

Technical Bulletin

RF3222E RF Receivers Compatibility



Issue severity

- High. Act immediately
- Medium. Bosch Security Systems strongly recommends you take the action(s) described below.
- Low. Advisory

Products affected

- ▶ RF3222E
- ▶ RF3222E-CHI
- ▶ RFDW-SM (all variants used with the receiver)
- ▶ RFDW-RM (all variants used with receiver)
- ▶ RFUN (all variants used with the receiver)
- ▶ RF3401E

June 16, 2015

When adding new transmitters to RF3222E and RF3222E-CHI receivers, check the receiver firmware version to determine compatibility and configuration settings, as described in the table on the next page.

Issue

Receivers with firmware v2.2 or lower do not fully support transmitters listed in *Products affected*. Using transmitters that the receiver does not fully support causes the receivers to incorrectly report the transmitter status.

Receivers with firmware v2.2 and lower do not support the RFDW-SM and RFDW-RM transmitters. Additionally, v2.2 and lower do not support the simultaneous monitoring of reed and loop functions of RF3401E and RFUN transmitters.

This issue does not affect the RF3222 and RF3222-CHI receivers.

Resolution

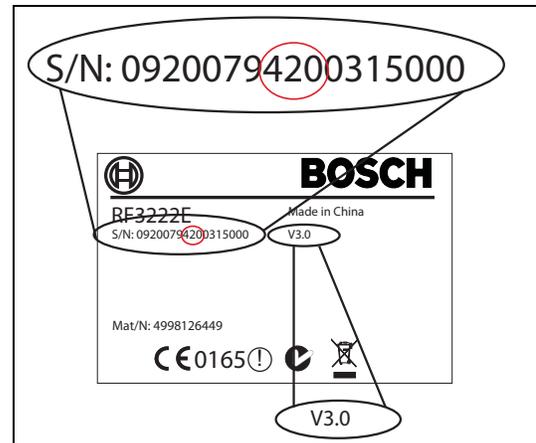
Receivers with firmware v3.0 and higher do offer full support to the transmitters listed in *Products affected*.

When updating or expanding an installation using the affected products, ensure you use the correct configuration based on the firmware version of

RF3222E and RF3222E-CHI receivers. Install according to the table on the next page.

Receivers with firmware v2.2 and lower were manufactured prior to January 25, 2013. Firmware v3.0 and higher began manufacturing January 25, 2013 and have a date code of 302 or higher.

The figure shows the date code and receiver firmware version locations on the v3.0 receiver label to help you identify the firmware version of the receiver installed.



RF3222E Receiver firmware version	Device	Reed only	Loop only	Reed and loop
v2.2 or earlier	RF3401E	Supported	Supported Must disable the reed switch (cut the reed switch)	Not supported
	RADION RFUN	Supported	Supported Must disable the reed switch (remove the reed enable jumper)	Not supported
	RFDW-SM	Not supported	Not supported	Not supported
	RFDW-RM	Not supported	Not supported	Not supported
v3.0	RF3401E	Supported Must permanently install 2.2K resistor in loop	Supported Must permanently install magnet (do not cut the reed switch)	Supported Use magnet and wire loop circuit normally
	RFUN	Supported Must install the reed enable jumper and permanently install 2.2K resistor in loop	Supported Must install the reed enable jumper and permanently install magnet	Supported Use magnet and wire loop circuit normally
	RFDW-SM	Supported	N/A	N/A
	RFDW-RM	Supported	N/A	N/A

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