

# newsteo repeater

Increase the radio range of the Newsteo products



The use of wireless products may require very long ranges for some applications. The Newsteo Repeater has been developed to communicate with the Newsteo loggers outside the radio range of conventional installations. Two kinds of power supply are available, allowing to easily create a network both inside and outside.

## Functioning

Newsteo Repeater has been developed for sites where many obstacles disrupt radio transmissions or where radio coverage of several kilometers is required. Indeed, this radio relay collects data of the most remote loggers and transmits it to the RF-to-USB key. Installation is very simple: once the products positioned and started, communication is established automatically. The logger, depending on its position, either directly communicates with the PC or through the Repeater.



## MAIN POWER SUPPLY REPEATER

With a main power supply, for indoor use.



Operating temperature  
-40 to +85°C

Power supply  
Main power (220 Volt), with  
5 V adaptor.

Weight  
About 0.5 kg

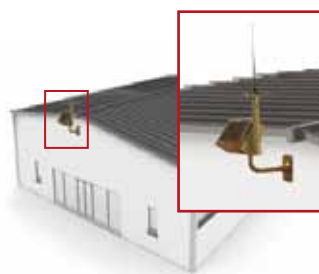
Product reference  
PFPN-RPT20-001 (IP50)  
PFPN-RPT30-001 (IP65)

Autonomy  
Unlimited

Total radio range  
(PC - Repeater - logger)  
Several hundred meters,  
passing through several  
walls.

IP Level  
IP50 for RPT20  
IP65 for RPT30

## SOLAR POWER SUPPLY REPEATER



With solar power, it is  
standalone, rain, UV  
and dust resistant, and  
therefore perfect for  
outdoor use.

Operating temperature  
-40 to +85°C

Power supply  
2 solar panels, with a  
rechargeable lead battery.

Weight  
About 4.3kg

Product reference  
PFPN-RPT41-001

Autonomy at 25°C  
6 days without sunlight  
(low light is enough to  
recharge the battery).

Total radio range  
From 1 to several  
kilometers

IP Level  
IP67