



AC-50

PAS: Pedestrian alert system

Product description

AC-50 provides an immediate indication of the location and the status of a localized tag to improve the supervision and identification capacities.

It uses low frequency signals to generate a secure zone around a forklift. If a T-10 or TZ-50 activate tags go in this zone, the AC-50 can activate up to 2 relays to warn driver and pedestrians.

Elements

AC-50 activator is composed by one RF antenna, two uncoupled LF antennas, 2 relays outputs, 1 digital output optocoupled, 3 digital inputs optocoupled and 4 leds for indication.

Each uncoupled antennas is supplied with 5m wire.

Uncoupled LF and RF antennas

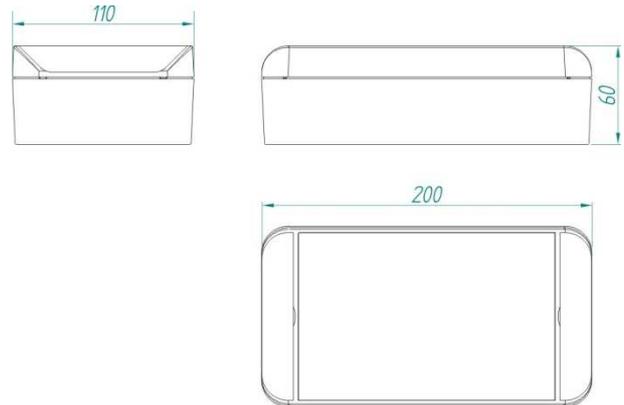
The RF antenna is installed in the AC-50, whereas the LF antennas are installed, generally, in the front and rear of the forklift. The LF antennas allow detecting a T-10 or TZ-50. The RF antenna receives the warning message from T-10 or TZ-50.

We do not recommend putting any antenna into the truck's arms due to their swinging behaviour that won't allow the protection area to remain fixed.



This equipment may only be opened by qualified personnel. Handling or opening by unauthorized personnel may result in loss of warranty. The successful and good performance of this team says has been transported, stored.

Technical specifications



Dimensions: 200 mm x 110 mm x 60 mm

Weight:	800g
Material:	ABS + PC
IP protection:	IP 54
IP protection with accessories:	IP 65
Detection Range:	Configurable 0,5 - 6,5m
Alimentation:	24VDC
Consumption:	1A
Radiated Power	0dBm (1mW)
T ^a Operating	-10°C, +60°C
Cabling:	2 braided cables
Indicator light:	Flash led
Indicator acoustic:	Adjustable buzzer type
Response time:	400ms

