

SPECIFICATIONS

General Specifications

HHC Dimensions (H x W x D): (Not including cord length)	4.8 x 2.2 x 0.79 in. (122 x 56 x 20 mm)
Cord Dimensions:	
Coiled:	24 in. (609 mm)
Stretched:	72 in. (1828 mm)
Power:	Supplied by Radio
Range:	12 VDC \pm 20%
Current:	<500 mA
Ambient Temperature Range:	-22 to +140°F (-30 to +60°C)
Microphone:	Integral weatherproof microphone with hookswitch
Construction:	High Impact Plastic
Display:	3-line x 12-character LCD with backlighting
Microphone Audio*:	
Sensitivity:	97 dB @ 1000 Hz @ 8 mm
Output:	150 mV \pm 5 dB
Impedance:	600 ohms
Frequency Response:	300 to 3000 Hz within the specified response mask
Distortion:	<3% THD @ 1 kHz
*A separate speaker is required for audio.	

Environmental Specifications

MIL-STD-810F	Methods & Procedures
Low Pressure	500.4
High Temperature	501.4
Low Temperature	502.4
Temperature Shock	503.4
Solar Radiation	505.4
Rain*	506.4
Humidity	507.4
Blowing Dust	510.4
Basic Transportation Vibration	514.5
Functional/Basic Shock	516.5
Transit Drop	516.5
Salt Fog	509.4
U.S. Forest Service	
Vibration Stability	Paragraph 2.15

*Unit withstands exposure to rain or other liquids but is not rated for immersion or driven rain.



HAND HELD CONTROLLER

The Hand Held Controller (HHC) is a control unit that provides the functions of the Orion™ System Control Head and mobile microphone in a compact package. It is designed to operate in the same manner as the Orion Remote Mount Control Head. The HHC operates with the M7100^P, Jaguar™ 725M, and Orion mobile radios, and the

vehicular chargers for the P7100^P, Jaguar 700Pi/700P, and M-RK™ portable radios.

The HHC may be used as a second control unit, a replacement for a control unit in vehicles, or an option for a more covert user interface for a mobile. Control functions include Emergency, PTT, Clear, Up/Down ramp switches, Volume/On-Off switch, full DTMF keypad, and a microphone. Controls are arranged for convenient single-handed operation. The 3-line 12-character alphanumeric display is backlit for nighttime use. The LCD shows group, system or channel, and call status information. A separate speaker for audio is required.

Two versions of the interface cable are available: one with siren/light control and one without. Additional cables required for installation will vary depending on the type of equipment and installation, transmitter power, and use of siren.

HAND HELD CONTROLLER

OPTIONS WITH SIREN/LIGHT CONTROL CAPABILITY

Includes Hand Held Controller with mounting bracket, HHC interface cable for siren, remote radio front cover, remote mount accessory cable, remote mount control cable, power cable, remote mount radio mounting kit, and mobile speaker.

M7100 ^P (50W TX and below)	MAHG-ZN6B
M7100 ^P (60W TX and above)	MAHG-ZN6C
Jaguar 725M	HBZN3P
Orion (50W TX and below)	D2ZN5C
Orion (60W TX and above)	D2ZN5D

OPTIONS WITHOUT SIREN/LIGHT CONTROL CAPABILITY

Includes Hand Held Controller with mounting bracket, HHC interface cable, remote radio front cover, remote mount accessory cable, remote mount control cable, power cable, remote mount radio mounting kit, and mobile speaker.

M7100 ^P (50W TX and below)	MAHG-ZN5Z
M7100 ^P (60W TX and above)	MAHG-ZN6A
Jaguar 725M	HBZN3M
Orion (50W TX and below)	D2ZN5A
Orion (60W TX and above)	D2ZN5B

HHC OPTIONS FOR PORTABLE ENHANCED VEHICULAR CHARGERS

P7100 ^P , Jaguar 700Pi/700P, and M-RK	H2MA5U
--	--------

This page is intentionally blank