



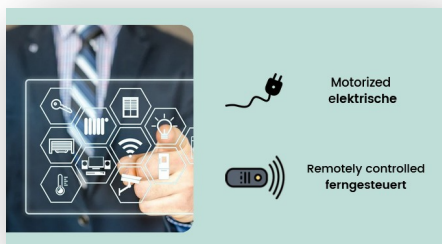
SCRIPT

SECTOR: ELECTRONICS AND ELECTRICAL ENGINEERING
IN GERMANY

TOPIC: GET TO KNOW ESSENTIAL ELECTRONIC APPLICATIONS
AND THE VOCABULARY IN GERMAN



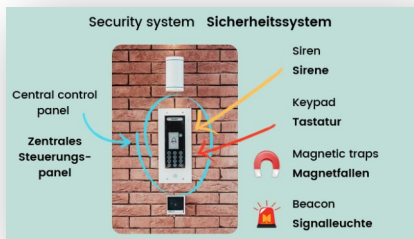
In the household, there are many electronic applications **Elektrogeräte** that play an important role in daily life like refrigerator **Kühlschrank**, ovens **Herd**, air-conditioners **Klimaanlage** and cloth washers **Waschmaschine**.



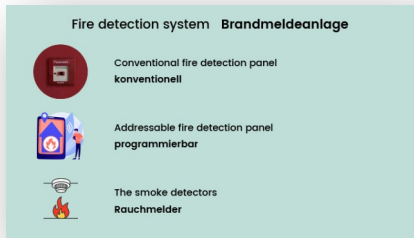
The smarter the home becomes the more advanced electronic devices there are. Modern households can monitor energy consumption and control the function of all the devices indoors and outdoors. Motorized **elektrische**, remotely controlled **ferngesteuerte** blinds and rollers can help people create a nice atmosphere at home.



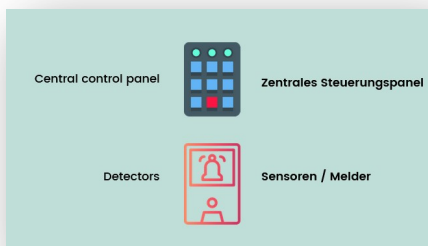
Motorised and remotely controlled awnings and pergolas can offer a pleasant experience on the balcony or the terrace as well as protect the home interior. All these systems can be also controlled through smartphone applications **Smartphone Apps** the providers produce to help their customers.



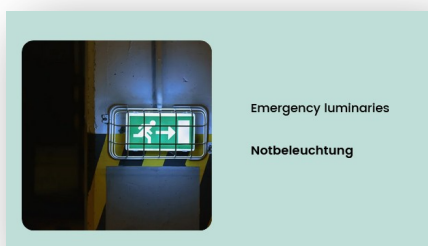
Security at home is an important issue nowadays. An electronic technician can provide reliable solutions to ensure the buildings' security. They can install a security system **Sicherheitssystem** and all the peripheral devices including the central control panel **zentrales Steuerungs-panel** with embedded siren **Sirene** and keypad **Tastatur**, the magnetic traps **Magnetfallen** and the outdoors siren or beacon **Signalleuchte**.



Also related to security, an electronic technician can install a fire detection system **Brandmeldeanlage** and its peripheral devices including either a conventional **konventionell** or an addressable **programmierbar** fire detection panel. The peripherals include either simple or addressable smoke detectors and activation modules for electrovalves. The smoke detectors **Rauchmelder** can be either photoelectric or beam.



More advanced security systems can be installed for gas detection, leak detection, heat detection and glass break detection. The overall system includes the central control panel **zentrales Steuerungs-panel** and the detectors **Sensoren / Melder**.



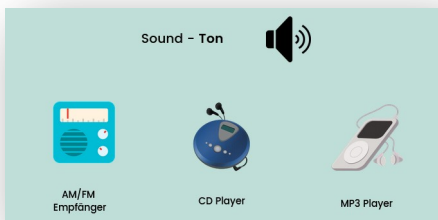
Another important issue for buildings' security is the installation of emergency luminaries **Notbeleuchtung**. Either a conventional or an addressable luminaries control panel can be installed.



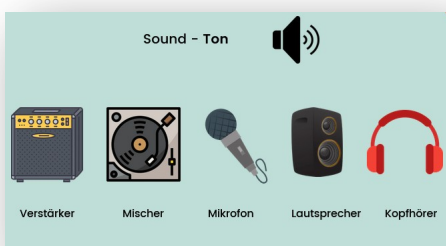
Modern lighting **Beleuchtung** integrates a lot of electronics. Lighting devices can be controlled and monitored. The user can also have remote access **Fernbedienung** and control them with a mobile device application **Mobiles Gerät / App**. Smart sensors **smarte Sensoren** and motion detectors can be installed and activate the lighting.



Audiovisual **audiovisuelle** electronics integrate high-tech electronic technology and they seem to lead the modernisation of the society. Various kinds of displays serve modern needs either for work or amusement. Audio-video conferencing systems **Audio- / Videokonferenzsysteme** unite people, saving time and money.



Sound **Ton** is an important technical issue where electronic technology offers modern choices. AM/FM tuners **AM / FM Empfänger**, cd players **CD-Player**, and MP3 players **MP3-Player** are quite popular.



Amplifiers **Verstärker** and mixers **Mischer** efficiently support any kind of sound installations. Microphones **Mikrofone**, both wired and wireless, and speakers **Lautsprecher** including Bluetooth support various needs. Headphones **Kopfhörer** are also quite popular.

LIST OF VOCABULARY

SECTOR: CONNECTION PLANS IN ELECTRONIC ENGINEERING
IN GERMANY

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GERMAN	YOUR LANGUAGE
<i>Elektrogeräte</i>	
<i>Kühlschrank</i>	
<i>Herd</i>	
<i>Klimaanlage</i>	
<i>Waschmaschine</i>	
<i>elektrische</i>	
<i>ferngesteuerte</i>	
<i>Smartphone Apps</i>	
<i>Sicherheitssystem</i>	
<i>zentrales Steuerungspanel</i>	
<i>Sirene</i>	
<i>Tastatur</i>	
<i>Magnetfallen</i>	
<i>Signalleuchte</i>	
<i>Brandmeldeanlage</i>	
<i>konventionell</i>	
<i>programmierbar</i>	
<i>Rauchmelder</i>	
<i>zentrales Steuerungspanel</i>	
<i>Sensoren / Melder</i>	
<i>Notbeleuchtung</i>	
<i>Beleuchtung</i>	
<i>Fernbedienung</i>	
<i>Mobiles Gerät / App</i>	
<i>smarte Sensoren</i>	
<i>audiovisuelle</i>	
<i>Audio- / Videokonferenzsysteme</i>	
<i>Ton</i>	
<i>AM / FM Empfänger</i>	
<i>CD-Player</i>	



<i>MP3-Player</i>	
<i>Verstärker</i>	
<i>Mischer</i>	
<i>Mikrofone</i>	
<i>Lautsprecher</i>	
<i>Kopfhörer</i>	