

Sound Emitter

Design: Modern, unique design and the world's most compact sound emitter system

Efficiency: Outstanding sound output and sound quality with 360° all-around sound coverage

Installation: The entire unit is delivered for quick and easy installation

Quality: Maximum reliability thanks to high-quality materials and components

Environmental Conditions: Wind load resistance of up to 180 km/h and temperature resistance from -20°C to +60°C

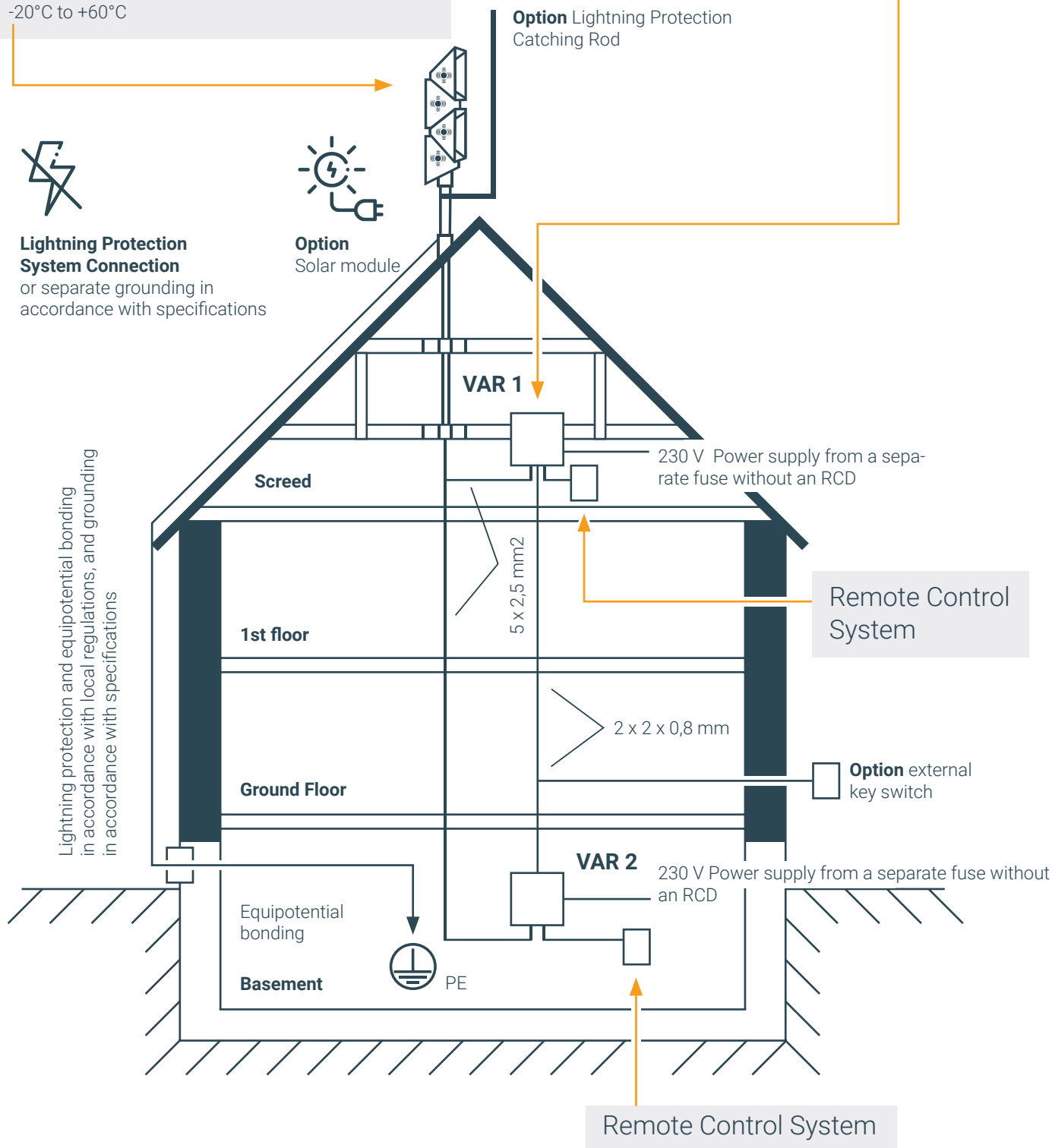
Control Unit

Design: The world's most compact siren control unit

Swiss Engineered: Reliable siren control unit, developed and manufactured in Switzerland

Functions: Intelligent monitoring and status reporting for interface systems, plus real-time device monitoring

Off-grid: Long off-grid operation thanks to built-in batteries



Your professional and reliable partner for efficient alarm and warning systems.

- ✓ More than 5,200 stationary and mobile sirens in Switzerland and 25,000 worldwide
- ✓ In-house Installation and Service Department
- ✓ Spare Parts Guarantee Provided
- ✓ 24/7 Technical Support
- ✓ Efficient Order and Delivery Processing

Choose safety and quality, where it matters most.

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+41 44 820 31 91

All information about our products and services is also available online:

www.kockumsonics-ag.ch/en



Reliable and innovative siren systems for greater safety.

Our strength is your benefit.

 **Kockum Sonics**
#togetherforsafety

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Our strength is your benefit.

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Kockum Sonics – We have been experts in the field of large-scale alert and warning systems since 1961.

Alarm Technology – Stationary Siren Systems

TYFONIC® Delta Sounder
Modern, high-performance design

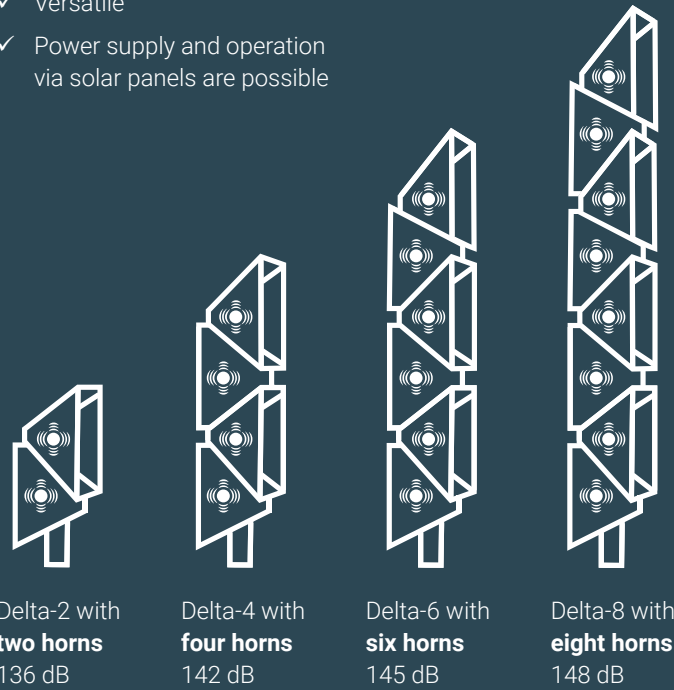
The TYFONIC® Delta series of electronic sounders stands out for its modern design and outstanding sound quality. The modular Delta models are ideally suited to harsh outdoor conditions. They are perfect for urban areas with high background noise, for wide-area sound coverage in rural settings, and for industrial facilities. Sound propagation through the uniquely folded horn guarantees nearly perfect 360-degree all-around sound coverage.

The distinctive shape of the sounder and the compression elements used ensure high acoustic efficiency. The materials used in the sounder were selected to meet the highest standards and withstand all climatic conditions. The siren is maintenance-free and easy to install, whether on a building wall, on the roof, or on a freestanding mast. Our siren control units are designed to optimally control the TYFONIC® Delta siren.

The TYFONIC® Delta sound emitters comply with EU directives as well as the requirements of the Swiss Federal Office for Civil Protection and the German Federal Office for Civil Protection and Disaster Assistance. The TYFONIC® Delta sound emitters have been tested and certified by the Swiss Federal Institute of Metrology (METAS).

Advantages

- ✓ Unique design and the world's most compact sound emitter system
- ✓ Outstanding sound output and sound quality with 360° all-around sound coverage
- ✓ Delivered as a complete unit for quick and easy installation
- ✓ Very long service life
- ✓ Maintenance-free sound emitter
- ✓ Excellent static properties
- ✓ Versatile
- ✓ Power supply and operation via solar panels are possible



AT Siren Control Units – Swiss Engineered

Modern design, combined with outstanding functionality and quality

The AT Global siren controllers, when used in conjunction with the TYFONIC® Delta sounder, offer outstanding technical and acoustic performance and are based on the latest technology.

The siren controller was developed in Switzerland and sets new standards in the field of alarm, warning, and information systems through innovative implementations.

Our siren control units can be supplied with additional interfaces for siren control receivers as well as a microphone connection for voice announcements.

The siren control units are designed for all power levels of the sounder types. Various parameters can be individually configured, and all activities are recorded in the internal logbook. The temperature-compensated, integrated charger ensures gentle recharging of the batteries. The batteries, covers, and cable sets are part of the system equipment and are included in the scope of delivery.

The alarm is triggered manually via a key switch built directly into the control unit or via the integrated display. Optionally, an external trigger point (key switch) can also be installed. The status of the external trigger point and the cable connection is monitored “end-to-end” at all times. Errors are detected, reported, and, if necessary, the remote key switch is deactivated.

This prevents malfunctions and false alarms, such as those caused by improper handling during construction or renovation projects or by weather conditions.

Our siren control units can be integrated into third-party systems such as fire alarm systems. For redundancy, we recommend connecting them to our web-based remote control system. This allows alarm signals and status checks to be performed anytime and anywhere.

The siren control units comply with EU directives as well as the requirements of the Swiss Federal Office for Civil Protection and the German Federal Office for Civil Protection and Disaster Assistance. The siren control units have been tested and certified by the Swiss Federal Institute of Metrology (METAS).

Advantages

- ✓ Swiss Engineered & Manufactured in Switzerland
- ✓ Very high system availability and operational reliability
- ✓ Very compact and user-friendly design with simple menu navigation
- ✓ Extremely long battery life
- ✓ Various and multifunctional serial interfaces
- ✓ Integration of siren control receivers and third-party systems is possible
- ✓ Intelligent monitoring and status reporting for interface systems (external trigger points)
- ✓ Voice announcements are possible
- ✓ Extremely powerful with very high efficiency
- ✓ A simple, low-maintenance, and modular system



Railway Technology



Pneumatic and electronic sirens for rail vehicles

The TYFON® is a pneumatic siren that was first used as a train siren as early as 1920. The TYFON® siren horns have undergone continuous development and are still in use today on all types of rail vehicles. The electronic TYFON® is used in locomotives with a limited supply of compressed air, such as trams or subways.

Advantages

- ✓ Corrosion-resistant, lightweight thermoplastic funnel
- ✓ Virtually unlimited membrane service life
- ✓ High acoustic performance
- ✓ Low air consumption
- ✓ Maintenance-Free Siren Horn
- ✓ Weather-resistant
- ✓ Compliant with standards

Accessories and Installation Supplies

Upon request, we can supply all installation materials and various accessories to ensure a perfect installation.

Remote Control System



Remote control system for stationary sirens

With our remote control device, alarms can be triggered via a web-based application, and the siren's status can be viewed anytime, anywhere. The remote control system provides perfect redundancy for manual triggering or triggering via a third-party system. It is an ideal remote control solution for industrial facilities and public infrastructure.

Advantages

- ✓ Redundancy for manual triggering or for a third party system
- ✓ Location-independent
- ✓ User-friendly web application
- ✓ Easy Connection and Commissioning

