

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 radio receiver (RF-to-USB key or Collector). Installation is very simple: once products are set up, communication automatically works without any additional configuration.



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

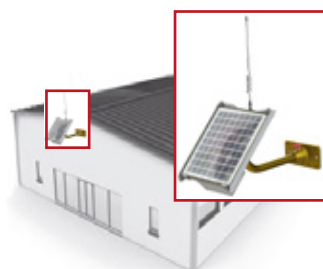
Product reference
PFPN-RPT20-001
PFPN-RPT30-001

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
Solar panel, with a rechargeable lead battery.

Weight
About 4.3kg

Product reference
PFPN-RPS51-001

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