



Handheld Power Amplifier

assuredcommunications™



Handheld Power Amplifier



Single Unit



Dual Unit

VERSATILE

The Handheld Power Amplifier (HPA) is the foundation for vehicular and base station PAs supporting the FALCON[®] series of handheld radios. The versatility of the HPA accommodates single and dual mount systems, providing 50W VHF power (30-90MHz) and 20W UHF Power (90-512MHz). The HPA dual antenna ports and automatic port switching capabilities make band changes seamless and transparent.

CAPABLE

The HPA is built tough. Designed and tested to MIL-STD-810, the HPA performs in the most demanding situations in extreme environments. The HPA has an integrated battery charger and hot "jerk & run" design so the radio can remain powered on while being removed from the vehicle system. The HPA is also data and intercom ready.

COMPATIBLE

The HPA is easily configured to support the following radios:

- + RF-5800M-HH001/HH101
- + RF-5800M-HH002/HH102
- + RF-5800V-HH001/HH101
- + AN/PRC-152(V)1(C)
- + AN/PRC-152(V)2(C)

Supported Radios



RF-5800V VHF FALCON® SERIES HANDHELD RF-5800V-HH001/HH101

The RF-5800V-HH001 is an advanced VHF handheld radio that provides reliable squad-level communications using enhanced secure voice and ECCM in a small, lightweight package for maximum user mobility. The RF-5800V-HH001 and the RF-5800V-HH101, with internal GPS, are interoperable in secure and non-secure modes with the RF-5800H-MP HF Manpack, RF-5800V-MP VHF Manpack, RF-5800M-MP Multiband Manpack, and RF-5800M-HH Multiband Handheld. These radios provide secure voice and data communications to lower echelons and dismounted troops.



RF-5800M FALCON® SERIES MULTIBAND HANDHELD RF-5800M-HH001/HH101

The RF-5800M-HH001 and the RF-5800M-HH101, with internal GPS, are advanced multiband, multi-mission, handheld radios which provide reliable tactical communications through enhanced secure voice. The RF-5800M-HH001/HH101 are interoperable in secure and non-secure modes with the RF-5800H-MP HF Manpack, RF-5800V-MP VHF Manpack, RF-5800M-MP Multiband Manpack, and RF-5800V-HH VHF Handheld. These radios provide secure voice and data communications to lower echelons and dismounted troops.



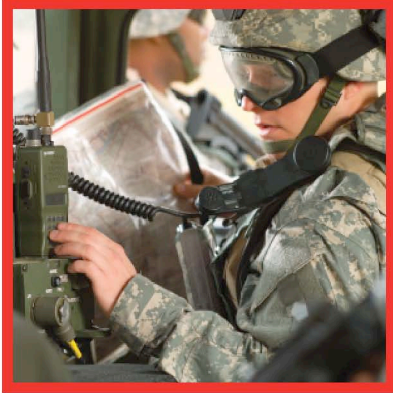
FALCON® SERIES TYPE-1 MULTIBAND HANDHELD AN/PRC-152(V)1(C) / AN/PRC-152(V)2(C)

The AN/PRC-152(V)1(C) and the AN/PRC-152(V)2(C), with internal GPS, are single-channel, multiband, handheld radios which provide secure voice and data communications and are NSA certified for traffic up to the Top-Secret level. The radios cover the frequency range of 30 to 512 MHz and provide an adjustable transmit output power up to 5 watts across the full band.



RF-5800M-HH FALCON® SERIES 20-METER SUBMERSIBLE MULTIBAND HANDHELD RF-5800M-HH002/HH102

The RF-5800M-HH002 and the RF-5800M-HH102, with internal GPS, are 20-meter submersible advanced multiband, multimission secure squad radios. Their at-depth power-on capability means the operator is ready to communicate while in the water. The RF-5800M-HH002/HH102 are interoperable in secure and non-secure modes with the RF-5800H-MP HF Manpack, RF-5800V-MP VHF Manpack, RF-5800M-MP Multiband Manpack, and RF-5800V-HH VHF Handheld. These radios provide secure voice and data communications to lower echelons and dismounted troops.



RF Communications

Government

Broadcast

Wireless Transmission Network Solutions



Communications solutions for today and beyond

Harris RF Communications Division is a leading supplier of secure voice and data communications products, systems, and networks to military, government, and commercial organizations worldwide.

Harris is an international communications and information technology company serving government and commercial markets in more than 150 countries. Headquartered in Melbourne, Florida, the company has annual sales of more than \$4 billion and about 13,000 employees — including more than 6,000 engineers and scientists. Harris is dedicated to developing best-in-class **assured communications™** products, systems, and services for global markets, including government communications, RF communications, broadcast communications, and wireless transmission network solutions. Additional information about Harris Corporation is available at www.harris.com.



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