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# weather-proof IP66 optical and acoustic telephone call repeater, 120dB@1m 5÷21 Joules, visible @360° model SAX450T

## PHONEALERT®



**PHONEALERT® SAX450T** is a robust weather-proof industrial **acoustic** and **optical** repeater of telephone calls, designed to be installed in highly noisy areas. It is composed by three modules respectively dedicated to optical signal, acoustic howler and power-supplier. The modules are made of aluminium light-alloy **IK10**, weather-proof **IP66**.

### Flashing Module

The flashing module is equipped with a polycarbonate lens and a **Xenon lamp 5÷21 Joules**.

### Acoustic Module

The acoustic module is equipped with an electronic howler generating a alert tone up to **120dB@1m**. The output level can be adjusted by an internal trimmer. Up to 8 melodies can be setted by internal DIP switches.

### Activation on Telephone Call detection

Both the optical and acoustic modules are activated on detection of the call voltage on a analogue telephone line. The ring detection circuit is capable to detect call voltages 35÷90Vca (25/50Hz).

### Rhythm of the Call Repetition

The **SAX450T** can repeat exactly the same rhythm of the telephone call rings (Synchronous Mode) or it can work also during pauses between rings (Asynchronous Mode). This function can be selected by internal jumpers.

### Power-supply

230Vac (or 24÷35Vdc)

Shock-Resistance: .....IK10 (lens IK09)  
Working temperature: .....-40 °C + 70°C  
Body: ..... aluminum  
Color of body: ..... Orange (other colors on demand)  
Color of Lens: ..... White (other colors on demand)  
Mounting: ..... on wall  
Wiring: .....screw terminals 2,5mm<sup>2</sup>  
Dimensions: .....330 x 110 x 117 mm  
IP Rating: ..... IP66  
Weight: ..... 3,6 kg  
Cables inlets: .....2 holes Ø20mm, cables Ø5÷8mm

### Order references

SAX450T-5J .....Xenon 5 Joules (\*) 230Vac  
SAX450T-10J ..... Xenon 10 Joules (\*) 230Vac  
SAX450T-15J ..... Xenon 15 Joules (\*) 230Vac

(\*) valid for white lens

