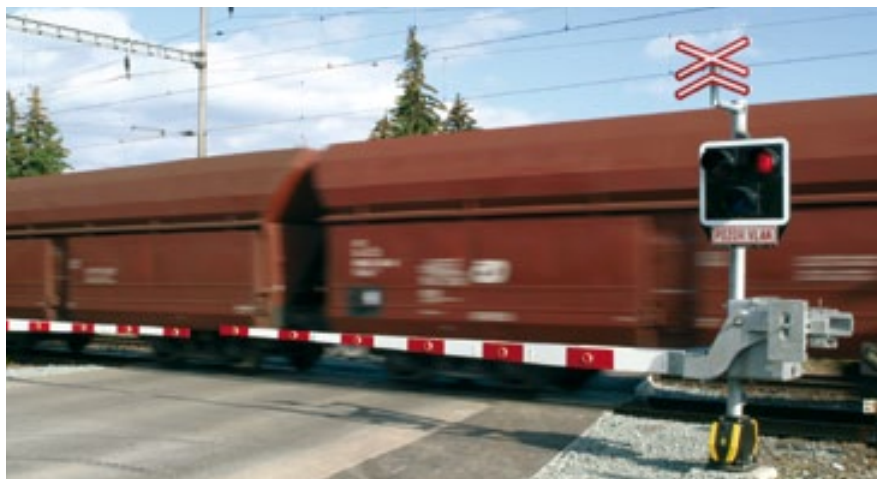




# WARNING BOARD AŽD 97-PV

- Plastic design
- Bulb or LED lamps
- Electric strength 4 kV
- Phantom effect suppression
- Two warning boards can be installed on a single mast
- Fitting of electronic chime
- Optical or voltage supervision of warning board lights
- Modification according to local signalling custom



### General Description

AŽD 97-PV warning board is a part of the level crossing providing the road traffic users with positive signalling and signalling the warning or the alert state (light or acoustic).

This warning can be supplemented by a positive signalling of white

flashing light informing road users that there is no danger of a train approaching the level crossing.

### Basic Technical Description

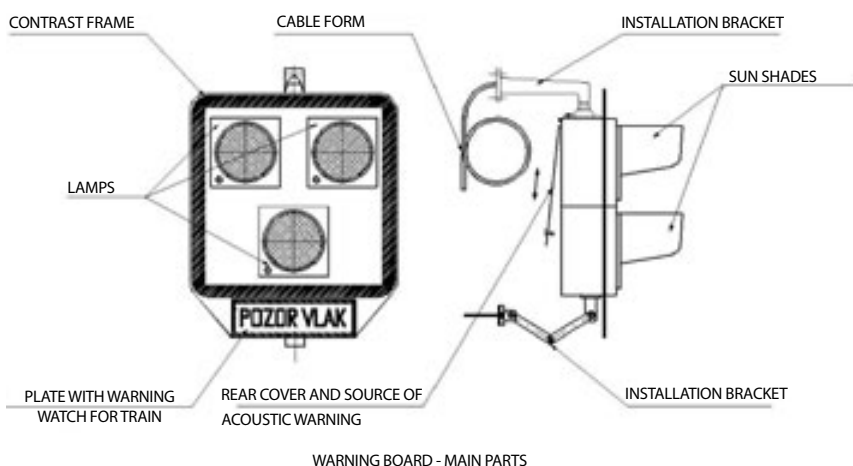
Use of plastic lamps fitted by double filament bulbs with a prolonged service life and with plastic colour filters (in appropriate signal

colours) or LED lamps with transparent filters and in both version with higher mechanical resistance against the vandals.

Lamps are installed in a plastic contrast frame supplemented by the plate with warning „WATCH FOR TRAIN„.

The source of acoustic warning is installed on the back side of the contrast frame between lamps. This space can also be equipped with the source of acoustic signal for blinds.

The warning board is supplemented by a special mast mounting set.



AŽD 97-PV warning board – main parts



### Basic Technical Parameters

Weight	warning board	approx. 20 kg
	mast according to a type	approx. 134–140 kg
Power supply	bulbs	12 V (–25%)
	LEDs	9–24V (–25%)
Electric strength	acoustic warning	24 V (+25%, –10 %)
	between live parts and frame	4 kV
Working temperature range	between galvanically separated circuits	500 V
		–40 to +65°C
Cover rating	warning board lamps	IP 53
	warning board area with acoustic warning	IP 43
	interior of warning board base	IP 44
Service life		20 years

