

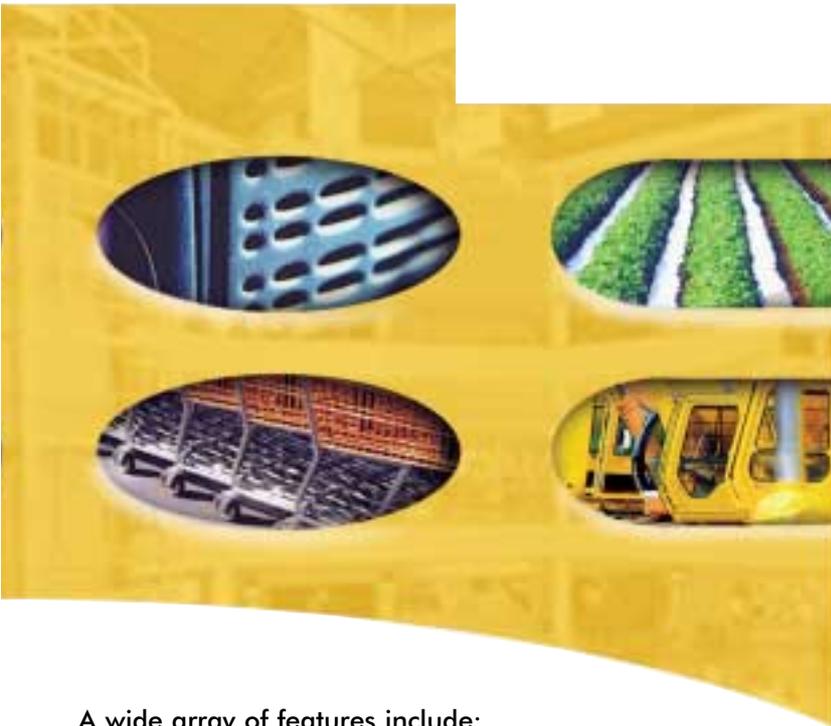


**MOTOROLA**

TWO-WAY RADIOS

## Professional Series: Vehicle Adapter

The EN1000 range of vehicular adapters has been developed specifically for professionals who need to use their GP Professional Series portable radio on the move. Once the adapter is installed in the vehicle the radio just 'clicks' into place and your GP series portable turns into a virtual mobile radio.



### A wide array of features include:

- In-Vehicle Charging and Power**  
*The adaptive power system built into the adapter not only provides support for 12V and 24V negative earth systems, but also detects the chemistry of the battery when the portable radio is inserted. It then selects the optimum charging method for the battery and provides power to the portable radio.*
- Extended Coverage**  
*An innovative antenna adapter allows automatic switching to an external antenna when the portable radio is inserted into the vehicle adapter. Low attenuation coupled with the external vehicle mounted antenna (available separately) provides for improved range when on the move.*
- Programming Feature**  
*Include configuration of the Vehicle Adapter modes of operation, as well as provision for computer (PC) interface access to support MAP27. In addition, the radio may be programmed whilst in the Vehicle Adapter and diagnostics performed.*
- Improved In-Vehicle Operation**  
*Once installed in a vehicle the adapter not only provides a secure holder for the portable radio but also includes a host of features for improved and more flexible operation. These include a palm microphone, added audio power for an external speaker, Car Radio Mute Signal (CRMS) output. Auxiliary PTT and microphone inputs can be used for 'Hands Free' accessories to promote safer in-vehicle use.*
- Supports the Full Range of GP Professional Radios**  
*Once you've selected the right frequency range your vehicle adapter can be adjusted to support the full family of GP professional radios and batteries, from the GP320 right up to the GP1280. So, to support a full fleet of same size portable radios in-vehicle adapter equipped vehicles you need only buy additional antenna adapters. To customize the Vehicle Adapter for radios of different sizes you require to make adjustments using the battery spacers supplied in the model kit.*



As Dedicated As You Are

# Professional Radio

# Vehicle Adapter Specifications

Model Information	
Available Models:	EN1006 - VHF Vehicle Adapter (136MHz-174MHz) EN1007 - UHF Vehicle Adapter (403MHz-470MHz) EN1008 - UHF2 Vehicle Adapter (450MHz-527MHz)
Included with the Vehicle Adapter Model: (Antenna Adapter depends on frequency range)	ENLN4103 - VHF Antenna Adapter (136 MHz-174MHz) ENLN4104 - UHF Antenna Adapter (403 MHz-470MHz) ENLN4111 - UHF2 Antenna Adapter (450 MHz-527MHz) GMN6146 - Hand-held Mobile Microphone Battery Spacers and Installation Kit Mounting Bracket User Guide
Manual:	ENLN4114 - Vehicle Adapter Product Manual The Product Manual includes Installation Instructions, Software Configuration Tool and Maintenance/Service Manual.
Programming/Testing Items:	Cables ENKN4002 - Programming Service Cable ENKN4003 - Audio Service Cable ENKN4004 - Map27 Data Cable Test Set RLN4460 - Test Box
Optional Item:	Loudspeaker GSN6059 - Speaker 13 watts 3.2 ohms

Battery Compatibility	
Supported Technologies:	Nickel Cadmium (NiCd) Nickel Metal Hydride (NiMH) Lithium Ion (Li Ion)
Approved Batteries:	HNN9008 - NiMH High Capacity HNN9009 - NiMH Ultra High Capacity HNN9010 - NiMH Ultra High Capacity Factory Mutual HNN9011 - NiCd High Capacity Factory Mutual HNN9012 - NiCd High Capacity HNN9013 - Li Ion Ultra High Capacity
Only Motorola batteries are approved for use with this Vehicle Adapter. Use of other batteries may invalidate the warranty of this product.	

General Specifications	
Approximate Dimensions: (excl. portable radio)	H x W x D 25 x 10 x 8.5cm
Weight: (excl. portable radio)	800g (approx.)
Input Voltage:	10.8V to 31.2V dc negative earth
Temperature Range:	Operational To Specification For Storage
Optimum Charge Temperature Range:	+5°C to +45°C
Charging of Flat Battery:	2 hours approx. to 90% of full charge (radio inoperative)
Audio Power Output:	5 watts maximum at 4 Ohms

Programming & Testing Features	
	Radio Programming and Flashing Map27 Applications Vehicle Adapter Configuration
The Service or Data Cable connects the Vehicle Adapter to a Personal Computer or Mobile/Test box to perform programming or testing. Please refer to the Product Manual for detailed instructions.	
Audio Programming Settings:	
	- Functions: Car Radio Mute Signal (CRMS) <i>(Hook for Vehicle Adapter or Accessory Microphone)</i> <i>(Off hook)</i> External Speaker - CRMS delay (sec) - Microphone gain (dB)
	Default Settings: CRMS-Off Hook enabled Hook for Vehicle Adapter microphone selected External Speaker disabled
Please refer to the Product Manual for detailed instructions.	

\*Availability subject to individual country's law and regulations.

Specifications are subject to change without notice and are issued for guidance purposes only.

All specifications listed are typical.

Conforms to EC directive 89/336/EEC.

Contact your local Authorised Motorola Dealer to find out more about how communicating with the Professional Radio series will benefit your organisation.



**South Africa Distributors**  
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**Fax: +27 11 807 6292**  
**Email: info@alcom.co.za**  
**Web: http://www.alcom.co.za**

 For exceptional performance, reliability and quality, Motorola Original accessories and batteries are the only options. For full details, please refer to the Professional Radio Series Accessories brochure.



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