

Height warning system HWA – simply and fast.



The portable height warning system HWA serves the purpose of preventing bridge damage and vehicle damage not only during construction work measures or in changed traffic control systems. At a certain distance in front of the bridge or underpass, the height of all entering vehicles is measured by means of a heated special light barrier system. When the present vehicle height is exceeded, an acoustic alarm is released for five seconds. At the same time, the highly luminescent 300-mm two-piece LED signal heads erected approximately 30 metres in front of the bridge or underpass switch for that particular vehicle from yellow to continuous red. The too high vehicle is stopped. As a result, damage to building structures and vehicles is effectively prevented.

Depending on the options available in each case, the system is reset using a key, time module, radio transmission or SMS. The height warning system can be set up easily and quickly at any location with our portable stand system. Precise alignment can be achieved using our separately available laser aligning guide set. The voltage is supplied via 12V batteries or via a 230V power

supply system. The control unit is accommodated in a watertight, lockable casing IP 66 and possesses a mains-battery switchover function as a standard feature as well as low voltage protection and reverse polarity protection. All parts, such as light barriers, horn, signal heads and key-operated push-buttons are connected by means of watertight plug-in connectors IP 67.

Application areas for the height warning system HWA are, for example: bridge structures, railway underpasses, tunnel passage roads, workshop entrances, underground or multi-storey car park entrances.

Technical data:

Supply voltage: 12V DC and 230V AC
Range of the light barrier: 0 to 60 m
Protection class: IP 67
The light barrier consists of:
heater and weather protection cover