



## ADDITIONAL OPTIONS & ACCESSORIES

The following options and accessories may be purchased separately, for use with the HF-90 MiniPack:

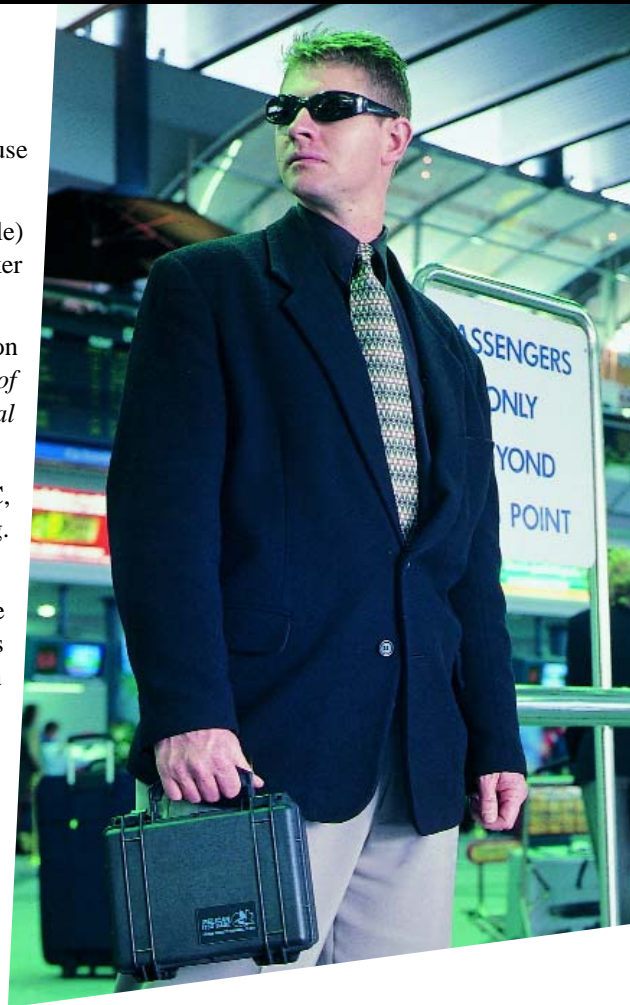
- Q-MAC Advanced Option – Provides Selcall facilities (Codan compatible) and field programming ability. Supplied with compact DTMF speaker microphone.
- Q-MAC Frequency Hopping Option – Provides complete protection against intercept and jamming (military grade). *A detailed description of the Q-MAC HF-90 Frequency Hopping Option, together with technical specifications, is provided on a separate brochure.*
- Q-MAC MiniPack AC Mains Charger – 100-250V AC input, 13.8V DC, 0.9A limited current c/w cable/connector and specified AC mains plug. Fits within HF-90 MiniPack.
- Q-MAC Fold-up Solar Panel Charger – 10.8W rated power, c/w cable and connectors. Comprises five panels which fold into a compact canvas pouch. Does not fit within HF-90 MiniPack, however canvas pouch incorporates belt straps so that it may be carried separately.
- Note that the HF-90 MiniPack is also compatible with other Q-MAC battery chargers, however these do not fit within the case supplied.

## ANTENNA DEPLOYMENT

The Q-MAC MiniPack Broadband Antenna is a rollout type antenna which is end-fed (ie. it has the coaxial feed point at one end of the antenna). By virtue of this construction, it is very simple to deploy, requiring only one mounting point (such as a tree or fence post). The antenna is mounted as high as possible at one end and grounded to earth at the other end. Total length of the antenna is 36m, incorporating a radiating section which is 16m. Typical deployment time is less than 5 minutes.

## BATTERY USE

The Q-MAC MiniPack Rechargeable Battery provided with this package has a 4Ah capacity. This battery will provide, on average, around 5.5 hours of operation to the Q-MAC HF-90 Transceiver (based on a standard duty cycle of 10% transmit and 90% receive/standby). This battery is very rugged and does not require full discharge prior to charging – ie. it can be constantly ‘topped up’ as convenient.



*Specifications are subject to change without notice.*

Represented by:

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