MICOM-H is an advanced Ruggedized Digital Signal Processing transceiver intended for very wide area radio communications. It provides Voice, Data, Fax and E-mail solutions with a high degree of sophistication, signal quality and reliability, while being very simple to operate.

MICOM-H with its compact size provides maximum ease of installation.

Optional:
- ALE Per FED STD 1045 (Where Licensed)
- E-mail over HF with internet gateway

Features
- Enhanced features for better communications
- Ruggedized Mobile / Fixed Transceiver
- Front panel programming
- Advanced digital technology
- Conforms to MIL-STD 810 and EIA Specifications
- High MTBF
- Complies with ISO 9001 Requirements
- Security access code
- Variable Bandwidth for optimal signal processing
- Voice activated digital squelch
- Programmable channel scan
- Digital noise blanking and clarifier
- Guard and Priority Channels
- Continuous duty operation (optional)
- Multi-language Liquid Crystal Display
- BITE (Built-in Test)
- Meets FCC and EMC standards
- Selectable front-end Attenuator
- Enhanced Voice Quality
- Excellent frequency stability
- Selectable Power Output
- Small size, light weight
- Variable notch filter
- Sub-octave pre-selector
- Adaptable internal configuration options
- 200 memory channels
- Variable power output
HF-SSB Digital Signal Processing radio
125 watt PEP/Average

MILITARY & INDUSTRIAL STANDARDS
MICOM-H meets the following US military and industrial standard requirements for adverse environmental conditions (without the need of external shock mounts):

<table>
<thead>
<tr>
<th>US Military</th>
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<tbody>
<tr>
<td>STD 810C</td>
<td>STD 810D</td>
<td>STD 810E</td>
</tr>
<tr>
<td>Vibration</td>
<td>Method 514.2</td>
<td>Method 514.3</td>
</tr>
<tr>
<td>Shock</td>
<td>516.2</td>
<td>516.3</td>
</tr>
<tr>
<td>Rain</td>
<td>506.1</td>
<td>506.2</td>
</tr>
<tr>
<td>Dust</td>
<td>510.1</td>
<td>510.2</td>
</tr>
<tr>
<td>Salt Fog</td>
<td>509.1</td>
<td>509.2</td>
</tr>
</tbody>
</table>

The MICOM-H also meets the MIL-STD-810B for shock, vibration and applicable test procedures, US FCC for channel occupancy, spurious, interference and frequency tolerance. It is manufactured according to the demanding standards of ISO 9000 and EMC (Electromagnetic Compatibility).

FCC Applicable Parts of Rules: 15, 80, 90
FCC Type Acceptance Number: AB280CC1635
With High Stability Option: AB280CC1634

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Specifications subject to change without notice.