PUSH TO TALK OVER CELLULAR

IP501H

INSTANT UK WIDE COMMUNICATION

USING 3G AND 4G NETWORK

Ninehundred Communications Group

0845 600 4 900
www.ninehundred.co.uk
IP501H HANDSET

Instant UK Wide Communication using Cellular Network.

Individual and Group calls can be made the same way as a conventional two-way radio.

Communication throughout the Coverage of LTE (4G) and 3G Network.

Using a LTE (4G) and 3G network, the IP501H can provide stable connection and wide area communication throughout the coverage of the network. The IP501H does not require its own repeaters or IP network, this reduces the cost of building and maintaining a wide area radio network.

* Service availability depends on the country.
Network coverage provided by custom SIM card.
**KEY FEATURES**

### Multiple User Communication
Multiple users in the system can initiate calls respectively. There are no requirements to check or wait for channel availability.

### Priority Interrupt Calling
The IP501H supports group calls with three or more people. In case of an emergency, you can break into an on-going call to transmit an important message.

### Industry Leading Compact and Lightweight Body
Compact 59 × 95 × 32 mm; 2.3 × 3.7 × 1.3 in and 240 g; 8.5 oz (approximate) lightweight body* allows non-intrusive mobility and use.

* With BP-272 battery pack and antenna. Projections are not included.

### Full Duplex Communication Available
Full-duplex communication can be enabled to provide smooth telephone style conversations.

### IP67 Dust-Tight and Waterproof
The IP501H has reputable waterproof performance to endure 1 m depth water for 30 minutes. It can be used for outdoor work or places prone to get wet.

### Optional Charger Cradle With Bluetooth® Function
When the optional BC-218, charger cradle and HM-215, speaker-microphone is used, calls can be made with the microphone, while charging the IP501H. Even when the IP501H is not dropped into the BC-218, the Bluetooth® function enables you to wirelessly use the speaker-microphone.

### Other Features:
- High quality, clear audio using G.726 Vocoder
- Individual, Group, Talkgroup, Multiplex Talkgroup and All calls
- Emergency button, Lone Worker and Man Down functions
- Vibration alert function notifies of incoming call
- Text message reception and preprogrammed message transmission
- Up to 500 memory address book (including Group, Individual, Talkgroup and Telephone lists)
- Voice message recording
- Built-in Bluetooth® and GPS*

Gateway device required for GPS data (future).

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### Interconnect between IDASTM & IP100H Systems
With a gateway device*, the IP501H system will provide interoperability with an IP phone, analogue transceiver, IDASTM™ digital transceiver and IP100H wireless LAN network systems in the future. In addition, GPS position data can be obtained from the IP501H transceiver.

* The gateway device will be available in the future.

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### Specification:

**Network**

<table>
<thead>
<tr>
<th>4G bands</th>
<th>LTE B1, B3, B7, B20 (EXP)</th>
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</thead>
<tbody>
<tr>
<td>3G bands</td>
<td>W-CDMA B1, B8 (EXP)</td>
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</table>

**Dimensions**

| 59 × 33.2 × 32 mm, 3.73 × 1.3 in |
| Weight (approx.) | 240 ± 8.5 oz (with BP-272 and antenna) |

**AF output power**

| Internal | 400 mW (10% distortion) |
| External | 200 mW, 15% and 10% distortion |

**Operating time**

| Battery (BP-272) | More than 17 hours |
| Bluetooth | Ver 2.1 + EDR |

**GPS**

<table>
<thead>
<tr>
<th>Specifications</th>
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<tr>
<td>Operating temperature</td>
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* Changing is possible after the date is abolished.

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COMMUNICATE.
ANYTIME, ANYWHERE.

Keep up to date with our latest news!

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