Wireless Call Systems



Get your machines in view - with KombiSIGN reflect

Do you want

- to monitor machines that are out of view?
- to improve the productivity and efficiency of your machines?
- to react quickly and safely in the event of malfunctions?
- to save costs?

Then WERMA has the solution for you!

Signal tower "reflection"

WERMA Signaltechnik provides a simple solution for the remote wireless monitoring of machinery.

Kombi*SIGN* reflect "reflects" the status of the machine to a signal tower within your line of sight. This enables you to wirelessly monitor machines situated at a greater distance and respond quickly to malfunctions. With Kombi*SIGN* reflect, even machines which were not previously network-capable can now be remotely monitored.

Kombi*SIGN* reflect is available for the WERMA Kombi*SIGN* 70 and 71 signal tower ranges. The kit consists of two elements that transmit and receive the data via wireless signal (slave/transmitter and master/receiver).





Kombi*SIGN* reflect consists of a slave/transmitter and a master/receiver

KombiSIGN reflect: Simple "plug & play" integration

The two Kombi*SIGN* reflect elements are synchronised and **ready for immediate operation**. The signal towers located on the machines can simply be fitted with the Kombi*SIGN* reflect slave/transmitter. A second identical signal tower, which you have previously selected from WERMA's Kombi*SIGN* product range, is fitted with the Kombi*SIGN* reflect master/receiver and placed within view.

The status of the first tower is then immediately transmitted to the second tower, where it is reflected one-to-one.

The system uses the **868 MHz (EU) or 915 MHz (North America)** frequency band and has a transmission range of up to 300 m (unobstructed line of sight). The indoor range may be less depending on the characteristics of the building.

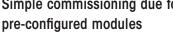


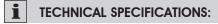
KombiSIGN reflect for KombiSIGN 70 and 71

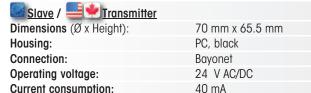


The slave/transmitter sends the status directly to the master/receiver, and reflects the status of the signal tower installed on the machine

- Simple monitoring of signal towers out of view
- Signal tower "reflection" to a central location
- No additional wiring costs
- Simple commissioning due to pre-configured modules







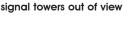


Wireless connection ISM frequency: 868 MHz (KombiSIGN reflect conforms to the EU's EN 300220 harmonised standard and can thus be used in all

915 MHz (only for use in in North America)

Further countries upon request

Transmission range: Up to 300 m (unobstructed line of sight)



Simple monitoring of





EU member countries).



Kombi SIGN 70 reflect	861 840 01	861 840 02
KombiSIGN 71 reflect	861 640 01	861 640 02



ADDITIONAL INFORMATION:

Please check the wireless frequency. In Europe the version with 868 MHz is used. In North America the version with 915 MHz is used. Please enquire about use in other countries.



TECHNICAL DIAGRAMS:

see page 324



Simply fit the KombiSIGN reflect slave/transmitter to the signal tower on the machine











See note













