



# SKY NG RADIO for telescopic forklift

## Radio detector

# POWER LINE DETECTOR

### Protect persons and property thanks to high voltage overhead electric lines detector

SKY NG RADIO is a detector of high voltage lines : MT (<50 kV) and HV (>50 kV). SKY NG RADIO warns the user with an acoustic and visual signal when the lifting device enters a danger zone at a distance between 3 and 6 m of a high voltage line.

#### ➤ PRESENTATION

SKY NG RADIO is composed of several sensors, depending on the length of the arms which communicate permanently with the central unit. A box of visualization and acknowledgment of the alarms placed in the visual field of the driver completes this equipment. As an option, an outside box of visualization and acknowledgment of the alarms is proposed, in order to avoid to the driver to go up in the cabin.

#### ➤ OPERATION

The SKY NG RADIO starts when the machine starts.

The detection of the electric field turns on the acoustic alarms (buzzer) and visual alarms of the boxes of visualization (inside and outside, if option chosen).

The driver can turn off the acoustic alarm for 20 minutes by pushing the button "acknowledgment". The light remains active. A sound alert will then be emitted regularly (every 30 seconds) to indicate the danger. After 20 minutes, the system resets.

#### ➤ TECHNICAL CHARACTERISTICS

- ✓ For a multi-sensors configuration, the configurable detection threshold upon installation varies from 3 to 6 m from a high voltage line
- ✓ Measurement accuracy :  $\pm 1$  m for a moving speed of 1 m/s
- ✓ Power supply : 24 VDC or 12 VDC
- ✓ Dimensions : 160 x 85 X 45 mm (sensor), 160 x 130 x 60 mm (CU), 145 x 85 x 90 mm (inside visualization box)
- ✓ Waterproof standard : IP65, IP22 for inside visualization box.
- ✓ Temperature range : -20 °C to +60 °C
- ✓ Self-test system at each power-on
- ✓ The sensibility limits of the device does not allow to detect 230 V to 380 V power lines
- ✓ The system does not detect the presence of direct current voltage



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