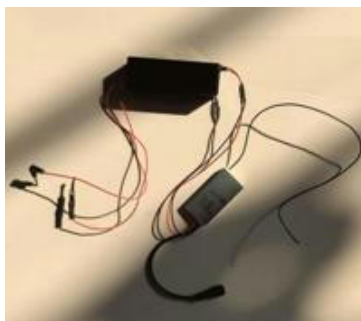
China

In buildings

Beijing, October 2015

Listening devices were found in the home of an activist. They were hidden **in electric sockets**.

Pictures



Sources

Sources⁹.

⁹<https://hyperallergic.com/242008/big-brother-is-bugging-ai-weiwei>

France

In vehicles

Besançon, March 2021

A **GPS tracker** was found under a car. It was located **in the lower right body frame**. In September 2020, the owner of the vehicle had been accused as part of an investigation into the arson of several cell towers, before being cleared and released. The device was installed since May 2020, according to the cops.

Sources

Sources¹⁰, translations¹¹.

Grenoble, April 2023

An **AirTag**—a tracking device marketed by Apple—was found **taped under a bike**. It had a diameter of about 3.5 centimeters.

Sources

Sources¹².

Unknown location, March 2011

A **geolocation device** was found in the car of members of a support committee to the defendants in the Tarnac affair (in trial for the sabotage of a high-speed train catenary which took place in 2008). The device was placed **behind the car battery ventilation grids**. It consisted in a small black case of 9 by 5 centimeters, connected with wires to the car electrical system. Inside, two printed circuit boards including a passive antenna, a geolocation device branded Navman and an Orange SIM card to transmit the data.

Sources

Sources¹³.

In buildings

Grenoble, August 2018

A **microphone** was found in the squat Awhanee. It was located **in a multi-socket adapter**. The device contains a printed circuit board and a battery. It seems that the device was installed during a house search by cops earlier in the month.

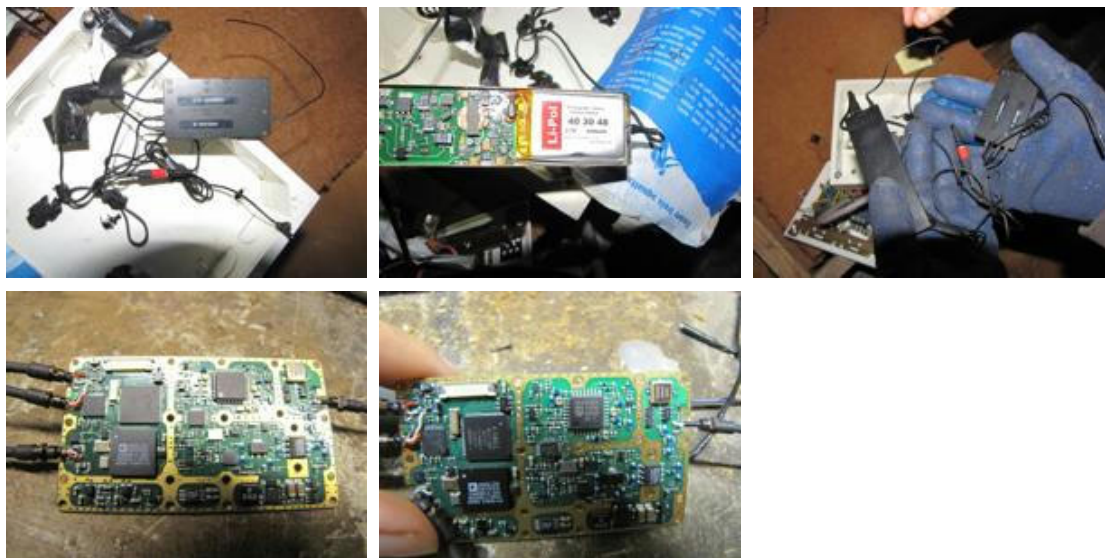
Pictures

¹⁰<https://radiobip.fr/site/blog/2021/04/16/besancon-anarchiste-il-trouve-un-mouchard-sous-son-vehicule>

¹¹<https://earsandeyes.noblogs.org/post/2021/04/22/a-gps-tracker-found-under-a-car-in-besancon-france>

¹²<https://cric-grenoble.info/infos-locales/article/police-fachos-meme-tocards-meme-combat-2979>

¹³<https://www.lesinrocks.com/2011/05/04/actualite/affaire-de-tarnac-la-surveillance-policiere-prise-en-flag-1115752>



Sources

Sources¹⁴, translations^{15 16}.

Paris, September 2015

A **surveillance device** was found in the “Plaisir d'enfance” Montessori school **just in front of the anarchist library La Discordia**, in a storage room on the first floor **overlooking a window in front of the library**. The device took the form of a “cardboard folder”. The device was in a rectangular casing about 40x25x25 cm in hard plastic, loud (because of fans), and plugged into the power supply (without batteries). The casing had a hole of about 4 cm in diameter for the camera, with three cables coming out at the end, two of which were tipped antennae (probably sound sensors) and a third a small square sensor. Inside the box advanced technological equipment was found: a wireless router with two SIM cards (from the “Bouygues” mobile operator), a GPS module, three cell inputs, one stereo input ; a processor ; a telephone device with an Orange SIM card; a camera with two zoom levels, remote controlled; and other types of materials that could not be identified. The device was in place at least since the second week of July 2015.

Extra files

- paris-2015-09.zip¹⁷: additional pictures of the devices.

Pictures



Overview



Camera



Open

¹⁴<https://earsandeyes.noblogs.org/fr/post/2019/01/16/micro-grenoble-aout-2018>

¹⁵<https://earsandeyes.noblogs.org/post/2019/01/16/bug-grenoble-france-august-2018>

¹⁶<https://anarhija.info/library/grenoble-francia-foto-della-microspia-trovata-in-uno-squat-it>

¹⁷<https://notrace.how/earsandeyes/extra-files/paris-2015-09/paris-2015-09.zip>



Router



Antennas

Sources

Sources¹⁸, translations¹⁹ ²⁰.

Paris, April 2022

An **audio surveillance device** was found **in the Libertad anarchist library in Paris, France**. The device was hidden **inside the printer-copier of the library**. It was composed of two microphones, an antenna, a transformer, a battery, a small box containing an electronic card, a 64 GB SD card and a SIM card from the cell phone provider Orange. According to the communique which announced the discovery of the device, it was a surveillance device of model RB800 marketed by the Italian company **Innova**.

Analysis of the SD card revealed that :

- The device was equipped with a 'voice activation' function, i.e. it only activated when its microphone picked up a sufficiently high sound level. In the month and a half prior to its discovery, it was activated 2,061 times, with a minimum activation duration of 58 seconds, a maximum duration of 12 hours and an average duration of 10 minutes.
- When the device was 'activated' by the sound level, it transmitted data over the telephone network (presumably the audio data captured by its microphone), generally at a rate of a few KB/s, with peaks of 100 KB/s.
- The temperature of the device varied between 14°C and 50°C, with an average of 22°C. Its temperature rose sharply when it was transmitting data.

Extra files

- RB800-en.pdf²¹: product description of the RB800 device (in English).
- RB800-fr.pdf²²: product description of the RB800 device (in French).

Pictures

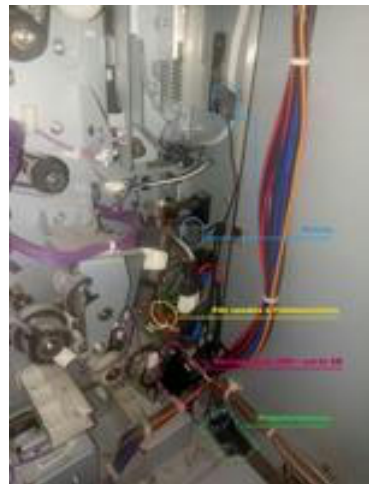
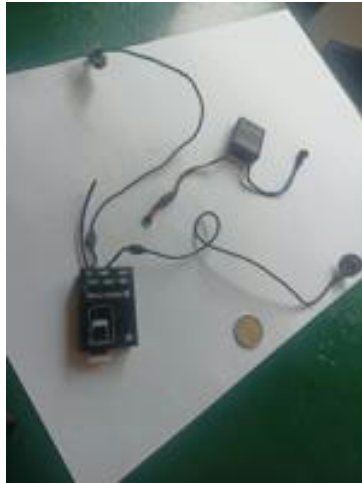
¹⁸<https://attaque.noblogs.org/post/2015/10/08/a-propos-dun-dispositif-de-surveillance-trouve-documente-et-detruit-a-paris>

¹⁹<https://attaque.noblogs.org/post/2015/10/12/about-a-monitoring-device-found-authenticated-and-destroyed-in-paris>

²⁰<https://attaque.noblogs.org/post/2015/10/12/parigi-a-proposito-di-un-dispositivo-di-sorveglianza-trovato-documentato-e-distretto>

²¹<https://notrace.how/earsandeyes/extra-files/paris-2022-04/RB800-en.pdf>

²²<https://notrace.how/earsandeyes/extra-files/paris-2022-04/RB800-fr.pdf>



Blue: microphones; Yellow: wires soldered to the power supply; Pink: small box with SIM card + SD card; Green: transformer





Sources

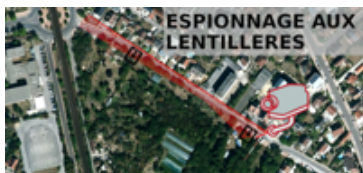
Sources^{23 24}, translations²⁵.

Other

Dijon, October 2022

Two cameras were found in the streets, near self-managed political places. Each camera was **in a box attached to an electric pole**. They were able to film the entrances and surroundings of the places. They were present—possibly on and off—since 2019. After the discovery of the first camera, the second one was removed by the State intelligence services.

Pictures



Sources

Sources²⁶.

²³<https://bibliothequelibertad.noblogs.org/post/2022/04/02/un-micro-trouve-a-la-bibliotheque-anarchiste-libertad>

²⁴<https://lille.indymedia.org/spip.php?article35825>

²⁵<https://actforfree.noblogs.org/post/2022/04/13/parisfrance-text-by-some-of-the-participants-at-the-libertad-anarchist-library>

²⁶<https://dijoncter.info/surveillance-policiere-des-cameras-decouvertes-aux-tanneries-et-aux-lentilleres-4299>

Sarthe, September 2018

Three outdoor surveillance cameras were found outside, at an event organized in support of a struggle against a project of nuclear waste burying center. The cameras were all located **along a 250m pathway leading to the event place**. Two cameras of model BOLYGUARD MG983G were found **laying in the grass and in a bush, 80cm above ground** and were covered by a kind of camouflage hairnet. The third camera, of model RECONYX HYPERFIRE SM750, was found **on a tree trunk, 1m20 above ground** and had a khaki color. The contents of the SD memory cards revealed several things: the devices were placed on the same day very early in the morning (between 3h30 and 4h); the three devices were capable of night vision, two of them were configured to take pictures and one to record video and sound; their placements allowed them to take pictures of the front and back license plates of cars driving on the pathway, and also of people following the pathway by foot; one of the cameras was useless because of leaves in its field of vision.

According to the source that reported the discovery of the cameras, the cameras that were found were marketed by the companies **RECONYX** and **Boly**, based in the United States.

Extra files

- BOLYGUARD-MG983G-en.pdf²⁷: user manual of the BOLYGUARD MG983G camera (in English).
- BOLYGUARD-MG983G-fr.pdf²⁸: user manual of the BOLYGUARD MG983G camera (in French).
- RECONYX-HYPERFIRE-en.pdf²⁹: user manual of the RECONYX HYPERFIRE camera (in English).

Pictures



One of the two cameras of model BOLYGUARD MG983G

Sources

Sources³⁰, translations^{31 32}.

²⁷<https://notrace.how/earsandeyes/extra-files/sarthe-2018-09/BOLYGUARD-MG983G-en.pdf>

²⁸<https://notrace.how/earsandeyes/extra-files/sarthe-2018-09/BOLYGUARD-MG983G-fr.pdf>

²⁹<https://notrace.how/earsandeyes/extra-files/sarthe-2018-09/RECONYX-HYPERFIRE-en.pdf>

³⁰<https://earsandeyes.noblogs.org/fr/post/2018/12/10/cameras-surveillance-exterieures-journee-de-soutien>

³¹<https://earsandeyes.noblogs.org/post/2018/12/10/outdoor-surveillance-cameras-support-day-france>

³²<https://earsandeyes.noblogs.org/it/post/2019/04/25/telecamera-di-sorveglianza-iniziativa-benefit-sarthe-francia>

Sevreau, March 2022

A surveillance camera was found at the entrance of the village, pointed towards the home of an environmental activist. The camera, barely emerging from the ground, was covered with brambles and grass. It was connected to a Pepwave router and to two cases containing high-tech lithium batteries labeled Accuwatt, hidden in a ditch, under a tarp and a camouflage net.

High-technology batteries found alongside the cameras were marketed by the company **Accuwatt**, specialized in batteries for armies and law enforcement agencies.

Pictures



Sources

Sources³³.

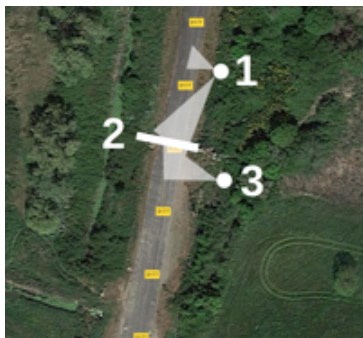
ZAD du carnet, August 2020

Four cameras were found near the “ZAD du Carnet”, a place of struggle against the creation of an industrial area, in Loire-Atlantique, in the west of France. The four cameras, hidden **near an access gate to the area**, were camouflaged **in a fake tree log and fake stones**. They filmed continuously and were connected, via buried cables, to large batteries and modems, also concealed, allowing images to be sent directly to a remote station. The mention “Allwan” was visible on some of the images found, as well as on a label on a camera. The cameras were found on August 31, and appeared to have been installed right before a “weekend of resistance” organized there on August 29 and 30.

The mention “Allwan”, visible on images found on the devices, as well as on a label on a camera, suggests that the devices were supplied by the French company **Allwan Security**.

Pictures

³³<https://attaque.noblogs.org/post/2022/03/18/sevreau-deux-sevres-les-yeux-indiscrets-de-la-flicaille-scrutent-les-oppasant-e-s-aux-bassines>



1: first camera group; 2: portal; 3:
second camera group

Sources

Sources³⁴, translations³⁵.

³⁴<https://earsandeyes.noblogs.org/fr/post/2020/11/14/des-cameras-retrouvees-a-la-zad-du-carnet-en-aout-france>

³⁵<https://earsandeyes.noblogs.org/post/2020/11/14/cameras-found-in-the-zad-du-carnet-in-august-france>

Germany

In vehicles

Bad Oldesloe, March 2007

A **GPS tracker** was found under the car of an anti-fascist activist. The device was **attached with magnets under the rear bumper**. It was equipped with a battery. When it was discovered, it was flashing a green light at short intervals.

Sources

Sources^{36 37 38}.

Berlin, July 1988

A **tracking device** was found under the car of a person under investigation for burglaries. It was **attached with two magnets**. It was a small box with an antenna.

Sources

Sources³⁹.

Berlin, May 2007

A **GPS tracker** was found in a car. It was **attached with strong magnets in the front wheel well on the passenger's side**. It contained a set of high-power batteries, a GPS receiving antenna, a module for data processing and a mobile radio transmitting module with a transmitting antenna. The whole thing was wrapped with black tape. The device was planted by the BKA (Bundeskriminalamt, Federal Criminal Police Office).

Pictures



Sources

Sources^{40 41}.

³⁶<https://taz.de/Archiv-Suche/!307476>

³⁷<https://taz.de/Archiv-Suche/!829480>

³⁸<https://taz.de/Kieler-LKA-will-Wanze-zurueck/!5183196>

³⁹<https://taz.de/Archiv-Suche/!1843977>

⁴⁰<https://de.indymedia.org/2007/05/176790.shtml>

⁴¹<https://de.indymedia.org/2007/07/186639.shtml>

Berlin, November 2020

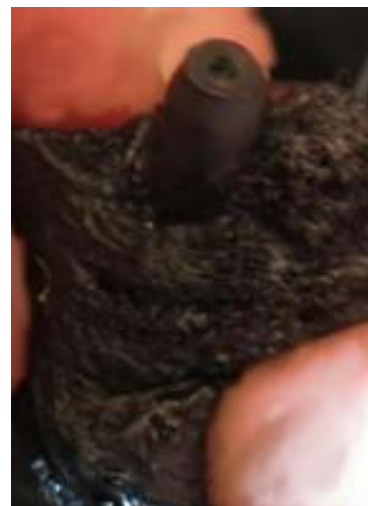
A GPS tracker and a microphone were found in a car. The two devices were installed separately, **each in one of the front seat headrests**. The headrests were opened and glued back together after the bugs were installed. Both devices were equipped with two batteries each. The first device, which was apparently the control unit, was equipped with a GSM module to send GPS data and recorded audio files to the cops via the SIM card. On the control unit itself, there was a GPS/GSM antenna, the connection to the batteries and a microphone. Inside the device, a SIM card from “Deutsche Telekom” was found. The second device seemed to be the actual audio monitoring device. It also had a battery connection, a smaller antenna and two microphones, which had been glued into the holes for the seat support, with anti-vibration padding. This device was equipped with an SD card, but there were no more audio files stored in it. Apparently, the SD card was used as a storage medium for the operating system data and for temporary storage of the recorded data. According to what was known at the time of discovery, the GPS tracker was installed in August 2019 and the listening device intended for “internal surveillance of a vehicle” during or after September 2019. These devices were obviously installed by the federal criminal police (BKA) in order to retrieve information on the persons accused in the present “criminal association” proceedings.

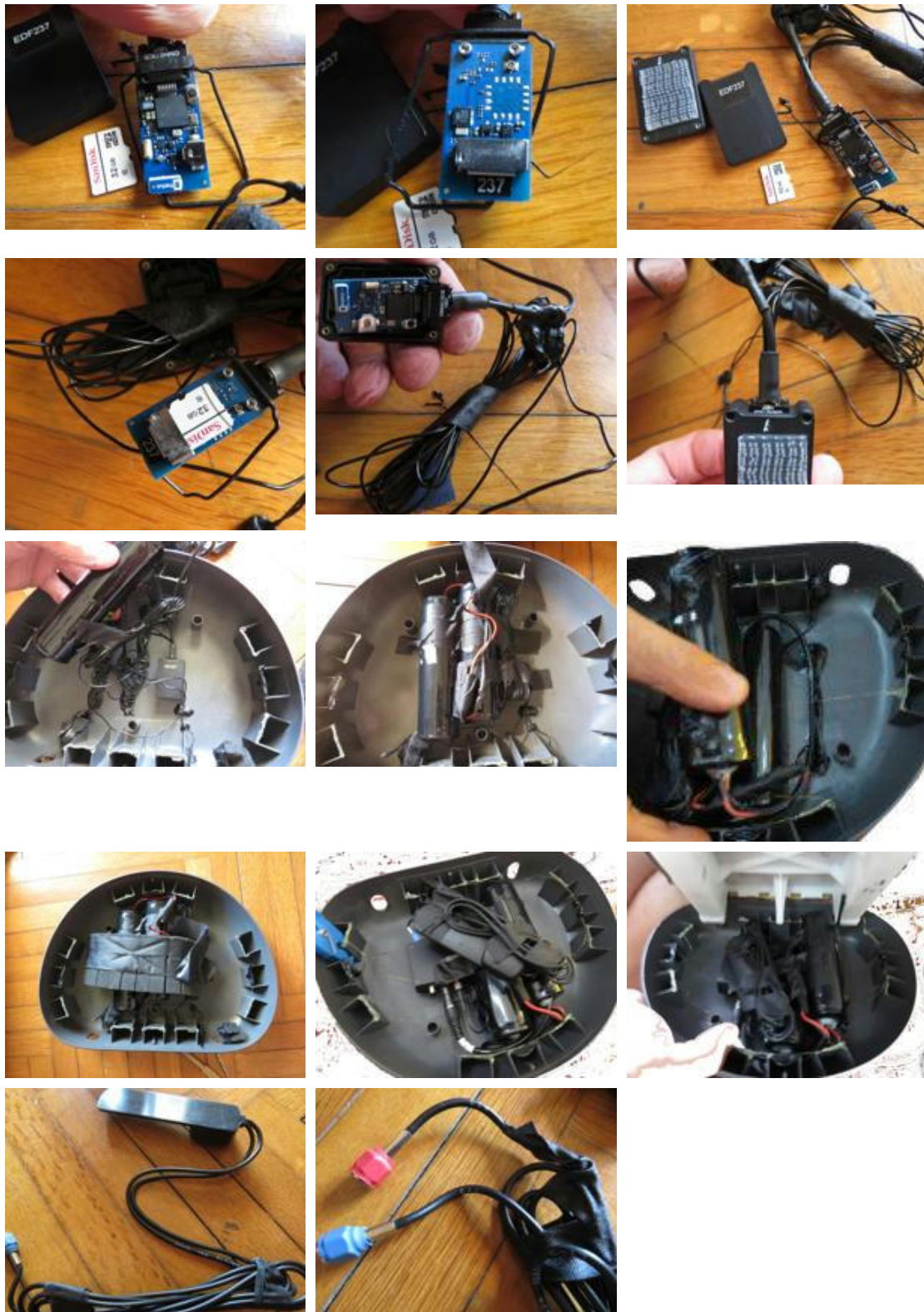
Pictures



1: control unit; 2: batteries; 3: GPS antenna; 4: microphone; 5: SIM card

2: two batteries of the listening device; 4: microphones connected to the listening device; 6: dismantled listening device; 7: SD card





Sources

Sources⁴², translations^{43 44}.

⁴²<https://kontrapolis.info/823>

⁴³<https://earsandeyes.noblogs.org/post/2020/11/07/a-gps-tracker-and-a-microphone-found-in-a-car-in-berlin-germany>

⁴⁴<https://attaque.noblogs.org/post/2020/11/06/berlin-allemande-sur-le-mur-est-a-laffut-un-petit-mouchard-retrouve-dans-une-voiture>

Berlin, August 2022

Two GPS trackers were found under a vehicle (the second one was found a few days after the first one was found and removed). They were **attached with strong magnets in a hollow space between the plastic covering of the bumper and the body, precisely behind the left rear wheel**. Each tracker consisted of two metal cases connected by a cable. The first one contained a battery pack, and the second one the tracker itself, including a smaller battery, two antennas, and a SIM card.

The pictures of the device show that a tracker of model NavKos T, marketed by the german company DESAG Telematic, was part of the device. This suggests that the device was supplied by the german company **DESAG Telematic**.

Pictures





Sources

Sources⁴⁵, translations⁴⁶.

Bremen, August 2023

A camera was found in a minibus parked near the venue of an event organized by a left-wing political organization. It was installed **in the back of the vehicle, on a shelf, in a plastic crate, one side of which had been replaced by tinted glass**. The minibus was disguised as a craftsman's vehicle, with work equipment clearly visible, tools and empty coffee cups on the passenger seat.

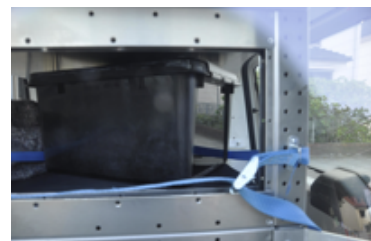
Pictures



The minibus, with a sheet attached to block the camera lens (1)



The minibus, with a sheet attached to block the camera lens (2)



⁴⁵<https://de.indymedia.org/node/215986>

⁴⁶<https://sansnom.noblogs.org/archives/13404>

Sources

Sources⁴⁷, translations⁴⁸.

Hamburg, May 2023

An **AirTag**—a tracking device marketed by Apple—was found on a scooter. It was hidden **inside the scooter seat cushion**, in which it was inserted through a slit apparently made with some sort of blade. It had an approximate diameter of 3 centimeters and a height of less than 1 centimeter.

Pictures



Sources

Sources⁴⁹, translations^{50 51}.

⁴⁷<https://de.indymedia.org/node/301694>

⁴⁸<https://attaque.noblogs.org/post/2023/09/04/breme-allemaigne-un-vehicule-de-surveillance-avec-une-camera-cachee-demasque>

⁴⁹<https://de.indymedia.org/node/277879>

⁵⁰<https://actforfree.noblogs.org/post/2023/05/19/hamburg-germany-de-en-tracking-technology-discovered-on-motor-scooter>

⁵¹<https://sansnom.noblogs.org/archives/16664>

Leipzig, May 2013

A **GPS tracker** was found under a car. It was **attached with magnets inside the rear bumper of the vehicle**. According to the article that reported the discovery, the device model was “G-PRSpack”. It contained batteries, a GPS receiver and a GSM module to send the collected data.

The “GPRSpack” device was developed as a collaboration between the BLKA (Bavarian Landeskriminalamt, State Criminal Police Office of Bavaria) and the German company **EBS Electronic**. In 2017, EBS Electronic, together with another company, became the German company **EBS-SYSTART**.

Extra files

- GPRSpack.pdf⁵²: usage guide of the GPRSpack device (in german).

Pictures



GPS tracker



GPS tracker



GPS tracker and antenna



GPS tracker open



GPS tracker open with SIM card



GPS antenna and SIM card

Sources

Sources⁵³.

Leipzig, November 2021

A **GPS tracker** and an **audio recording device** were found in a car. They were located **behind a panel of the front ceiling light**. They were connected by a power cable and drew their power from the supply line to the rear ceiling light. The GPS tracker contained, among other things, a GPS receiver “u-blox MAX-M8”, a card slot with a 16 GB microSD card, a cellular chip “u-blox LISA-U230” along with a Telekom SIM card, as well as a removable three-pin antenna module. The audio recording device contained a voltage converter, a 3.7 V, 550 mAh lithium-ion battery, and a small circuit board which included a 32 GB microSD card and the “NN01-104” antenna from the company Ignion (formerly “Fractus”). The audio recording device tapped into the

⁵²<https://notrace.how/earsandeyes/extra-files/leipzig-2013-05/GPRSpack.pdf>

⁵³<https://de.indymedia.org/2013/05/345503.shtml>

hands-free system's existing microphone, which was located behind a cover above the rearview mirror.

Pictures





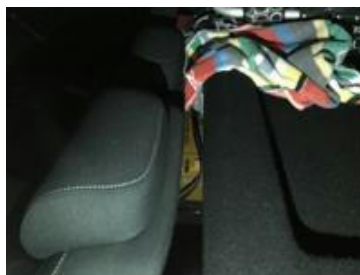
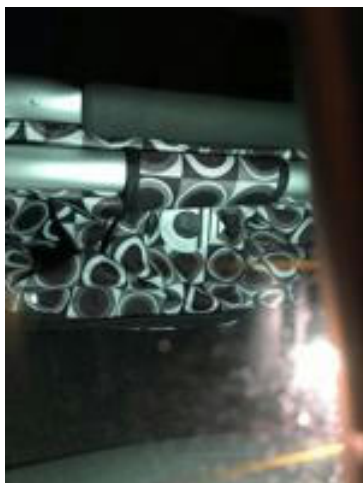
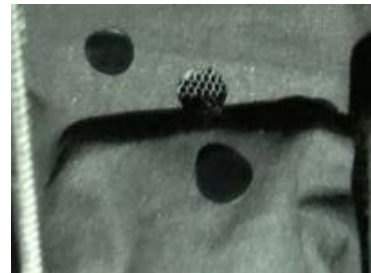
Sources

Sources⁵⁴, translations^{55 56}.

Leipzig, August 2023

Two cameras were found in a car parked on a street. They were installed **on the rear parcel shelf, in a basket and a bag respectively**. A set of cables, hidden under towels, led to the trunk of the vehicle. The camera lenses were aimed at a building entrance and a sidewalk.

Pictures



The car, on which signs were put to draw attention to the presence of the cameras (1)

⁵⁴<https://de.indymedia.org/node/160385>

⁵⁵<https://darknights.noblogs.org/post/2021/11/21/leipzig-germany-tracking-device-and-bug-discovered-in-car>

⁵⁶<https://attaque.noblogs.org/post/2021/11/20/leipzig-allemagne-une-balise-gps-et-un-micro-trouves-dans-une-voiture>



The car, on which signs were put to draw attention to the presence of the cameras (2)

Sources

Sources⁵⁷, translations⁵⁸.

Lübeck, April 2013

A **tracking device** was found under the car of a member of an antifascist group. It was hidden **in the wheel well of the car**. It was planted by cops from the Staatsschutz (“State security”). The owner of the car caught the cops while they were tampering with her car in the garage of her workplace.

Pictures



Sources

Sources^{59 60 61}.

Stuttgart, June 2013

A **GPS tracker** was found under the car of an anti-militarist activist. It was **attached with magnets under the right rear bumper**. It was the same model as the device found in Leipzig in may 2013, “GPRSpack”. It contained batteries, a GPS receiver and a GSM module to send the collected data.

The GPRSpack device was developed as a collaboration between the BLKA (Bavarian Landeskriminalamt, State Criminal Police Office of Bavaria) and the German company **EBS Electronic**. In 2017, EBS Electronic, together with another company, became the German company **EBS-SYSTART**.

Extra files

⁵⁷<https://de.indymedia.org/node/299420>

⁵⁸<https://sansnom.noblogs.org/archives/18566>

⁵⁹<https://linksunten.archive.indymedia.org/node/85148/index.html>

⁶⁰<https://linksunten.archive.indymedia.org/system/files/data/2013/04/1016690872.pdf>

⁶¹<https://taz.de/Staatsschutz-ueberwacht-Antifa/!5068472>

- GPRSpack.pdf⁶²: usage guide of the GPRSpack device (in German).

Sources

Sources⁶³.

In buildings

Berlin, July 2011

Several cameras were found **in the attic of a public school located in front of a recently evicted squat, overlooking the squat through the skylights.**

Pictures



Sources

Sources⁶⁴.

Bremen, December 2022

Three surveillance cameras were found in a building, pointing towards the entrance of a *wagenplatz* (a leftist political community where people live in trailers). They were located **in a locked room, on the sixth floor of a building close to the wagenplatz**—the building in question was vacant, except for the first floor which was occupied by a leftist cultural project. One of the cameras was a “Sony ISO 409600 Extreme Sensitivity 4K” with a high-grade “Sony SEL 600mm F4 GM OSS E-mount” telephoto lens. The two other cameras were IP cameras of model “Panasonic WV-S6131”.

All three cameras were connected to a “G-ST 500+/8R Gscope055” video management device marketed by German company Geutebrück, which was equipped with a Telekom SIM card and a 2 TB SSD. The SSD contained video files dated from November and December 2022 in the GBF (Geutebrück Backup File) format, which can only be opened with the company's proprietary software. There were three files per day, each of which could be assigned to a camera. The file sizes indicated long-term and continuous video surveillance.

Another drive located in the room (of model “Samsung Portable SSD T5”) contained additional GBF video files dated from September and October 2022, as well as two images taken by the IP cameras dated from August 2022 and showing the entrance of the wagenplatz, people and vehicles.

The whole installation was powered from a wall socket using an “Antrax SwitchBox-GSM” device which contained another Telekom SIM card, allowing the installation to be powered on and

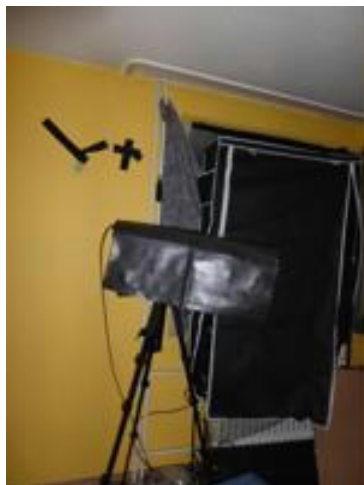
⁶²<https://notrace.how/earsandeyes/extra-files/stuttgart-2013-06/GPRSpack.pdf>

⁶³<https://de.indymedia.org/2013/06/345694.shtml>

⁶⁴<https://linksunten.indymedia.org/de/node/42743>

off through the mobile phone network. The IP cameras were powered by the video management device through Ethernet (using a “Delock Gigabit PoE+ Splitter” device).

Pictures



Sony camera (1)



Sony camera (2)



Sony camera (3)



Sony camera (4)



Sony camera (5)



IP cameras (1)



IP cameras (2)



IP cameras (3)



IP cameras (4)



IP cameras (5)



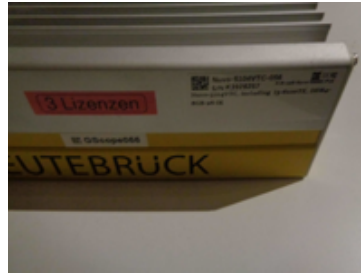
IP cameras (6)



Video management device (1)



Video management device (2)



Video management device (3)



Video management device (4)



Telekom SIM cards (1)



Telekom SIM cards (2)



Delock Gigabit PoE+ Splitter (1)



Delock Gigabit PoE+ Splitter (2)



Video management device SSD (1)



Video management device SSD (2)



Images on the other drive—censorship added after the fact (1)



Images on the other drive—censorship added after the fact (2)



Antrax SwitchBox-GSM (1)



Antrax SwitchBox-GSM (2)

Sources

Sources^{65 66}.

⁶⁵<https://de.indymedia.org/node/245569>

⁶⁶<https://de.indymedia.org/node/264148>

Freiburg im Breisgau, January 2014

A camera was found in a residential building close to a social center, in a small locked room on the 12th floor, overlooking the center's main entrance through a window. The camera was mounted on a tripod and powered by a socket in another locked room, through a cable laid outside across the roof. The residential building was located about 260 meters from the social center.

Pictures



The camera during the night



The camera during the day



Power cable on the roof



Power cable reaching the socket



The social center as it was viewed by the camera



Line of sight between the camera and the social center

Sources

Sources⁶⁷.

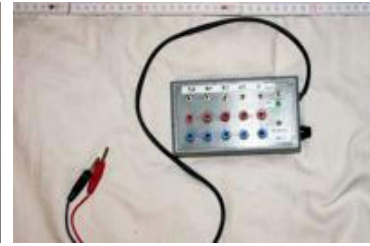
Leipzig, March 2014

A video surveillance device was found in the Connewitz district of Leipzig. It was located on the second floor of a vacant house. It contained a swiveling camera which was connected to a hard disk recorder and could be controlled via an LTE mobile phone connection, and a battery to power the device. Through a window, the camera had a view of the sidewalk, several building entrances and several apartment windows. The device could not be seen from the outside as luminous diodes had been specially masked off.

Pictures



⁶⁷<https://linksunten.indymedia.org/node/104685>



Sources

Sources⁶⁸.

Leipzig, May 2014

A video surveillance device was found in the Plagwitz district of Leipzig. It was located **on the second floor of a vacant house**. It contained cameras mounted on tripods, which filmed the public space through windows.

Pictures



⁶⁸<https://linksunten.indymedia.org/node/109613>

Sources

Sources⁶⁹.

Other

Bavaria, November 2022

A camera and a microphone were found on a bike in Bavaria, Germany. They were hidden **under the bike seat, inside a container resembling a tool kit**. The device consisted of a main unit (~ 12 x 12 x 0.5 cm) connected to a camera (max 1 x 1 x 1 cm), a microphone, a battery (25 x 5 x 4 cm, Li-ion, 3.7 V, 60 Wh, 16.0 Ah), a modem (EM7565 Sierra Wireless), a SIM card (Telekom), a GSM antenna and a 4G antenna (Antenova SR4L002). The camera pointed outwards through a very small hole, directed at the entrance of the home under surveillance—it was impossible to identify it with the naked eye. A few minutes after the surveillance device was spotted and removed, the suspected spies came to retrieve their bike.

Sources

Sources⁷⁰, translations⁷¹.

⁶⁹<https://linksunten.indymedia.org/node/115381>

⁷⁰<https://aufstand.blackblogs.org/2022/11/28/bayern-kamera-und-mikro-vor-wohnung-gefunden>

⁷¹<https://sansnom.noblogs.org/archives/14557>

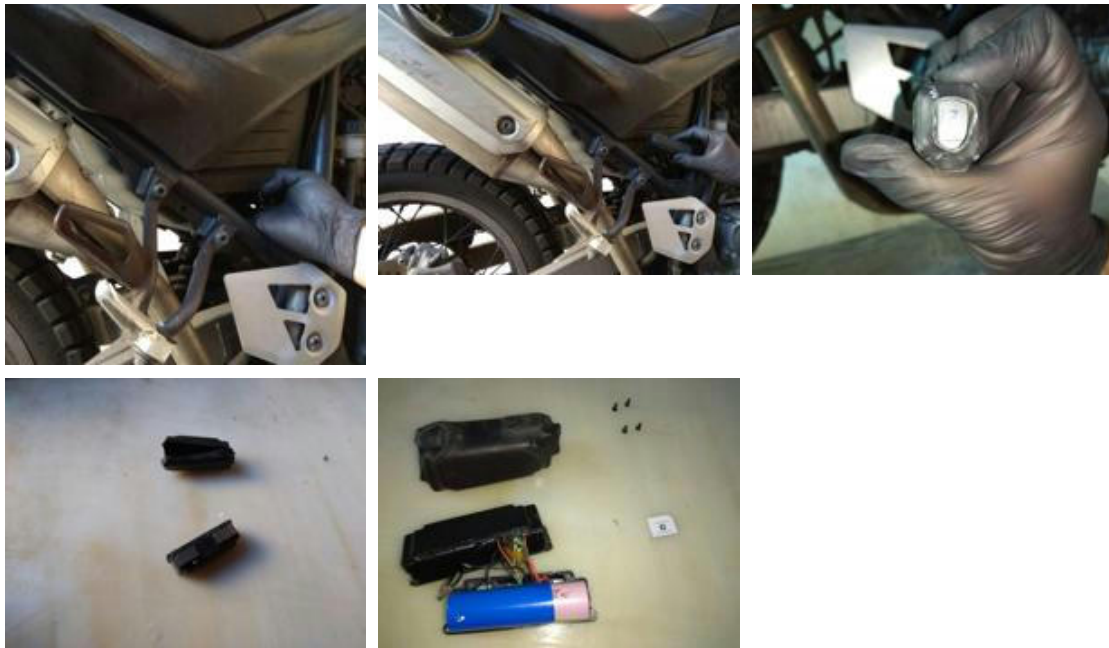
Greece

In vehicles

Athens, October 2019

A **GPS tracker** was found on a motorbike. It was **attached with a strong magnet**. It was equipped with a SIM card and a battery.

Pictures



Sources

Sources⁷², translations^{73 74}.

Unknown location, August 2019

A **GPS tracker** was found on a car. It was **attached with a strong magnet**. It was equipped with a SIM card and a battery.

Pictures

⁷²<https://omniatv.com/853454297>

⁷³<https://earsandeyes.noblogs.org/post/2019/11/05/about-two-gps-trackers-recently-found-in-greece>

⁷⁴<https://earsandeyes.noblogs.org/fr/post/2019/11/05/a-propos-de-deux-balises-gps-retrouvees-reccemment-en-grece>



Sources

Sources⁷², translations^{73 74}.

Ireland

In vehicles

Unknown location, March 2019

A **GPS tracker** and a **listening device** were found in the car of an Irish republican. The devices were hidden **in the undercarriage of the car**. Shortly after the discovery of the device, the home of the car owner was raided by the Special Detective Unit (SDU), and the vehicle was seized.

Pictures



Sources

Sources⁷⁵.

⁷⁵https://republican-news.org/current/news/2019/03/harassment_of_republicans_dire.html

Italy

In vehicles

Bologna, March 2005

A **surveillance device** was found **in the roof of a car**. It was equipped with a microphone. It seemed that the device was causing interference that could be heard on the car radio.

Sources

Sources⁷⁶.

Bologna, June 2009

A **GPS tracker and microphones** were found in a car. The device was placed **in a plastic container (badly) stuck under the roof**. It contained two boxes, both of which contained a “base” mobile phone with a SIM card. From there wires went out, passing by a hole up to under the back seats. There were two microphones passing by the seat belt canal: the first at the driver's height, the second at the height of the levers used to adjust the seat, next to the back seats. The antenna was behind the back seat. Finally, still coming from these two boxes, was a wire that went through the car doors to reach the car fuse box.

Pictures



Overall view of the device



GPS antenna

⁷⁶https://anarchiciferraresi.noblogs.org/files/2012/05/Il_bacillo_anarchico_3.pdf



Sources

Sources⁷⁷, translations⁷⁸.

Bologna, January 2018

Two microphones and a GPS tracker were found in a car. There was also a device equipped with an antenna, a SIM card from the TIM provider and a 16 GB memory card. The power cable was **connected to the fuse box** and to other wires located **under the dashboard**. Both microphones were located **under the upholstery of the car roof** and the wires arrived to the power supply **through the car door**. The magnetized GPS and the cards thingy with the antenna were hidden **behind the speedometer**. From what could be checked, everything had been placed in the car more than a year before the discovery and the microphones were recording even when the car engine was turned off, in a radius of several meters.

Pictures



The microphones



A microphone



The GPS

⁷⁷https://web.archive.org/web/20090706091118/http://www.informa-azione.info/bologna_microspia_in_auto_0

⁷⁸https://web.archive.org/web/20170709124809/http://cettesemaine.info/spip/article.php3_id_article=3116.html



The device with an antenna connected to the microphones and GPS. It also included a SIM and memory card.



1: behind the speedometer; 2: the fuse box



Counterclockwise from top: device with antenna, SIM and memory card; GPS; power cables



Microphones and their power cable



Inside the thingy with antennas and cards (below with a brown outline is the GPS)



Overall view

Sources

Sources⁷⁹, translations⁸⁰.

Cagliari, November 2017

Microphones and GPS trackers were found in a car. The microphones were placed **under the upholstery of the car roof, where the windscreen and the sun shields are**. In one case the power cables reached beneath the wheel, in the other they were attached to the car lights.

Sources

Sources⁸¹, translations⁸⁰.

Cagliari, September 2018

Two microphones and a GPS tracker were found inside a car. The microphones were placed **inside the upholstery of the car roof**, just above the driver's head. The GPS tracker was **stuck**

⁷⁹<https://roundrobin.info/2018/01/bologna-microfoni-gps-nellauto-compagna>

⁸⁰<https://attaque.noblogs.org/post/2018/01/18/italie-la-moisson-de-mouchards-continue>

⁸¹<https://roundrobin.info/2018/01/microspie-a-cagliari>

to the car body with a magnet. The bugs were connected to the car power supply at the level of the pedals, just below the lever that opens the front trunk.

Sources

Sources⁸², translations⁸³.

Cagliari, October 2018

Two microphones and a GPS tracker were found in the car of one of the persons under investigation for the 15 September repressive operation (see the sources). Microphones were located **above the driver's head, next to the junction of the car roof upholstery and the windscreen.** The GPS tracker was located **in the fuse box.** Everything was powered by a connection to the headlights cable (headlights that were dysfunctional).

Sources

Sources⁸⁴, translations⁸⁵.

Cremona, January 2018

A **GPS tracker** was found in a car. The device was placed **in the rear bumper, attached to the car body with magnets.** It consisted in removable batteries and a Vodafone SIM card.

Pictures



Sources

Sources⁸⁶, translations⁸⁰.

⁸²<https://roundrobin.info/2018/09/cagliari-ancora-microspie-e-gps-sulla-macchina-di-un-compagno>

⁸³<https://attaque.noblogs.org/post/2018/09/16/cagliari-italie-encore-des-micros-dans-la-voiture-dun-compagnon>

⁸⁴<https://nobordersard.wordpress.com/2018/10/10/comunicato-di-uno-degli-indagati-delloperazione-270-bis-aggiornamento>

⁸⁵<https://attaque.noblogs.org/post/2018/10/14/cagliari-italie-operation-contre-les-internationalistes-du-ypg-des-micros-et-un-gps-dans-la-voiture-dun-compagnon>

⁸⁶<https://roundrobin.info/2018/01/trovato-un-localizzatore-gps-nella-macchina-compagna-un-compagno-cremona>

Cremona, February 2019

A **microphone** was found in a car. It was located **in the upholstery of the vehicle roof**. The device wires were hidden in the isolation case. The device was connected to the car electrical system, so that the bug turned on when the car started. It was connected to a Vodafone SIM card protected by a PIN code.

Pictures



Sources

Sources⁸⁷, translations^{88 89}.

Genoa, August 2021

A **tracking surveillance device and two microphones** were found in a car. The tracking device was **connected to the power supply of the control unit underneath the steering wheel on the left-hand side**. It was **attached with a magnet, insulating tape and a heating cloth**. The microphones were located **at the end of a long cable running along the inside of the internal side pillar linings of the windscreen to the underside of the roof of the car**. The tracking device used the GLONASS positioning system, and consisted of an antenna connected to a multi-frequency positioning receiver box containing a micro SIM card.

⁸⁷<https://csakavarna.org/?p=4232>

⁸⁸<https://carsandeyes.noblogs.org/post/2019/02/17/bug-cremona-italy>

⁸⁹<https://attaque.noblogs.org/post/2019/02/17/cremona-italie-decouverte-dun-micro>

Pictures



Sources

Sources⁹⁰, translations⁹¹.

Lecce, December 2017

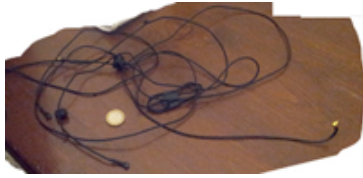
Microphones and a GPS tracker were found in a car. The device was placed **in the fuse box**. The car was having electrical problems (the battery had discharged twice in a month, sign of an abnormal electricity consumption).

Pictures



⁹⁰<https://malacoda.noblogs.org/post/2021/08/02/glonass-a-bordo>

⁹¹<https://attaque.noblogs.org/post/2021/08/02/genes-italie-glonass-a-bord>



Sources

Sources⁹², translations⁹³.

Lecce, November 2023

A **tracking device** was found under a car. The battery-powered device was **attached with strong magnets under the body of the car, in the rear, just past the bumper.**

Pictures



Sources

Sources⁹⁴, translations⁹⁵.

Lecco, April 2010

A **GPS tracker and a microphone** were found in a car. The device was placed **between the car body and the interior coating, and attached with two magnets.** It was connected to the power supply by the car interior light wires. It consisted in a modified mobile phone, an antenna, a GPS and a microphone.

⁹²<https://finimondo.org/node/2114>

⁹³<https://attaque.noblogs.org/post/2018/01/10/italie-quand-les-flics-tentent-de-simmiscer-dans-nos-vies>

⁹⁴<https://disordine.noblogs.org/post/2023/11/09/ritrovamenti>

⁹⁵<https://sansnom.noblogs.org/archives/19502>

Pictures



The microphone



The whole device



The mobile phone

Sources

Sources⁹⁶, translations^{97 98}.

Milan, September 2012

A **listening and geolocation device** was found **on a scooter**. The device components were located **in the spare wheel bracket, next to the tank and behind the horn grid**. The device was based on a device sold by Telit (an Italian supplier of wireless technologies). The device model was Telit GM862-GPS. It was capable of listening with a microphone, geolocating with a GPS antenna, and transmitting the collected information on the telephone network with a GSM antenna. The device was placed in the spot where the tank is along with a transformer and an accumulator. Both antennas (GPS and GSM) were connected to the device and ended up in the spare wheel bracket. The microphone, also connected to the device, ended up behind the horn grid. Wires connected the device to the scooter starting system. All these components were stuck to the scooter frame by strong magnets secured by tape. This scooter model doesn't have a battery (it dates back to the 1980s) and its engine generates alternating current, hence the presence of a transformer and an accumulator to guarantee the good functioning of this equipment even when the scooter was not moving.

Extra files

- [Telit-GM862.pdf](#)⁹⁹: product description of the Telit GM862-GPS device (in English).

Naples, February 2013

Two GSM-type microphones with GPS tracker were found in a car. The devices were placed **inside the car ceiling (that hosted the small interior light)**. It consisted in Vodafone mobile phones, with a transformer and antennas with a printed circuit board. Microphones were pointed towards the front seats.

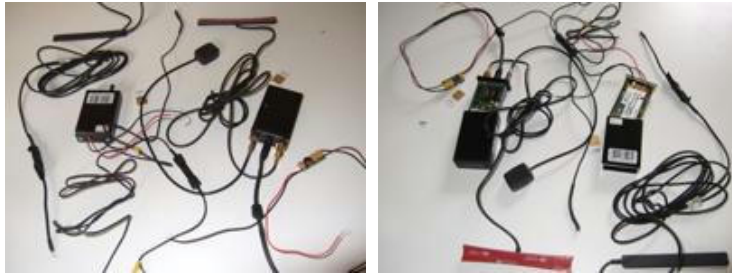
Pictures

⁹⁶https://web.archive.org/web/20100826024739/http://www.informa-azione.info:80/lecco_trovata_quotcimicequot_nell039auto_di_un_compagno

⁹⁷<https://web.archive.org/web/20200807000546/https://actforfree.nostate.net/?p=1514>

⁹⁸https://web.archive.org/web/20170709125857/http://cettesemaine.info/spip/article.php3_id_article=3115.html

⁹⁹<https://notrace.how/carsandeyes/extra-files/milano-2012-09/Telit-GM862.pdf>



Sources

Sources¹⁰⁰, translations¹⁰¹.

Rome, April 2018

Two microphones, a GPS tracker and a transmitter were found in a car. Everything was **positioned on the car body with magnets over the driver's door** and linked to an electric cable carrying power to one of the lights inside the car. There was also an additional battery. The microphones were **stuck with gum over the driver's and passenger's head seats**. The power cable, battery, microphones and GPS were all linked to the transmitter. There was a TIM SIM card inside the transmitter.

Sources

Sources¹⁰², translations¹⁰³.

Rovereto, November 2004

A **surveillance device** was found in the vehicle of someone investigated as part of the operation “Cervantes”, a repressive operation against Italian anarchists. It was located **in the roof of the car**. It was equipped with one (or two) microphone(s). It was powered by sunlight. It seemed that the device was causing interference that could be heard on the car radio.

Sources

Sources¹⁰⁴ ¹⁰⁵.

Sassari, June 2023

A **GPS tracker and a microphone** were found in a car. The device was **attached with strong magnets**. It contained a SIM card.

Pictures

¹⁰⁰https://web.archive.org/web/20150417000257/http://informa-azione.info/napoli_maggiori_dettagli_su_ritrovamento_microspie

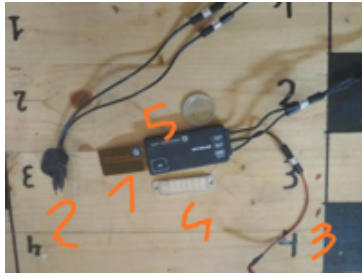
¹⁰¹https://web.archive.org/web/20170709132010/http://cettesemaine.info/spip/article.php3_id_article=5730.html

¹⁰²<https://roundrobin.info/2018/04/roma-trovate-microspie>

¹⁰³<https://attaque.noblogs.org/post/2018/04/19/rome-italie-des-micros-trouvés-dans-un-vehicule>

¹⁰⁴<https://archive.elephanteditions.net/library/finger-and-the-moon>

¹⁰⁵<https://web.archive.org/web/20041221060139/http://www.infoshop.org/inews/stories.php?story=04/11/08/3242822>



1: antenna; 2: connected microphone; 3: power supply positive and negative connections; 4: strong magnets to attach the device to the car; 5: transmitter with SIM card and GPS

Sources

Sources¹⁰⁶, translations¹⁰⁷.

Trento, December 2017

Microphones and GPS trackers were found in two cars.

Pictures



Sources

Sources^{108 109}, translations^{110 93}.

Trieste, July 2023

A **microphone** was found in a car. It was hidden **inside the vehicle**. The night before the device was found, one of the car's windows was broken, a few things inside it were stolen, and four men were seen tampering with the vehicle—the theft was presumably a cover-up for the device installation.

Pictures

¹⁰⁶<https://anarkiviu.wordpress.com/2023/06/07/accade-a-sassari>

¹⁰⁷<https://sansnom.noblogs.org/archives/16799>

¹⁰⁸<https://anarhija.info/library/trentino-italia-a-proposito-di-ritrovamenti-di-microspie-e-videocamere-it>

¹⁰⁹<https://roundrobin.info/2018/01/trentino-proposito-ritrovamenti-microspie-telecamere>

¹¹⁰<https://web.archive.org/web/20180303234530/https://actforfree.nostate.net/?p=29468>



Sources

Sources¹¹¹, translations¹¹².

¹¹¹<https://laburjana.noblogs.org/post/2023/08/02/e-vennero-a-metterci-le-spie-in-auto>

¹¹²<https://attaque.noblogs.org/post/2023/08/02/trieste-italie-et-ils-vinrent-placer-des-mouchards-dans-nos-voitures>

Turin, June 2007

Microphones were found in a car. The device was placed **in the car ceiling**. It was connected to the car interior light power supply. It consisted in a modified mobile phone, an antenna and two microphones.

Pictures



Overall view of the device



First mobile phone



Second mobile phone



Antenna



The GPS



The two microphones

Sources

Sources¹¹³, translations⁷⁸.

Unknown location, May 2010

A **GPS tracker** was found under the truck of a member of the Nunatak magazine. The device was attached **with a magnet under the back of the vehicle**. It consisted in Vodaphone SIM cards connected to 4 “torch” batteries in a series.

Pictures



¹¹³https://web.archive.org/web/20100727213202/http://www.informa-azione.info/cimici_a_torino

Sources

Sources¹¹⁴.

Unknown location, August 2019

A microphone and two GPS trackers were found in a vehicle. One of the trackers was **attached with a magnet to the rear bumper, on the right side**. The other one, along with the microphone, was placed **in the air vents which were between the windscreen flap and the windscreen**. The first tracker was equipped with an accumulator made of five 3.6V lithium batteries connected in a series, and a SIM card from Omnitel (former name of Vodafone Italia, an Italian operator). The other tracker was equipped with a SIM card from Movistar (Spanish operator). Although the use of an Omnitel card (operator which doesn't exist anymore) and a Spanish card was weird, it seemed these trackers were assembled by the same people and probably installed in the months preceding the discovery.

Pictures



Sources

¹¹⁴https://web.archive.org/web/20170709124558/http://cettesemaine.info/spip/article.php3_id_article=3216.html

Sources¹¹⁵, translations^{116 117}.

In buildings

Bologna, July 2007

Two microphone receiver cases were found in the entry corridor of the building that hosted the Fuori Luogo space. Both devices were hidden **above a fake ceiling in the entry corridor**. They were directly connected to the phone line with telephone wires. They consisted in a main body, with a connector with external remote control, a digital receiver showing the strength of the received signal, and antennas. The presence of these two receivers probably meant that there were two emitting microphones in the space.

Pictures



Sources

Sources¹¹⁸, translations¹¹⁹.

Bologna, January 2018

Two microphones were found in the documentation space Il Tribolo. They were hidden **inside a power outlet and in the junction box next to it**.

Pictures

¹¹⁵<https://roundrobin.info/2019/08/g-p-s-m-ritrovati-gps-e-microfoni>

¹¹⁶<https://earsandeyes.noblogs.org/post/2019/09/10/gps-trackers-microphone-vehicle-italy>

¹¹⁷<https://attaque.noblogs.org/post/2019/08/27/italie-deux-balises-gps-et-un-micro-trouve-dans-un-vehicule>

¹¹⁸https://web.archive.org/web/20080516233501/http://www.informa-azione.info/rinvenute_due_cimici_a_fuoriluogo

¹¹⁹https://web.archive.org/web/20170709105809/http://cettesemaine.info/spip/article.php3_id_article=3117.html



Sources

Sources¹²⁰, translations⁹³.

Bordighera, May 2012

Four microphones and a camera were found in a house. A microphone was placed **behind the fridge**, another **in the bedroom**, another **in a beam next to the ceiling light**, another **in the house entry**. A graceful little camera **filmed the entry stairs**. All were connected through a transformer to the house electrical network.

Pictures



Sources

Sources¹²¹, translations¹²².

¹²⁰<https://www.autistici.org/cna/2018/01/11/bologna-ritrovata-microspia>

¹²¹https://web.archive.org/web/20171110231616/http://www.informa-azione.info/torino_trovate_microspie_nel_frigido_di_due_compagni_anarchici

¹²²https://web.archive.org/web/20170709123951/http://cettesemaine.info/spip/article.php3_id_article=5072.html

Florence, January 2011

Microphones and cameras were found in the 400colpi space. A first device was placed **in an electrical case, strangely too hot**. It consisted, along with a microphone, of a surveillance micro-camera. A second device was placed **in an industrial outlet**.

Pictures



The first device



The second device

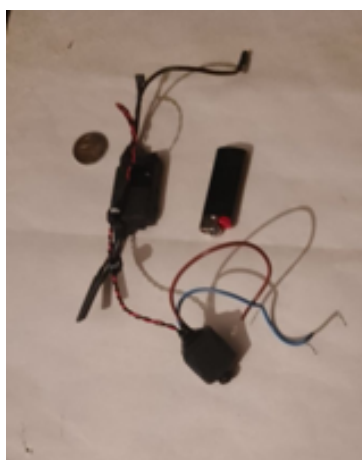
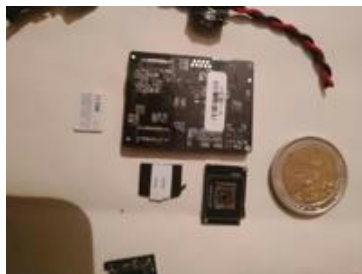
Sources

Sources¹²³.

Foligno, October 2022

A **microphone** was found in an anarchist space. The device was hidden **inside a power outlet**. It was equipped with a microphone, two antennas, a SIM card, a memory card and a battery.

Pictures



¹²³https://web.archive.org/web/20170709131443/http://cettesemaine.info/spip/article.php3_id_article=3845.html

Sources

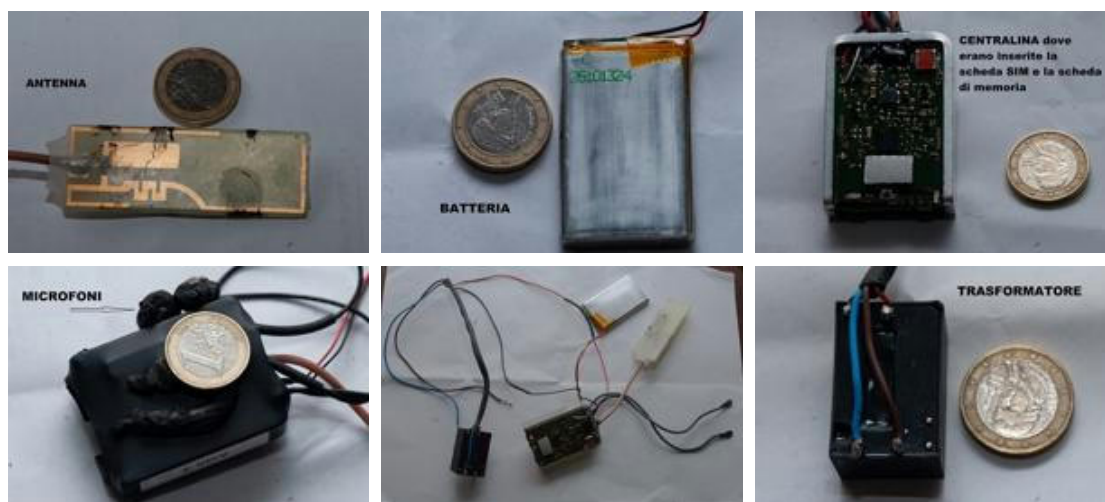
Sources¹²⁴, translations¹²⁵.

Follonica, February 2020

Four microphones were found in a house in Follonica. There was **one in each room**. They were **connected to the electrical system of the house** using a transformer and a battery. Each device was equipped with a SIM card and a memory card.

According to the source that reported the discovery of the microphones, they were supplied by the Italian company **Lutech**.

Pictures



Sources

Sources¹²⁶, translations^{127 128}.

Genoa, October 2009

A **microphone** was found in the Doppiofondo documentation center **inside an electrical outlet**.

Pictures



¹²⁴<https://infernourbano.altervista.org/foligno-rinvenuta-una-microspia-presso-il-circolo-anarchico-la-faglia>

¹²⁵<https://sansnom.noblogs.org/archives/14826>

¹²⁶<https://roundrobin.info/2020/02/comunicato-sul-ritrovamento-di-alcune-microspie-a-follonica>

¹²⁷<https://earsandeyes.noblogs.org/post/2020/02/21/microphones-found-in-follonica-italy>

¹²⁸<https://attaque.noblogs.org/post/2020/02/18/follonica-italie-les-murs-aussi-ont-des-oreilles>

Sources

Sources¹²⁹.

Genoa, June 2018

Two microphones were found at a comrades' house.

Sources

Sources¹³⁰, translations¹³¹.

Lecce, September 2017

A **bug** was found in an anarchist place **inside an electric plug not connected to any network**. On one of the edges was the acronym “ABG”.

Pictures



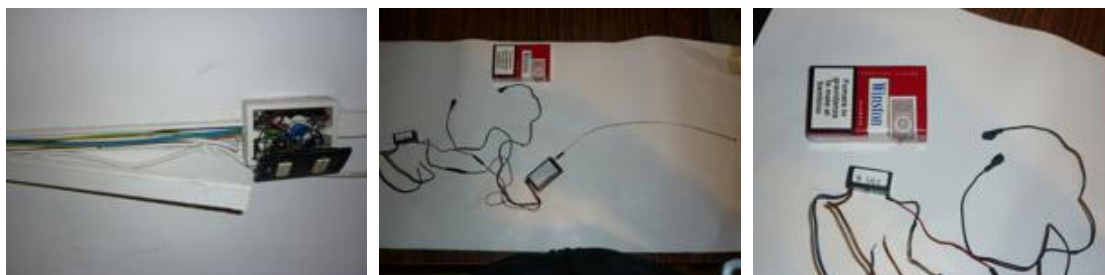
Sources

Sources¹³² ¹³³.

Lecco, October 2010

A **microphone** was found in an anarchist documentation center **inside an electrical outlet**. It was a transmitter-receiver.

Pictures



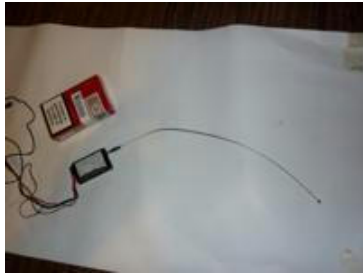
¹²⁹https://web.archive.org/web/20170709105251/http://cettesemaine.info/spip/article.php3_id_article=2659.html

¹³⁰<https://roundrobin.info/2018/06/genova-trovate-due-microspie-nella-casa-di-un-compagno>

¹³¹<https://attaque.noblogs.org/post/2018/07/01/genes-italie-deux-micros-trouves-chez-un-compagnon>

¹³²<https://web.archive.org/web/20171005155957/https://actforfree.nostate.net/?p=28449>

¹³³<https://web.archive.org/web/20200812155902/https://cettesemaine.info/breves/spip.php?article2497>



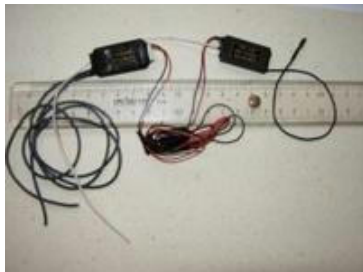
Sources

Sources¹³⁴, translations¹³⁵.

Milan, November 2010

A **microphone** was found in the Panetteria Occupata **inside a closed and sealed electricity meter**. It was a microphone with a 300 MHz shortwave transmitter.

Pictures



Sources

Sources¹³⁶.

Milan, November 2010

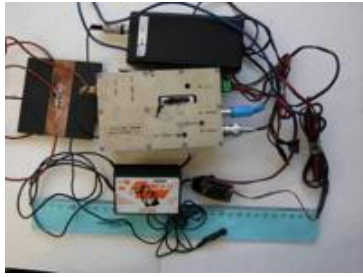
Microphones and a micro-camera were found in multiple homes. The devices were found **in an amplifier, in the kitchen hood and in a cathode-ray television**. The devices had microphones and 300 MHz transmitters with 200-300 meters range. In one case, the device could be activated by remote control (at a distance of hundreds of meters) and in another case it came with a micro-camera linked to a UHF band transmitter of the same range.

Pictures

¹³⁴https://web.archive.org/web/20101011002129/http://www.informa-azione.info:80/lecco_%E2%80%93_ennesima_microspia

¹³⁵https://web.archive.org/web/20170709104450/http://cettesemaine.info/spip/article.php3_id_article=3525.html

¹³⁶https://web.archive.org/web/20170709103211/http://cettesemaine.info/spip/article.php3_id_article=3711.html



Microphone inside the TV set



Microphone inside the cooker hood



Microphone inside the amp hood

Sources

Sources¹³⁷.

Modena, December 2015

A **microphone** was found at the Laboratorio Libertario Ligera. The device was located **inside a neon light attached to the ceiling**. It consisted in three 9-volts batteries, joined together with insulating tape, with a microphone and antenna at each end.

Pictures



Sources

Sources¹³⁸, translations¹³⁹.

¹³⁷https://web.archive.org/web/20170709102902/http://cettesemaine.info/spip/article.php3_id_article=3794.html

¹³⁸<https://anarchicipistoiesi.noblogs.org/post/2015/01/06/modena-sorveglianza-rinvenuta-microspia-al-laboratorio-libertario-ligera>

¹³⁹<https://web.archive.org/web/20210116155423/https://actforfree.nostate.net/?p=18722>

Naples, October 2012

Two microphones were found in the anarchist space 76/A. The devices were placed **in the air vents** of the two rooms where gigs and initiatives were held. It consisted in three 9-volt batteries set up in parallel and stuck to a transmitter microphone with tape.

Pictures



The device was like that when it was found. The microphone is next to the two euros coin and the antenna is at the other end.



The microphone without the tape and with the tip detached



Detail of the emitting antenna with its cover



Detail of the emitting antenna without its cover



Everything dismantled. The batteries were without power.

Sources

Sources¹⁴⁰, translations^{141 142}.

Naples, February 2013

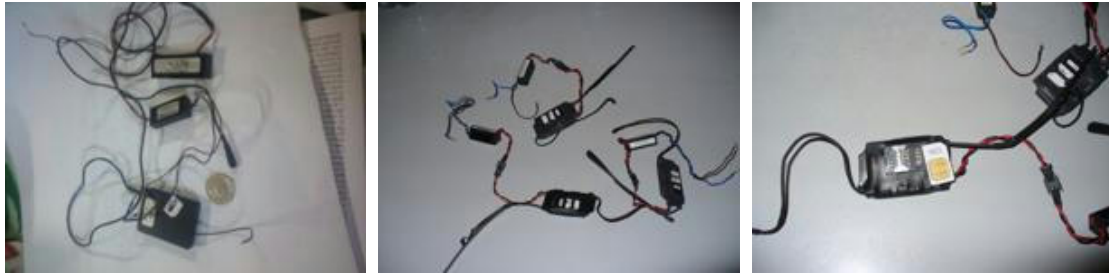
Four microphones of the GSM type were found in two homes. In the first home, a microphone was placed **next to the office where there was a computer** (for some time, the loudspeakers connected to this computer were disrupted by an interference similar to the interference of a phone receiving a call), another **in the outlet next to the kitchen table**, the last one **in the bedroom, in the outlet closest to the bed** (the outlet cover had been pierced to direct the microphone towards the headboard). In the second home, a microphone was placed **in the bedroom, in the outlet closest to the door**, which gave onto the kitchen, so that it covered several places. The microphones of the first home were Vodafone mobile phones, with a transformer and antennas with a printed circuit board. The microphone of the second home was an older model, with two transformers and an antenna with a screw.

Pictures

¹⁴⁰https://web.archive.org/web/20130401215729/http://informa-azione.info/napoli_trovate_microspie_all039interno_dello_spazio_anarchico_76a

¹⁴¹<https://web.archive.org/web/20201130203708/https://actforfree.nostate.net/?p=11599>

¹⁴²https://web.archive.org/web/20170709104159/http://cettesemaine.info/spip/article.php3_id_article=5348.html



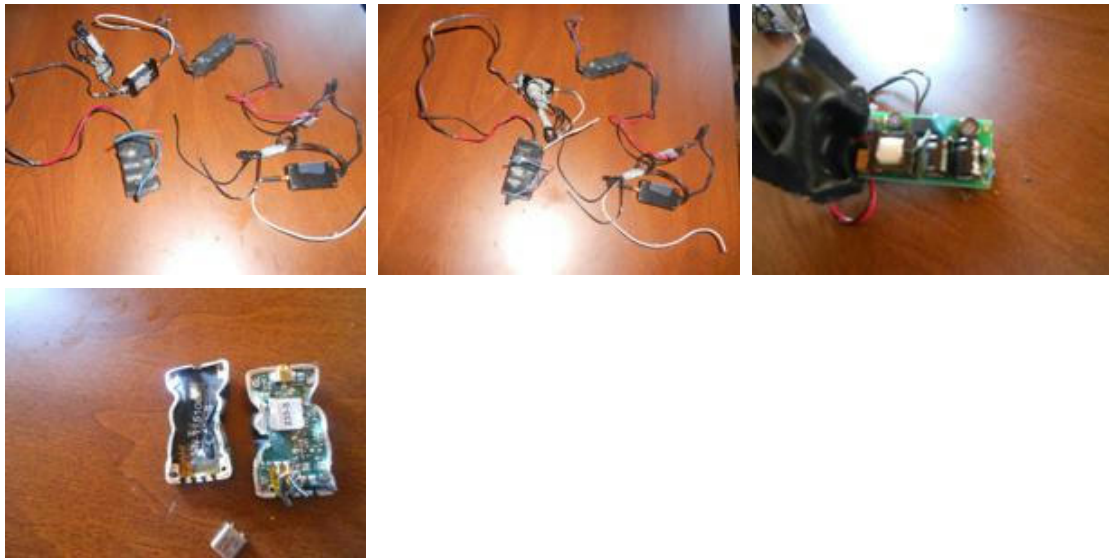
Sources

Sources¹⁰⁰, translations¹⁰¹.

Palermo, June 2013

Microphones were found in comrades' house.

Pictures



Sources

Sources¹⁴³, translations^{144 145}.

Pescara, April 2015

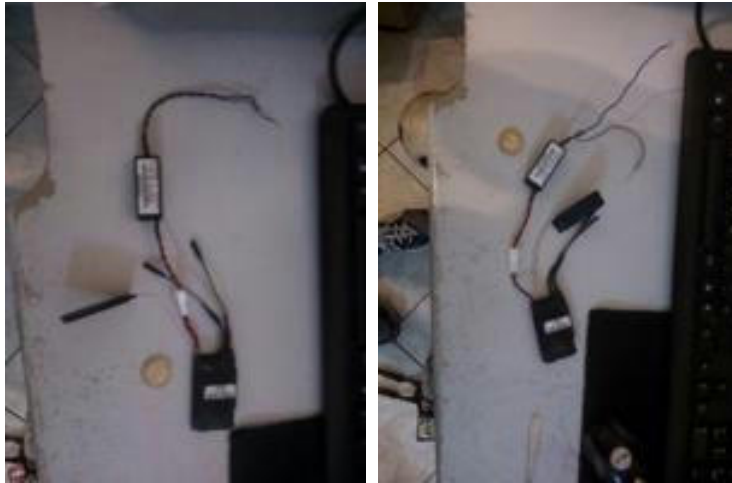
Two microphones were found at a comrades' home. The devices were **inside two outlets**. Each device consisted in a microphone linked to a transformer and a thingy containing a micro-SIM card.

Pictures

¹⁴³https://web.archive.org/web/20160112162848/http://informa-azione.info/palermo_trovate_microspie_in_casa_di_compagn

¹⁴⁴<https://web.archive.org/web/20201112014457/https://actforfree.nostate.net/?p=14624>

¹⁴⁵https://web.archive.org/web/20170709105543/http://cettesemaine.info/spip/article.php3_id_article=6004.html



Sources

Sources¹⁴⁶.

Pisa, May 2012

A **camera** was found hidden **in an air-conditioner inside a school**. The camera served to control the entrance of the house of some anarchist comrades under investigation, and had been placed there by plain clothes officers a few weeks before the comrades' house was searched.

Sources

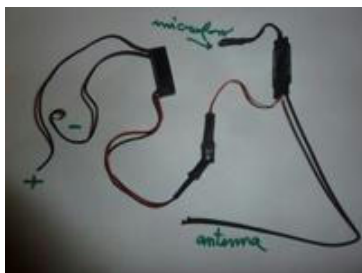
Sources¹⁴⁷, translations¹⁴⁸.

Pisa, January 2020

Microphones were found in the Anarchist Garage in Pisa. They were **connected to the electrical system of the building**. The devices were installed as part of an investigation following an arson attack on a vivisection laboratory in Pisa.

According to the source that reported the discovery of the microphones, they were supplied by the italian company **Lutech**.

Pictures



Sources

¹⁴⁶https://web.archive.org/web/20150928013342/http://www.informa-azione.info/pescara_microspie_a_casa_di_compagni_anarchici

¹⁴⁷<https://culmine.noblogs.org/2012/05/08/pisa-abpc-sabota-telecamera>

¹⁴⁸<https://web.archive.org/web/20120716175517/actforfree.nostate.net/?p=9299>

Sources¹⁴⁹, translations^{150 151}.

Pozzuoli, September 2023

A **microphone** was found in a house.

Pictures



Sources

Sources¹⁵², translations¹⁵³.

Rome, November 2022

A **microphone** was found in a flat in Rome, Italy. It was hidden **on the back of the kitchen oven**. It was powered by the oven electrical supply, and was also equipped with a battery.

Pictures



Sources

¹⁴⁹<https://roundrobin.info/2020/02/pisa>

¹⁵⁰<https://earsandeyes.noblogs.org/post/2020/02/10/microphones-found-in-buildings-in-pise-and-follonica-italy>

¹⁵¹<https://attaque.noblogs.org/post/2020/02/10/pise-italie-voila-encore>

¹⁵²<https://lanemesi.noblogs.org/post/2023/09/25/rinvenuta-una-microspia-a-pozzuoli>

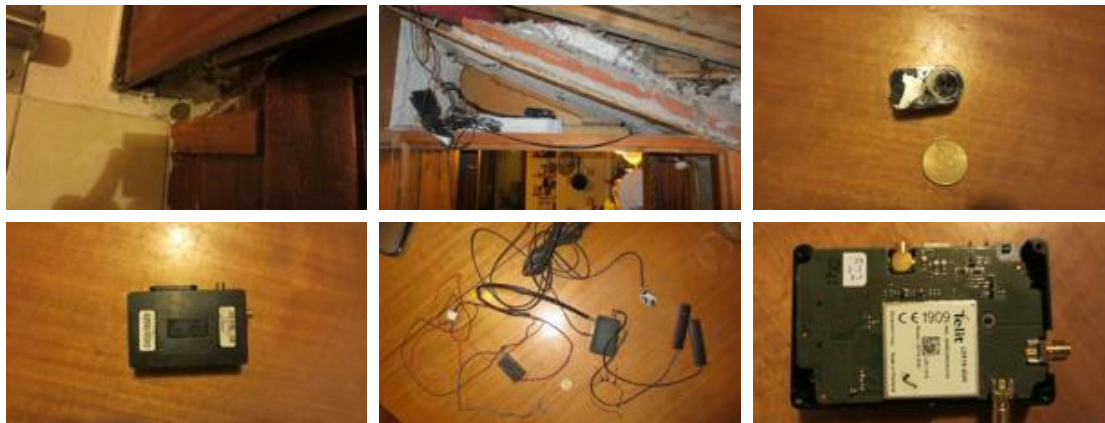
¹⁵³<https://attaque.noblogs.org/post/2023/09/25/pozzuoli-italie-decouverte-dun-micro>

Sources¹⁵⁴, translations¹⁵⁵.

Trento, December 2017

A **micro-camera** was found inside a house. The device was placed **in the kitchen/dining room, inside a wall, covered up by mortar**, revealing only the hold for the camera's lens.

Pictures



Sources

Sources¹⁰⁸, translations⁹³.

Trento, March 2019

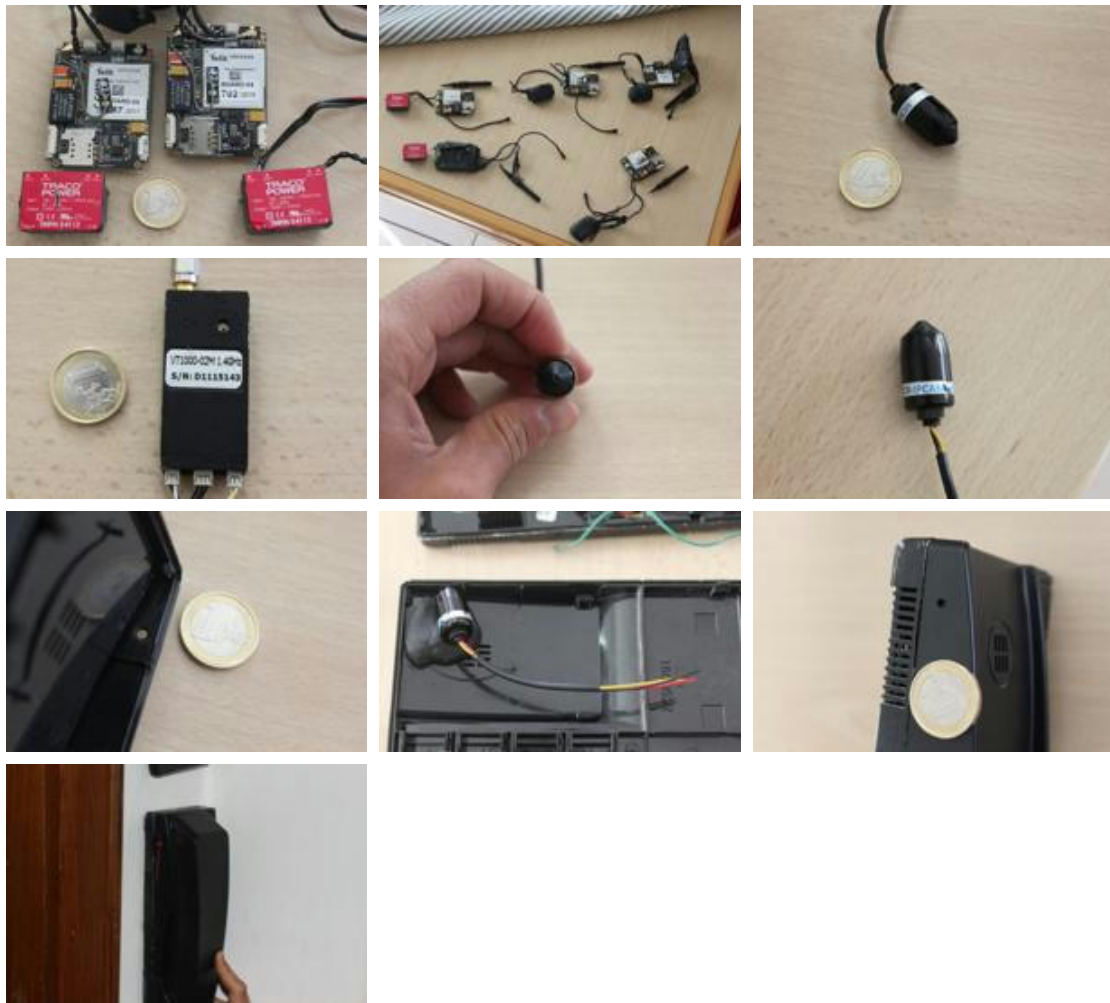
Six microphones and a camera were found in a house. The microphones were located **in power outlets and switch cases**, one **above the intercom in the corridor**, two other **in the living-room**, and the three last ones **in private bedrooms**. The camera was located **inside the intercom in the corridor** and connected to the microphone above it. Each microphone was equipped with a battery, and, except for the one in the corridor, with a SIM card and a memory card. The camera lens could observe through a small hole already present in the intercom structure and slightly worked on to fit the device.

Pictures



¹⁵⁴<https://lanemesi.noblogs.org/post/2022/11/19/stessa-storia-stesso-posto-stesso-baracchino-rinvenimento-di-una-microspia-in-un-appartamento-di-roma>

¹⁵⁵<https://actforfree.noblogs.org/post/2022/12/12/rome-italy-same-old-story-same-place-same-shack-discovery-of-a-bug-in-a-flat-in-rome>



Sources

Sources¹⁵⁶, translations^{157 158}.

Turin, May 2014

Two microphones and portable scanners watching the Asilo Occupato were found. The microphones were **inside the Asilo Occupato**, connected to the electrical installation. The portable scanners are **in a telecom booth** very close to the squat.

Pictures



The two microphones and the scanners

¹⁵⁶<https://roundrobin.info/2019/03/trento-sei-microspie-e-una-telecamera-immagini-pesanti>

¹⁵⁷<https://earsandeyes.noblogs.org/post/2019/03/11/trente-italy-6-microphones-camera>

¹⁵⁸<https://cracherdanslasoupe.noblogs.org/?p=4830>

Turin, March 2019

Microphones were found in a squatted house. They were located **in the kitchen**. Investigation files showed that the audio they recorded was used to prove that the defendants knew each other, often talked together, were preoccupied by the creation by the Italian State of a DNA database and the impossibility to refuse giving a DNA sample, that they discussed a text to publish or chatted about stuff.

Pictures



Sources

Sources¹⁵⁹, translations^{160 161}.

Viterbo, March 2008

A **microphone** was found in the home of a comrade. The device was hidden **inside an air inlet** (ventilation system) of the house. It consisted in 12 cylindrical batteries and a microphone.

Pictures



Sources

Sources¹⁶², translations¹¹⁹.

Other

Cuneo, June 2019

A **surveillance device capable of recording images and sound** was found during a gathering in front of a jail. The device was located **behind a few stones, in a wall along a path**, wrapped up in a black garbage bag, next to the place where this kind of gatherings usually happened. It contained a battery, a SD card, a microphone, and a camera hidden behind a rock where a hole had been made. It seemed that the device couldn't send the data, which was stored on the SD

¹⁵⁹<https://macerie.org/index.php/2019/03/12/le-orecchie-della-pedrotta>

¹⁶⁰<https://earsandeyes.noblogs.org/post/2019/03/15/ears-of-pedrotta-microphones-turin-italy>

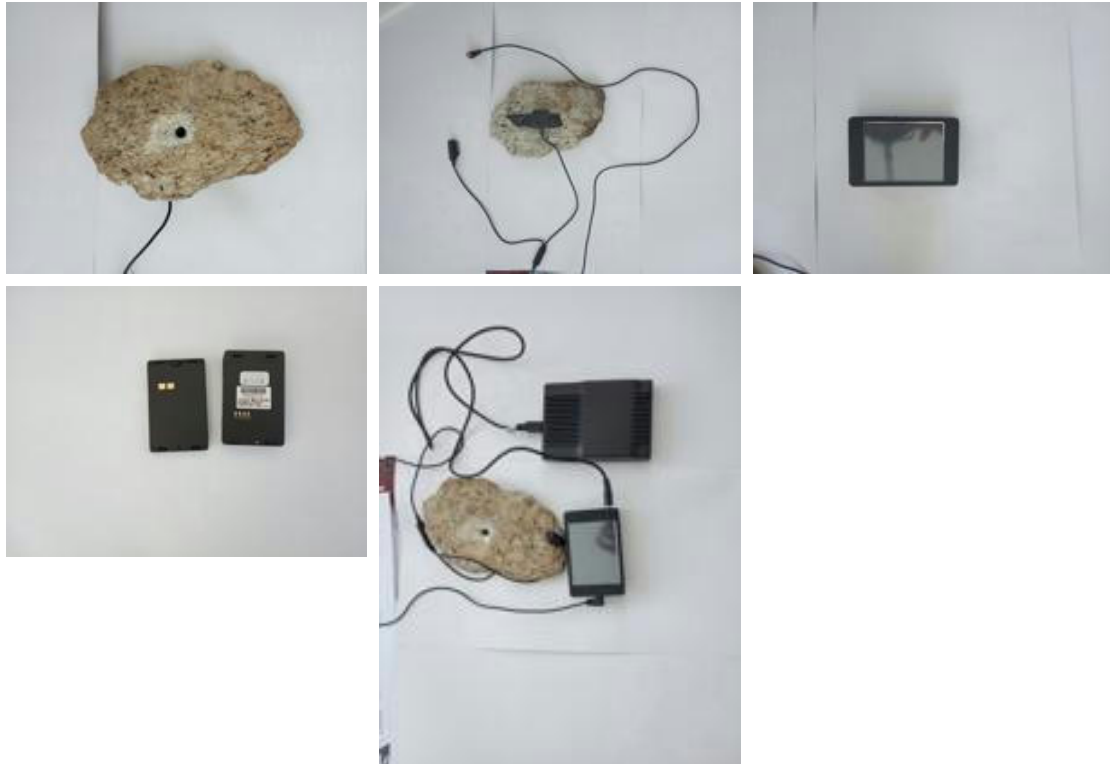
¹⁶¹<https://attaque.noblogs.org/post/2019/03/14/turin-italie-les-oreilles-de-m-me-pedrotta>

¹⁶²https://web.archive.org/web/20170926153653/http://www.informa-azione.info/viterbo_ritrovato_lennesimo_marchingegno_per intercettazioni_ambientali

card. An analysis of the content of the SD card showed that the device was activated the 3rd of June and installed on the afternoon of the 7th, the day before the gathering.

The pictures of the device show that a digital video recorder of model DK-PV500E, marketed by the italian company DSE (Digital Surveillance Equipment), was part of the device. This suggests that the device was supplied by the italian company **DSE**.

Pictures



Sources

Sources¹⁶³, translations^{164 165}.

Genoa, June 2014

Three microphones coming with cameras were found **in the alleys around a squat**. The devices were pointing to the different entries of the house.

The pictures of the devices show that the cameras found were marketed by the italian company Elkron, which became a subsidiary of the italian company Urmet in 2012. This suggests that the cameras were supplied by the italian company **Elkron**.

Pictures

¹⁶³<https://www.autistici.org/macerie/?p=33627>

¹⁶⁴<https://earsandeyes.noblogs.org/post/2019/06/13/surveillance-device-gathering-cuneo-italy>

¹⁶⁵<https://attaque.noblogs.org/post/2019/06/13/coni-italie-fureteurs>



Sources

Sources¹⁶⁶, translations¹⁶⁷.

Turin, February 2014

Two cameras were found in front of the Asilo Occupato. The devices were concealed **in a fake Enel (Italian electricity supplier) electric box attached on the first floor of a building.**

The logo of the italian company Gruppo TRS, which was bought in 2012 by the italian company Atet, is visible on the pictures of the devices. This suggests that these devices were supplied by the italian company **Atet**.

Pictures



The new case with Pinnocchio sitting on it

¹⁶⁶<http://contropiano.org/news/aggiornamenti-in-breve/italia/2014/06/16/genova-l-occhio-dello-stato-sull-occupazione-di-pellicceria-3-062791>

¹⁶⁷<https://es-contrainfo.esiv.net/2014/06/18/genova-italia-encontradas-microcamaras-apuntando-a-la-okupa-de-vico-superiore-di-pellicceria>

New Zealand

In vehicles

Levin, April 2010

A **GPS tracker** was found under the car of a member of AFA (Animal Freedom Aotearoa). It was **attached to the car with magnets**, and used a mobile phone connection to report the car position. According to the articles that reported the discovery of the device, the information collected by the device was sent to Thompson and Clark, a New Zealand private investigation agency. The surveillance was probably carried out on behalf of a company targeted by the activists.

According to the articles that reported the discovery of the device, the device was supplied to the private investigation agency Thompson and Clark by the New Zealand company **Argus Tracking**. As shown by the high resolution pictures of the device, its model was GT-2000XT-D, and it was very similar to the device GT-2000, marketed by the company based in United Kingdom **Custodia Systems**.

Extra files

- GT2000.pdf¹⁶⁸: product description of the GT-2000 device (in English).
- levin-2010-04.zip¹⁶⁹: very high resolution pictures of the device.

Pictures



¹⁶⁸<https://notrace.how/earsandeyes/extra-files/levin-2010-04/GT2000.pdf>

¹⁶⁹<https://notrace.how/earsandeyes/extra-files/levin-2010-04/levin-2010-04.zip>



Sources

Sources^{170 171 172}.

¹⁷⁰<https://web.archive.org/web/20120514112429/http://www.animalfreedom.org.nz/gps-tracking-device.html>

¹⁷¹<https://web.archive.org/web/20210209150752/http://archive.indymedia.org.nz/article/78812/gps-tracking-device-found-afa-members-ca>

¹⁷²<https://web.archive.org/web/20210226185135/http://www.stuff.co.nz/national/3978988/Spies-target-animal-rights-campaigners>

Russia

Other

Moscow, December 2020

A **surveillance device** was found **inside the smartphone** of the campaign manager of a Russian anti-corruption activist. It included a SIM card, microphone, GPS tracker, and a microcircuit to amplify the radio signal. Some of the phone components were modified to make room for the surveillance device. The device was installed when the owner of the phone was in custody and her phone confiscated. The device was probably installed by the FSB (Federal security service).

Pictures



Sources

Sources^{173 174 175}.

¹⁷³<https://meduza.io/en/feature/2021/01/14/we-found-a-wiretap>

¹⁷⁴<https://www.slashgear.com/simple-40-wiretap-planted-in-iphone-of-russian-activist-15655451>

¹⁷⁵<https://www.youtube.com/watch?v=Q9K9ofWiyx8>

Spain

In vehicles

Basque Country, September 2007

A **tracking device** was found under the car of a left-wing nationalist activist.

Pictures



Sources

Sources¹⁷⁶.

Urrugne, Basque Country, August 2011

A **GPS tracker** was found under a car. It was located **in the car bumper**. The device included a GPS antenna.

Sources

Sources¹⁷⁷.

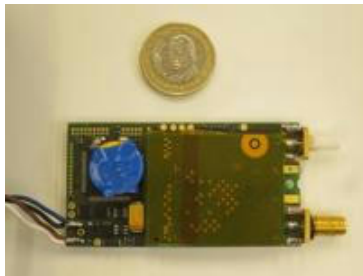
Valencia, March 2015

A **geolocation device** was found on the car of an attendee to the Circumvention Tech Festival, a festival against Internet surveillance and censorship. The device was **magnetically mounted inside of the left wheel well of the car**. It consisted in a battery, a GPS antenna, a GSM antenna and a Movistar SIM card. The various components were wrapped in black tape and magnetically mounted to the car mudguard and frame. Several clues led to believe that the device may have been placed by cops from the “Cuerpo Nacional de Policía” (Spain national civilian police force).

Pictures

¹⁷⁶<https://web.archive.org/web/20220408143905/https://foros.noticiasdenavarra.com/viewtopic.php?t=32988>

¹⁷⁷<https://gara.naiz.eus/paperezkoa/20110923/292549/es/Hallan-dispositivo-seguimiento-GPS-coche-una-joven-urrunarra>



Sources

Sources^{178 179}.

In buildings

Barcelona, October 2013

A police surveillance camera was found in a hospital, pointed towards the Kasa de la Muntanya squat.

Sources

Sources¹⁸⁰, translations¹⁸¹.

¹⁷⁸<https://taz.de/Polizeiliche-Ueberwachung!/5017478>

¹⁷⁹<https://web.archive.org/web/20160408043848/https://people.torproject.org/~ioerror/skunkworks/forensics/valencia-tracking-device>

¹⁸⁰<https://ca.squat.net/2013/10/17/barcelona-comunicat-kasa-de-la-muntanya-despres-del-desmuntatge-dun-dispositiu-de-videovigilancia>

¹⁸¹<https://en-contrainfo.espiv.net/2013/10/21/barcelona-communique-of-the-kasa-de-la-muntanya-squat-about-dismantled-cctv-camera>

Donostia, Basque Country, August 2007

A **listening device** was found in the flat of a former political prisoner. It was located **under the sofa**. It was made of two meters of wiring with a microphone in the end. It was installed from the flat below, through a hole in the floor.

Pictures



The sofa under which the device was found

Sources

Sources^{182 183}.

Other

Barcelona, December 2023

A **camera** was found in front of the house of some anarchists. It was placed **inside a black box, on the roof of a restaurant located in front of the house**.

Pictures



¹⁸²<https://gara.naiz.eus/paperezkoa/20070825/35008/es/Tres-donostiarras-descubren-su-piso-aparato-escuchas-ilegales>

¹⁸³<https://www.radiocable.com/descubren-un-microfono-mientras-limpiaban-en-el-piso-de-un-expreso-de-eta.html>



Sources

Sources^{184 185}.

¹⁸⁴<http://barcelona.indymedia.org/newswire/display/535811>

¹⁸⁵<https://attaque.noblogs.org/post/2024/01/01/barcelone-espagne-espionnage-et-videosurveillance-devant-la-maison-de-quelques-compas-anarchistes>

United Kingdom

In vehicles

Cappagh, County Tyrone, Northern Ireland, September 2014

A **listening device** and a **tracking device** were found on the car of an Irish republican. The listening device was **attached to a rear wheel arch of the car by several powerful magnets**. The tracking device was located **under the opposite wheel arch**. The listening device, able to monitor conversations inside and outside the vehicle, was powered by 12 long-life batteries. The tracking device also appeared to be battery-powered.

Pictures



Sources

Sources¹⁸⁶.

County Armagh, Northern Ireland, August 2008

A **GPS tracker** and a **listening device** were found under the car of someone linked to Irish republicans. Part of the devices was located **under the car bumper**. The listening device was able to use a microphone to convey conversations within the vehicle over a mobile phone network.

Sources

Sources¹⁸⁷.

Craigavon, Northern Ireland, December 2013

A **tracking device** was found on the van of an Irish republican. The device was hidden **beneath a wheel arch of the vehicle**. It was encased in black rubber, contained a long life battery pack and was marked with a British military serial number. Shortly after the discovery of the device, the home of the van owner was raided by police forces in an apparent attempt to retrieve the device.

Sources

Sources¹⁸⁸.

¹⁸⁶https://republican-news.org/current/news/2014/09/spy_devices_found_on_tyrone_ma.html

¹⁸⁷https://republican-news.org/current/news/2009/04/injunction_bid_to_stop_informe.html

¹⁸⁸https://republican-news.org/current/news/2013/12/vicious_assault_in_black_ops_i.html

Derry, Northern Ireland, June 2012

A **GPS tracker** was found under the car of an Irish republican. It was located **inside the car's rear bumper** and **attached to the vehicle with magnets**. Shortly after the device was discovered, the car was seized by the Police Service of Northern Ireland (PSNI), and returned to the owner after a number of hours.

Pictures



Sources

Sources¹⁸⁹.

Lurgan, Northern Ireland, June 2014

A **GPS tracker** and a **listening device** were found on the car of an Irish republican. Parts of the device—battery packs and a transmitter—were hidden **behind the car rear bumper**.

Pictures



Sources

Sources^{190 191}.

Northern Ireland, December 1999

A **listening and tracking surveillance device** was found in a car used by Irish republicans. The device was **built into the body of the car in such a way as to make it impossible for anyone carrying out repairs on the vehicle to find the device**. It was able to track the location of the

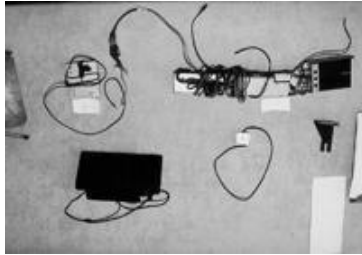
¹⁸⁹https://republican-news.org/current/news/2012/06/tracking_device_found_on_car_o.html

¹⁹⁰https://republican-news.org/current/news/2014/06/tracking_device_found_on_lurgan.html

¹⁹¹<https://www.bbc.com/news/uk-northern-ireland-27818441>

vehicle, record and transmit audio, and could be switched off and on by remote control. It included a microphone built into the middle of the roof of the vehicle, as well as rechargeable batteries wired to the car in such a way as to allow recharging only while the car is running. The wiring, which connected each part of the device, ran along the skin of the car.

Pictures



Sources

Sources¹⁹².

Northern Ireland, June 2013

Two bluetooth listening devices and a **tracking device** were found in the car of an Irish republican. The devices were hidden **on the underside of the driver's seat, underneath carpet in the rear passenger footwell and affixed behind the rear seats.**

Sources

Sources¹⁹³.

In buildings

Belfast, Northern Ireland, September 2004

A **listening device** was found in offices used by Irish republicans. The device, **disguised as a floor joist**, was hidden **under the floor of a first floor office with microphones pointing into the office and down into a conference room below.** It included a large battery pack.

Pictures



¹⁹²<https://republican-news.org/archive/1999/December09/09bug.html>

¹⁹³https://republican-news.org/current/news/2013/06/o_cuiv_talks_lead_to_psnr_raid.html

Sources

Sources^{194 195}.

Belfast, Northern Ireland, May 2015

A **listening device** was found in the home of an Irish republican. The device was **built into a joist in a space between the ceiling and a bedroom floor**. It contained several small listening devices that were attached to spotlights.

Pictures



Sources

Sources¹⁹⁶.

Belfast, Northern Ireland, February 2018

A **listening device** was found in the former home of an Irish republican, who had died ten years prior to the discovery of the device. The device consisted of a small microphone, hidden **in the ceiling of a downstairs room**, along with a number of battery packs found **under the floorboards of an upstairs bedroom**.

Pictures



Sources

Sources¹⁹⁷.

Derry, Northern Ireland, June 2005

A **listening device** was found in the home of an Irish republican. It was located **in a kitchen ceiling cavity**. The device included two aerials, batteries and a microphone.

¹⁹⁴<https://www.irishtimes.com/news/sinn-fein-to-show-bug-found-in-offices-to-blair-1.989974>

¹⁹⁵<https://www.telegraph.co.uk/news/1471702/Sinn-Fein-says-spy-bug-found-in-office.html>

¹⁹⁶<https://www.irishnews.com/news/2015/05/13/news/former-prisoner-finds-listening-device-in-ceiling-127202>

¹⁹⁷<https://www.irishnews.com/news/northernirelandnews/2018/02/23/news/questions-over-listening-device-found-at-former-home-of-senior-republican-1262171>

Pictures



Sources

Sources¹⁹⁸.

London, April 2018

Several surveillance devices were installed from 2015 to April 2018 in the Ecuadorian embassy in London to surveil Julian Assange, founder of the news organization Wikileaks, which had taken refuge in the embassy since 2012. During this period of time:

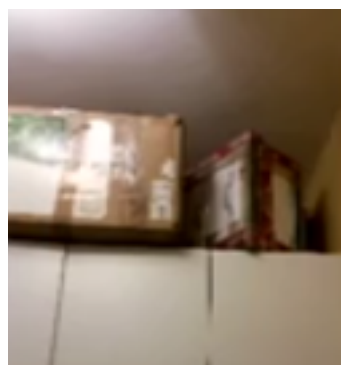
- **The interior cameras were replaced with higher resolution cameras equipped with hidden microphones.**
- **Microphones were hidden inside a fire extinguisher and above the storage cabinet in the bathroom used by Assange.**
- **Special stickers** were attached **on the exterior windows of the embassy** to facilitate the use of a laser microphone (able to capture audio by detecting the sound vibrations of the windows) from a building nearby.
- **A device capable of transmitting in real-time the information collected by the other devices** was installed.

The microphone inside the fire extinguisher was equipped with an SD card and a battery which was changed every twelve hours, while the microphone in the bathroom was connected to the electrical system of the building. The devices were installed by the Spanish company Undercover Global, officially in charge of the security at the embassy. Their installation appeared to have been ordered by the Central Intelligence Agency (CIA).

Pictures



The fire extinguisher where a microphone was hidden



The storage cabinet above which a microphone was hidden

¹⁹⁸<https://www.anphoblacht.com/contents/13735>

Sources

Sources¹⁹⁹.

Other

County Tyrone, Northern Ireland, May 2021

Three surveillance cameras were found overlooking a popular inn. They were **buried in a hill** at a certain distance from the inn. They included a transmitter and a battery pack.

Pictures



Sources

Sources²⁰⁰.

Derry, Northern Ireland, February 2021

A **listening device** was found in an allotment area. It was **disguised as a rock**. It contained two microphones.

Pictures



¹⁹⁹https://media.ccc.de/v/36c3-11247-technical_aspects_of_the_surveillance_in_and_around_the_ecuadorian_embassy_in_london

²⁰⁰<https://www.irishnews.com/news/northernirelandnews/2021/05/24/news/concerns-after-surveillance-cameras-found-near-popular-co-tyrone-hostelry-2332272>



Sources

Sources²⁰¹.

²⁰¹<https://saoradh.irish/saoradh-nuacht/f/british-military-intelligence-listening-device-found-in-derry>

United States

In vehicles

American Midwest, July 2023

A **tracking device** was found under the car of an activist who had been arrested two days earlier on an outstanding warrant. It was **attached under the rear axle of the car with strong magnets**. The device included a battery, a cellular antenna and a SIM card.

Pictures



Sources

Sources²⁰².

Boulder, July 2003

GPS trackers were found under three cars belonging to animal rights activists with ties to the ALF (Animal Liberation Front). They were **attached by powerful magnets behind the rear bumpers on the driver's side**. Each device contained a battery pack made of four lithium D cell batteries, a GPS antenna, a cellular antenna and a main component box. The component box contained a GPS receiver, a computer chip and a cellular modem. All the components were

²⁰²<https://itsgoingdown.org/michigan-activist-finds-gps-trackers>

wired together. According to the activists, the devices were probably planted by the FBI (Federal Bureau of Investigation).

Pictures



Sources

Sources²⁰³ ²⁰⁴.

Cincinnati, February 2008

A **GPS tracker** was found under the car of Marius Mason, member of the ELF (Earth Liberation Front). It was **attached to the car with magnets**. About a month later, Marius Mason was arrested by agents of the FBI (Federal Bureau of Investigation) and later sentenced to 22 years in prison for arson attacks.

Sources

Sources²⁰⁵.

Unknown location, 2005

A **GPS tracker** was found under the car of an animal rights and environmental activist. It was located **under the car rear bumper**. The device included a battery pack, a GPS antenna, a transmitter-receiver module and powerful magnets. It was installed by the FBI (Federal Bureau of Investigation).

Pictures



Overview of the device before being disassembled



Tip of the battery pack



The batteries

²⁰³<https://web.archive.org/web/20031027081256/http://www.infoshop.org/inews/stories.php?story=03/07/29/2752646>

²⁰⁴<https://web.archive.org/web/20080214211120/dc.indymedia.org/newswire/display/77270>

²⁰⁵<https://web.archive.org/web/20080331015835/http://www.infoshop.org/inews/article.php?story=20080207224512963&query=cincinnati>



Transmitter-receiver module (closed)



GPS antenna



GPS antenna board



Side of the transmitter-receiver module



Transmitter-receiver module (open)



Transmitter-receiver module (open)



Transmitter-receiver module (open)



Module providing the GPS signal



Module providing the GPS signal (other side)



Module providing RF transmission capabilities



Module providing RF transmission capabilities (other side)



Overview of the device after being disassembled

Sources

Sources^{206 207}.

Unknown location, 2014

A tracking device was found on a truck. It was attached with a magnet to the frame of the truck.

Pictures

²⁰⁶<https://www.wired.com/2011/05/gps>

²⁰⁷<https://www.wired.com/2011/05/gps-gallery>



Sources

Sources^{208 209}.

²⁰⁸<https://www.copblock.org/76188/tacoma-copblockers-question-identity-of-electronic-device-found-on-truck>

²⁰⁹<https://www.youtube.com/watch?v=rnzBY5ZctZ8>

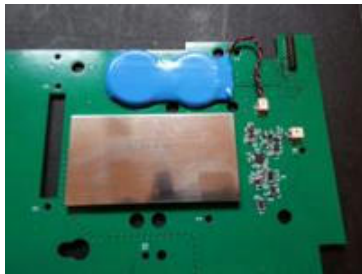
Unknown country

Other

Unknown location, March 2018

A **surveillance device** was found **inside the desktop phone** of a journalist targeted for their support to the news organization Wikileaks. The phone, a “Cryptophone” based on the “Snom 870” desktop phone, enabled encrypted voice communications with other Cryptophones. The surveillance device included a battery pack and a shielded module with several electronic components. It was able to record what was said on the phone and could be triggered remotely through radio frequencies to send the recorded data. Components of the phone were modified to install the surveillance device. The surveillance device was probably installed by the CIA (Central Intelligence Agency).

Pictures



Modified version of the phone largest circuit board (with surveillance device). The battery pack (in blue) and the shielded module (in light brown) are part of the surveillance device.



Modified version of the phone largest circuit board, with the cover of the shielded module removed.



On the left: modified version of the phone largest circuit board (with surveillance device) without the battery pack. On the right: unmodified version.



The phone smallest circuit board, with added wiring to allow recording of audio by the surveillance device on the other circuit board.

Sources

Sources^{210 211}.

²¹⁰https://media.ccc.de/v/rc3-11512-cia_vs_wikileaks

²¹¹<https://web.archive.org/https://buggedplanet.info/lost+found/20180323>

Contribute to Ears and Eyes

Contact

Do you know a case that is missing from our database? Would you like to edit one that is currently listed? To contribute to Ears and Eyes, whether through additions, improvements, criticism or feedback, get in touch with us:

notrace@autistici.org (PGP)

Translations

To coordinate translations across the No Trace Project, we use the collaborative localization platform Weblate. To translate Ears and Eyes to a new language or improve an existing translation, register an account on the Weblate instance used by the No Trace Project²¹² (you'll need an email address) and follow the instructions²¹³. All languages are welcome.

²¹²<https://weblate.anarchyplanet.org>

²¹³<https://weblate.anarchyplanet.org/projects/ntp/#information>

Ears and Eyes is a searchable database of cases of physical surveillance devices (microphones, cameras, location trackers...) hidden by law enforcement and intelligence agencies to surveil people or groups engaged in subversive activities.



No Trace Project / No trace, no case. A collection of tools to help anarchists and other rebels **understand** the capabilities of their enemies, **undermine** surveillance efforts, and ultimately **act** without getting caught.

Depending on your context, possession of certain documents may be criminalized or attract unwanted attention—be careful about what zines you print and where you store them.