



# SP 281

## Visual Noise Alert System for SVANTEK Sound Level Meters

**SP 281 Signal Tower Light** is an visual noise alert system designed to operate with SVANTEK sound level meters. The device transforms acoustic measurement data into clear, easy-to-understand visual signals, providing immediate awareness of current noise conditions in the workplace. Its intuitive three-color signaling system (green-yellow-red) allows personnel to instantly identify safe, warning, and exceedance conditions, enabling faster response to excessive noise exposure.

The system supports workplace safety programs and noise control initiatives by increasing awareness of hazardous sound levels and helping organizations maintain compliance with occupational health and safety requirements.

Configuration is performed directly through the connected sound level meter, eliminating the need for additional software and ensuring simple plug-and-play deployment. With its rugged enclosure and flexible mounting options, the SP 281 is ideally suited for production facilities, warehouses, logistics centers, and other industrial environments where immediate visual indication of noise threshold exceedance is essential.

### Technical Specification

Functions	Visual noise alert tower for real-time indication of noise threshold exceedance
Supported meters	SV 971A Class 1 Sound Level Meter
Visual Signaling	Green – safe level Yellow – threshold 1 exceeded Red – threshold 2 exceeded
Alarm Thresholds	User configurable from SLM (from 25 dB to 120 dB)
Mounting Options	Magnetic feet and wall mount (vertical or horizontal installation)
Environmental Conditions	Indoor use only
Communication Interface	USB-C
Power Supply	12 V DC / 1 A USB-C Power Delivery (power supply with 12V@1A mode)
Dimensions	370 × 100 × 70 mm (14.57 × 3.94 × 2.75 in)
Weight	370 g (0.82 lbs)
List of contents	SP 281 Tower Light with dedicated power supply SC 159 USB-C Communication Cable (1m)

