

**Important action required on GII systems**

All concerned customers have received an e-mail with detailed information on upgrades required after we discovered issues on the GII microwave based Gigasense Anti Collision System.

As most of our sales is made via distributors, we find it important to have this information on our home page, especially for our end users.

Tests have shown that different frequencies in combination with software versions provide a maximum relative speed that the system can reach to operate safely between the track bound equipment, most commonly EOT Electrical Overhead Travelling cranes. Follow the table below to see what the maximum allowed relative speed is for your system. The speed must not be exceeded.

Do the following:

- 1) Check your GII frequency on your order confirmation or on the side of the antenna box and find your frequency in the table below.
- 2) Check software version in the display of the relay box, the software can be seen in the display when the relay box is restarted or when the menu has not been touched for a long time. More information can be found in chapter “Menu Structure” in the user manual. Find the software version in the table below.
- 3) With the current frequency and the installed software, you can see the maximum permissible relative speed for your GII system in the table below. If the relative speed of the cranes is higher than the table allows, the software must be updated. You receive the upgrade kit free of charge if you have not received it already.
- 4) **For all GII-systems**, regardless of frequency and software version you must set speed compensation Spd1 & Spd2 to minimum 10% in the relay box. Follow the instruction in chapter “Menu Structure” in the user manual to change the setting on speed compensation.

Frequency / configuration	Program version	Max relative speed*
9.47 GHz	A23, A24, A25, A28, A34	3m/s
9.47 GHz	B03 & B04	1m/s
9.9GHz (France)	A23, A24, A34, B12, B13	3m/s
9.9GHz (France)	B04	1m/s
9.9GHz (Russia)	B11, B12	3m/s
9.91GHz	B11, B12, B13	3m/s
10.475GHz (Finland)	A28, A34	3m/s
10.475GHz (Finland)	B04	1m/s
10.54GHz	A22, A23, A24, A25, A28, A34	5m/s
10.54GHz	A21	4m/s
10.54GHz	B03 & B04	1m/s

\* Relative speed is the speed that two moving cranes have in relation to each other.

**If the maximum permitted relative speed is exceeded and/or that the speed compensation Spd1 & Spd2 is not set to minimum 10%, there is a risk that the cranes will not stop at the set alarm limits, Limit1 & Limit2.**

Contact support@gigasense.se or via phone +46 8 540 839 00 (ask for support) if you have questions.

We are open Monday – Thursday 8 am until 4:30 pm CET, Fridays 8 am until 3 pm. Closed for lunch Mo-Fri noon – 1 pm.