



2110M MANPACK

BATTERIES



The 2110M Manpack Transceiver delivers uncompromising value for your mission critical operations with the lowest current consumption and Codan's intelligent battery management system, which makes it easy to manage your batteries and reduce operational costs. It continuously displays the battery condition and charging state, giving you the ultimate confidence in mission critical operations. Three battery types are available to tailor the 2110M Manpack Transceiver to your mission requirements.

BATTERIES

Intelligent battery system

An integrated battery management system continuously monitors battery condition, usage and remaining capacity. The transceiver front panel screen clearly displays the battery status including the remaining operating hours.

The intelligent battery management system also prevents the battery from being over charged by automatically switching off when fully charged. This ensures maximum battery life and user convenience.

Temperature monitoring prevents batteries from overheating or gas venting from the batteries while charging, maximising battery life and minimising hazards.

Long battery life

Codan's 2110 Manpack has by far the lowest current consumption of any available manpack transceiver. It only requires 120 mA of standby current, which enables it to be operated continuously for many days on a single battery charge. This typically means you do not need to carry numerous spare batteries.

Low power consumption together with the battery's long life, reduces your operational costs.

Battery capacity & chargers

Nickel Metal Hydride batteries are suitable for heavy duty operation where spare batteries can be swapped, charged and reused on a continual basis. This battery comes with a capacity of 13Ah giving you up to 50 hours operation (assuming 9:1 receive to transmit ratio).

With a wide choice of mains, DC, solar and handcrank chargers, charging the battery on or off the manpack is easy with a combination to suit any mission requirement.

Durability

Codan's battery packs are waterproof, fully immersible to 1m, and are ruggedised with high grade, high impact plastics; a necessity for military operations.

Each battery comes with quick release butterfly latches for simple attachment and reliability.



Battery pack 12 V 13Ah NiMH



SPECIFICATIONS

Battery pack	
Available cell chemistries and capacity	Nickel Metal Hydride 13Ah
Voltage	12 V
Operating temperature range	-30 to +60°C
Storage temperature range	-10 to +30°C recommended
Standard charge	Constant current between 1 A and 3 A with automatic overcharge protection
Connector	6 way waterproof MIL type connector
Dimensions	245 mm W x 100 mm D x 92 mm H
Weight	13Ah NiMH: 2.9 kg
Case material	High impact polycarbonate/PET polyester blend, UV stabilised, flame retardant
Colour	Black
Approvals	CE, C-tick
Environmental	Per MIL-STD-810F including shock, vibration, humidity, immersion (1 hr at 1 m) and rough handling

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