

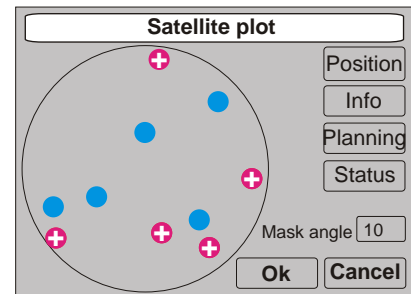
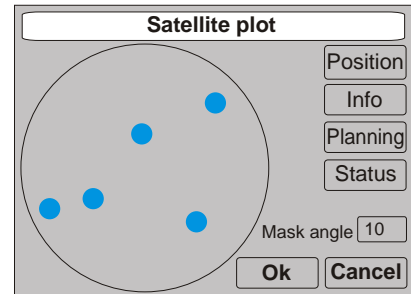
+ GLONASS

If there's one overwhelming advantage to Topcon GPS+ it's this—we provide access to 33 percent more satellites than ordinary GPS. That's because GPS+ has the ability to track not only both frequencies of all 24 GPS satellites, it can also receive the signals from the 9 GLONASS positioning satellites (with another 6 GLONASS satellites scheduled for launch this year).

Why is this such a huge advantage?

Remember when we explained that in order to have the best accuracy you need to receive signals from a minimum of eight satellites? Well, there are times during the day when it is impossible to get eight satellites in view, even on a flat job site! Now, add in some trees, a few buildings—you could be lucky to receive 4 or 5 GPS satellites (see figure 2). What does that do to your accuracy, if you're able to keep working at all? Ultimately, when you invest in a positioning solution, whether for a surveying crew or to for stakeless, 3-D grading, you want "uptime" not "downtime," and that uptime must be accurate.

That's what Topcon GPS+ is all about—accuracy, all the time. So if the highest degree of accuracy and productivity is important to you, ordinary GPS isn't for you. You need more. You need Topcon GPS+.



These two images are from Topcon's System Five 3D control display as of 2:00pm PST on Friday, January 25, at Pleasanton, CA.

The top image shows GPS satellites only. The bottom shows both GPS and GLONASS satellites with Topcon GPS+.

Ordinary GPS has only 5 usable satellites within the 10° mask area. Topcon GPS+ has 9. That's 80 percent more information than GPS alone.

Topcon GPS+ means higher accuracy all the time and maximum productivity all day long.

(Figure 2)

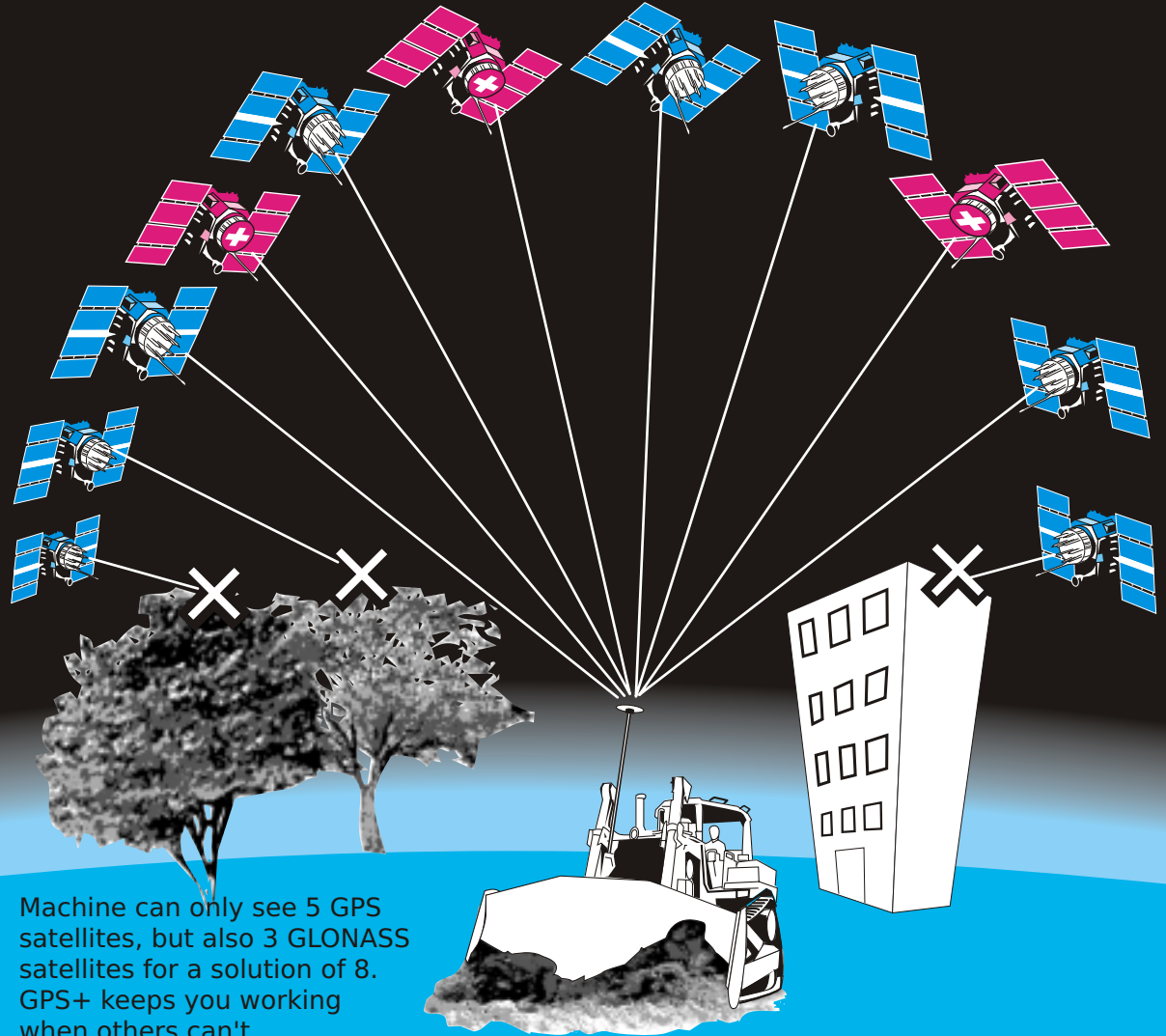
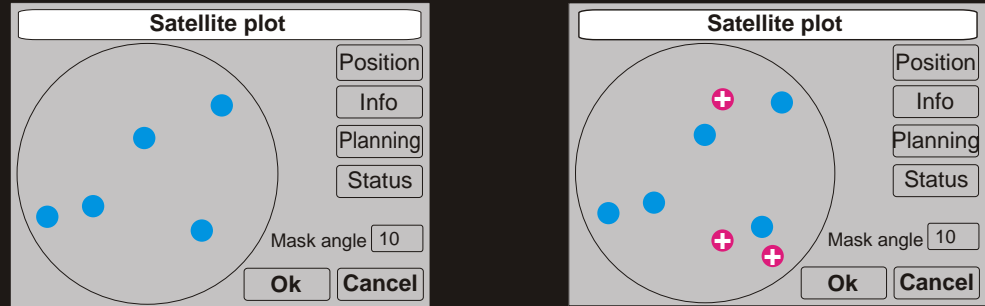
ORDINARY GPS vs. TOPCON GPS+

+ GLONASS

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The information presented in this booklet is provided as an aid to help the reader understand the advantages Topcon GPS+ offers as compared to conventional GPS-only technology, and makes no claims as to the suitability of any specific models or brands for any specific application.

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Part No: