AS9002 hardware and selection reference - prepared reference

Applicability

AS9002 with GRB009 controller; the English reference is V0.1.1. Hardware and software functions remain revision-dependent.

hardware and selection reference

The commissioning software can inspect ambient noise with transmission disabled, helping separate site interference from the transmitted tag signal. Establish that baseline before selecting per-channel gain and the receiver threshold.

In linked installations, verify the master connection and every participating channel before testing all passages together. A change to threshold or interference handling can change sensitivity, so confirm the result with the store's real tags rather than relying on a software value alone.

Multi-channel monitoring

The documented GRB system supports transceiver/receiver and linked multi-transceiver arrangements. Independent channel alarms help staff identify the affected passage.

Connect the commissioning computer to the master to inspect the connected systems. Set gain, threshold and noise handling for each antenna and verify performance with the actual label or tag.

Treat detection as dependent on noise level, tag type and the selected transceiver arrangement.

Before handover

- Identify the controller and revision before applying a menu or wiring reference.

- Test the actual tags with normal store equipment operating, then retain the accepted settings.

Document information

This is an independently prepared English reference based on the reviewed technical material. It is not a manufacturer-issued original, does not replace the delivered hardware instructions and does not add a manufacturer warranty or certification.