

TS85 LED

INTRUSION OUTDOOR SIREN

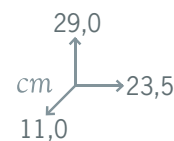
Italian design and quality
with indication
of system status

Range of products

TS85 is the range of siren designed for the intrusion sound warning in medium and large systems.

Available in 3 different models with specific performance; led optical flash part, possibility to display the status of the system. Classic designs in ABS, painted metal and stainless steel Cover ; flexible to be adapted in every situation.

TS85 LED



TS85P LED Plus



TS85V LED Plus



TS85X LED Plus

Functional plus

LED INDICATOR - depending on the model, the siren includes 2 red and a green high light intensity. LED that allow a perfect visualization both in day and night.



FLASH MODE - three different operation modes, one who follows the alarm, instead, the other two, are used to display the occurred memory alarm.

ACOUSTIC CUSTOMIZATIONS - an high efficiency electromagnetic cone ensures excellent acoustics. 8 different volume levels and 8 selectable different tones allow TS85 customizations, in base of the different Environment.

TIMER CONTROL- the technology used allows useful controls during the installation phase (e.g.: block during installing) and during normal operation (e.g.: count of the alarms in 24 hours).

Security

OVERALL PROTECTION - the accelerometer is an innovative digital technology that recognizes tear-off and tampering without additional electromechanical protection devices. Drilling and aggression with tools, flame are detected and reported on a dedicated output.

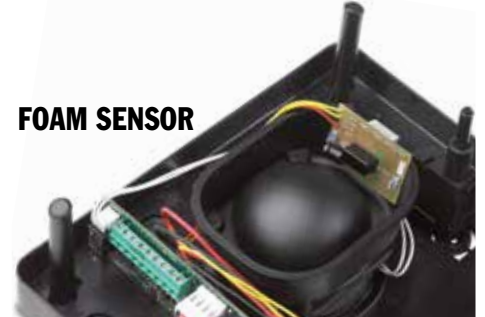


FOAM SENSOR - an optional dedicated optical module, immediately detects and reports the presence of foaming substances that may affect the noise level.



DURABILITY - To ensure reliability over time and in different weather conditions, all electronic circuits are tropicalized with high-strength resins.

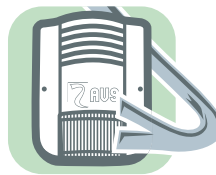
FOAM SENSOR



Mechanics

All the TS85 sirens range have a high standard of safety.

TS85P LED PLUS: the quality and the thickness of the “high density” ABS used for cover and the base box makes it extremely light, and at the same time robust at the “burglary”.



TS85V LED PLUS and **TS85X LED PLUS** sirens are high robustness range, respectively painted metal or stainless steel lids, make these siren safe and unassailable.

In all models of the range is inserted an additional inner metal or stainless steel cover, in defense of the electronic circuit and electromagnetic cone, which increases the protection of the siren.



Installation

INSTALLING - the bottom of the container is equipped with a position indicator bubble that provides a fast, easy and accurate siren positioning on the wall.

ACOUSTIC BLOCK - the circuit includes a block to the Start Up which allows you to install the siren with battery even in absence of power, there is also a control that locks the cone, avoid undesired noise.

MAINTENANCE - to help the installation and scheduled maintenance, the bottom is comprehensive of a hook to support the open cover.

Design




COLORS - TS85 is available in three different chromatic finishing, Classic Ivory ABS look, Classic Ivory Metal Look and Stainless steel Look.

FLASH GEMS - a small but important element of design that makes it particularly attractive. Available in four different colors: Blue, Transparent, Orange and Red.



The best solution and design for intrusion warning

TECHNICAL FEATURES

			
Power 9,6 - 15 Vdc	•	•	•
Consumption in stand by: 20 mA	•	•	•
Consumption in alarm: 2,5 A max	•	•	•
Consumption restrictor after 10 sec.: max 100mA	•	•	•
Frequency: from 1300 – to 1750 Hz	•	•	•
Frequency: 1750 Hz			
Sounding power: 105 dB (A) at 3 mt	•	•	•
Battery Self-test every 24 hours	•	•	•
Negative output for failures: battery - Cone - watch dog microprocessor - LED and Flash	•	•	•
Mechanical tamper (tamper / tear)	•	•	•
Accelerometer: Anti-tear, drilling and temperature	•	•	•
Flash LED	•	•	•
Red LED indicator - programmable	•	•	•
Green LED indicator - programmable	•	•	•
Programming commands: Balanced / NC with positive or negative to give or to miss	•	•	•
Optional Antifoam (S85)	•	•	•
Anti-Drilling Internal metallic protection	•	•	•
Battery: 12V 2,1 Ah Pb	•	•	•
Protection against polarity inversion	•	•	•
Operating Temperature: from -25°C to +55°C	•	•	•
Level indicator (bubble)	•	•	•
Dimensions: (PxLxH) mm	110 x 235 x 290		
Weight Kg	2.0	2.1	2.1
Protection Grade IP 34	•	•	•
EN 50131- 4 norm conformity	•	•	•

FUNCTIONAL CHARACTERISTICS

8 programmable acoustic tones	•	•	•
Main Tone with dedicated input	•	•	•
Alternative Tone with dedicated input	•	•	•
Adjustable Acoustic Power	•	•	•
FLASH mode / Alarm Memory	•	•	•
Alarms Encoding: 5 in 24 hours or unlimited - Programmable	•	•	•
Alarm sound maximum duration: from 1 to 8 min.	•	•	•
Block at 1st main connection	•	•	•
Timer emergency block	•	•	•
Block at Start Up	•	•	•



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