

Newsteo™ Repeater

Increase your Newsteo products range!

In some applications, very high radio coverage can be required to use Newsteo products. The Newsteo Repeater is developed to communicate with telemeters out of standard systems range. Two versions are available and enable you to create a Newsteo wireless network with easiness either for outdoor uses, or for indoor uses.

■ Functioning and use

The Newsteo Repeater is elaborated for industrial site requiring several kilometers radius coverage of radio communication. This product can increase the Newsteo wireless network coverage by collecting data of telemeters out of radio coverage and transmit it to the RF-to-USB key receiver.



Using the Newsteo repeater is easy. The radio communication is automatically configured without user intervention. The Newsteo Repeater functions with all the Newsteo products range: Logger, Tracker, Builder, wireless Identifier...

The communication and the easy use, between the PC and wireless products, remain unchanged:

- **Bidirectional communication:** data transmission from the product to the computer, setting of the product from the PC
- **The communication channel is automatically set:** the product, depending on its position, either directly communicates with the PC, either through the Repeater.

■ Available versions

The Newsteo Repeater is available into two versions depending of power supply:



With a solar panel power: the product is self-sufficient, resistant to rain, UV and dust, and therefore perfect for outdoor uses.



With a conventional AC power for indoor uses.

■ Technical specifications

Models	Main current supply	Solar power supply
Temperature of use	From -40 to +85 °C	
Max. number of products the repeater can manage	Up to hundreds, depending on their transmission period	
RF Range (free field)	Depending on the antenna (several kinds of antenna can be connected), from 1 km to several kilometers.	
Power supply	Main current (220 Volts) with 5V adaptor	2 individual solar panels and rechargeable battery
Battery	-	Sealed-lead rechargeable battery
Autonomy @ 25°C	Unlimited (depending on main current)	6 days without sun (a very small sunshine is sufficient to load the battery)
Weight	About 0,5 kg	About 4,3 kg
IP level	IP68	IP68

Contact


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