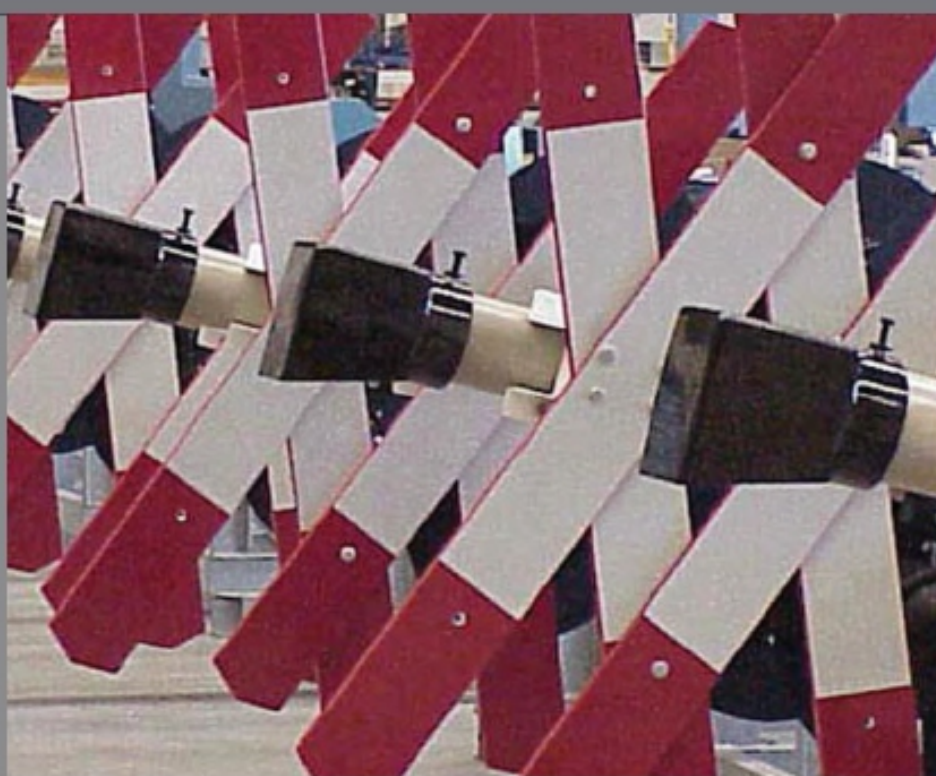


Electronic Bell Assembly (EBA)

Many railway crossings are still equipped with electromechanical bells. The disadvantage of such bells is that they may malfunction due to mechanical reasons, such as corrosion. The Transport System Solutions electronic bell assembly does not have these disadvantages. It can withstand virtually all weather circumstances and handle almost all supply voltages.



Not only for railway

The Alkmaar Railway Signaling electronic bell assembly (EBA) replaces the electromechanical bell. The EBA can not only be used for railway crossings, but for example also in systems for closing off bridges. A special feature is that the sound level can be adjusted and that the bell has a day/night switch. These innovations make the electronic bell assembly suited for use in any environment.

Stand-alone or built-in

The casing of the electronic bell assembly is made of cast aluminium. This makes the bell suitable for all weather conditions, including tropical climates. The EBA can be used as a stand-alone unit, but it can also be built in by mounting the loudspeaker behind a grid in a signal back plate. In the latter case, the controller board can be accommodated in the terminal box.

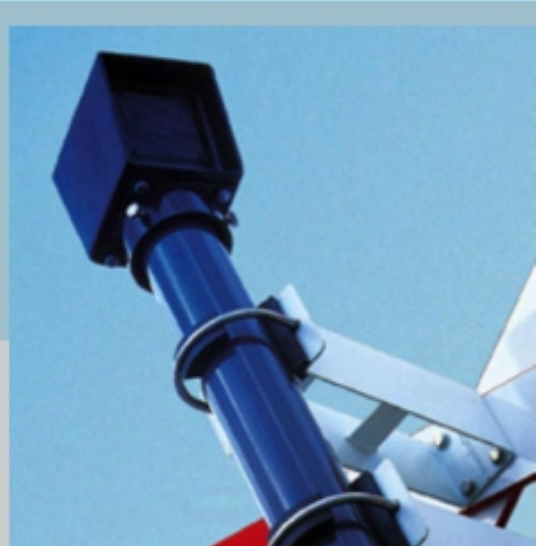
The electronic bell assembly can handle a large variety of supply voltages. Almost all types of barrier mechanisms in the Netherlands are equipped with an

for use
anywhere in
any type of
weather



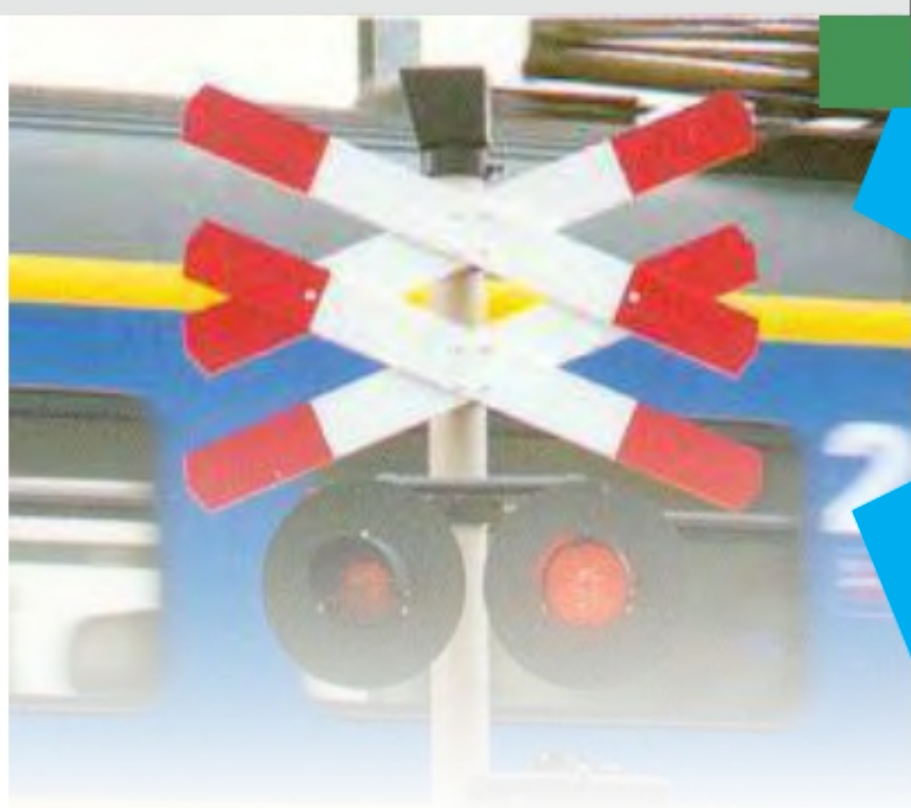
Alkmaar Railway Signaling electronic bell assembly. The bell is available in a number of different tones.

- Solid and weatherproof casing of cast aluminium
- Stand-alone or built-in
- Available for various supply voltages
- Adjustable sound levels and tones
- Day/night switch for decreasing sound level
- High operational reliability



Specifications

Material	Cast aluminium
Weight	5 kg
Colour	RAL 9005 (black)
Dimensions	220 mm x 175 mm (exclu-sive of mast flange)
Degree of protection	Mechanical: IP44 according to IEC 529 Loudspeaker: IP67 according to IEC 529
Supply voltage	10 to 18 V DC / 16 to 36 V DC / 20 to 27 V DC / 230 V DC
Sound	Various tones and frequencies available
Sound level	Nominal 83 dB(A) \pm 2
Night position	-6 dB(A) \pm 2
Temperature range	-25 °C to +50 °C in accordance with IEC 68-2-38
Voltage-current pulse text	In accordance with IEC 801-5 level 4
Insulation value	3 kV



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