Protection of Motorcycles in Museums and Private Collections

We protect your values!

The prices for two-wheel classic bikes have risen sharply in recent years, as have the prices for four-wheel classic vehicles. Not only is this true for classic but also for racing motorcycles. Museums and private collectors therefore focus on collecting these objects.

The protection of motorcycles can prove to be quite complex. Motorcycles are equipped with add-on parts such as tank caps and carburettors which are easily detachable. Painted surfaces and old and brittle leather benches can also be damaged by physical contact.

The required protection needs to be inexpensive, invisible and quickly installed. It should be active before the vehicle is touched. If necessary, the owner must have unrestricted access to their vehicle. Structural changes to the bike are of course not permitted.

The Solution with Human Detector

Available Systems - such as laser scanners - are not suitable for the protection of motorcycles. They are expensive and lead to an increase in false alarms, as it is difficult for visitors to notice the cordoned off area. Structure-borne noise sensors only report an "attack" when the vehicle is hit. PIR motion sensors are not accurate enough.

The **Human Detector** alarm sensor is installed in the immediate vicinity of the motorcycle to be secured. Ideally, for example, it can be hidden under a platform. The capacitive proximity sensor is connected to the bike. It is possible to connect other vehicles to each other so that they are all secured. If the vehicles' metallic surface is touched, an alarm is immediately triggered. The Sensitivity of the safety mechanism can be set so that the alarm is triggered even before the actual contact is made, if desired.

The protection set-up described above works on metallic parts and surfaces. If an exhibition platform is used, it can be additionally secured with the seismic sensors built into **Human Detector**. Seat benches are normally automatically secured by the metal parts and springs underneath.

Due to the continuous further development, there may be differences in functionality between the different versions of the **Human Detector** modules. More detailed information can be obtained from us or our trained partners on request.

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Protection of Motorcycles in Museums and Private Collections

What Material is Needed?

The listed material is required for the protection of motorcycles in private collections and museums. Depending on the installation, up to two motorcycles (usually up to 10 pieces) can be secured with a **Human Detector** alarm module.

Basic Equipment:

Human Detector alarm module

Assembly and small parts

Optional Accessories:

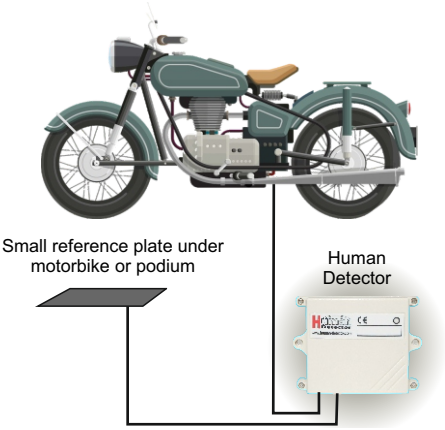
Human Detector alarm centre

Power supply 12V DC

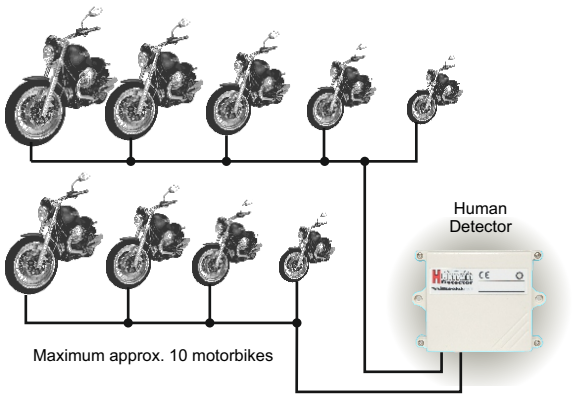
Installation - This is How it is Done

Please read the operating instructions carefully before commencing any work.

Place the **Human Detector** module in the immediate vicinity of the motorcycles to be protected. Connect the capacitive sensor input to a conductive point on a bike. Wheel spokes would be ideal for this purpose. The thin sensor cable is attached here with a small clamp in practically a concealed manner. For reference, a short piece of cable or a metal foil can be connected to the reference input. Select a low sensitivity setting in the alarm module. Then switch on the module. Test the alarm activation by trying to touch the bike. You can change the sensitivity in the **Human Detector** module and repeat the process until you have found the ideal setting.



Protection of a single motorbike



Protection of several motorbikes

A second motorcycle can also be connected to the reference input instead of the metal foil. Motorcycles that are grouped together are simply connected with a cable, if you want to protect more than one motorcycle. The cable can be laid in a concealed manner, e. g. under the platform or carpet. Up to 10 motorcycles can be protected this way.

Connecting to the **Human Detector** alarm centre or to an alarm loop of a burglar alarm system can be carried out subsequently. This work should only be carried out by trained personnel.

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