



INNOVATIVE ELECTRONIC SOLUTIONS

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**960HS**



**960HC**



The 960H series of communications handsets remains one of OMNITRONICS largest selling products. High reliability, contemporary styling, ease of use and simple installation, are the hallmark of this robust design. Thousands are in daily use throughout Australia and New Zealand.

Connection to landlines or other equipment is possible using the OMNITRONICS 900 series communications peripherals. (See the reverse of this brochure for application details.)

The 960HC is the basic unit and comes with in-built speaker, conference microphone, intercom facility, power/busy LED and is desk or wall mountable.

The 960HS replaces the 960HA and includes a keypad for SELCAL encoding, a 3 digit ANI plus STATUS decode facility. A queue of 4 calls can be recalled by scrolling the display. Configuration of the 960HS is easy using the CP960 software supplied free with each unit.

**960HC Features:**

- Compatible with the OMNITRONICS range of 900 series interface units for connection to landlines, transceivers or the OMNITRONICS 950 radio management system.
- Robust time proven design.
- Compatible with "Base Busy" feature available with 900 series interface units.
- Cross-muting to other handsets on the system.
- External speaker connection available, (1watt).

- Conference microphone with PTT switch on the cradle.
- Individual trim pots for setting up earphone, handset microphone and conference microphone.

**960HS SELCAL/ANI features:**

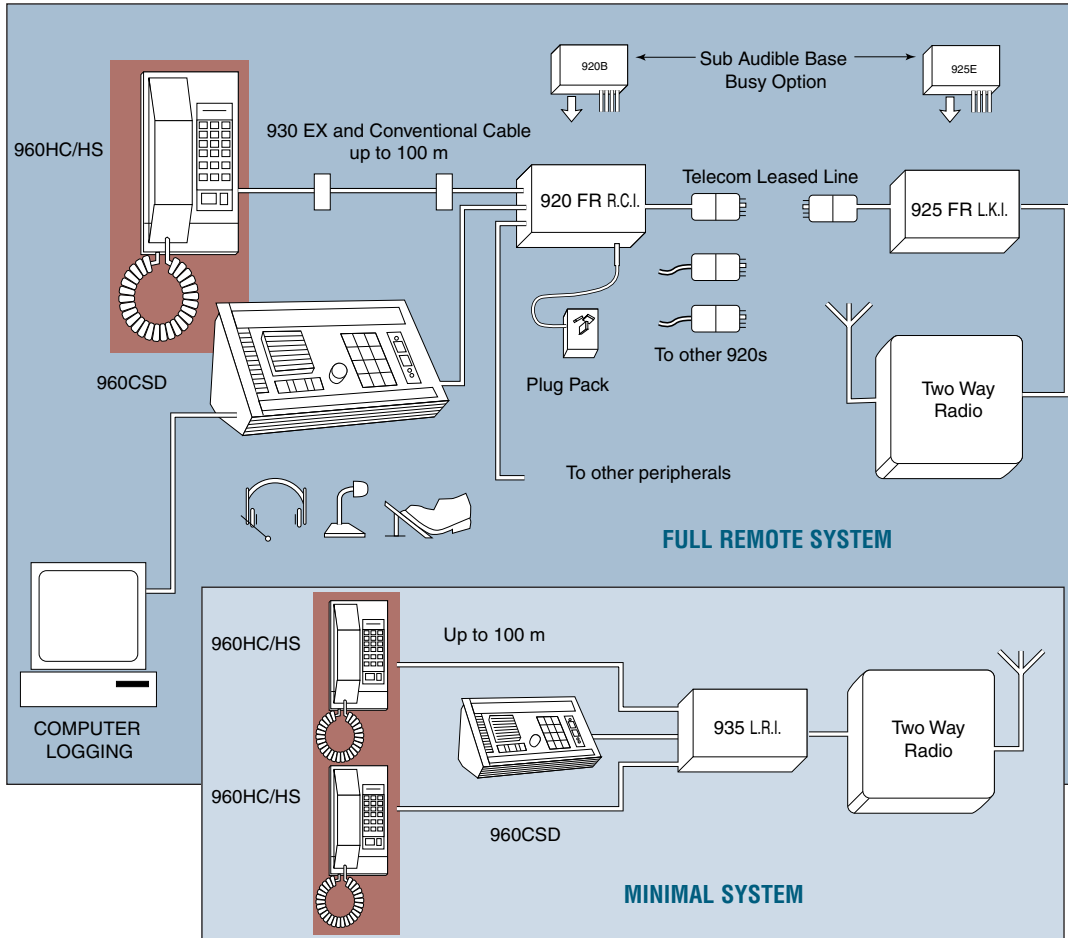
- Encodes/decodes tone sequences from 4 to 8 tones, only the last four digits are entered via the keyboard.
- Operates with most tone formats.
- Encodes/decodes all standard tone periods down to 20mS.
- STATUS digits and GROUP calling is available.
- Alert tone to indicate incoming SELCAL.
- Up to four calls can be stored in the QUEUE with LED indication of QUEUE status and audible warning of full registers.
- Free CP960 applications program for configuring the SELCAL/ANI functions. Programming cables are provided on request at no charge.

**CP960 Programmer:**

- COM port connection from PC to 960HS with special cable.
- Designed to run on MS Windows 9X, NT and XP (home and professional).
- All parameters are configurable via the programmer.
- All parameters are saved to a non-volatile EEPROM in the handset, i.e. all parameters are saved in the case of a power failure.

960HC/HS Communications Handsets

## BASIC CONNECTIONS FOR THE 960HC/HS HANDSET



The 960HC/HS is fully compatible with all the other 900 series components and so systems are easily assembled and upgraded.

## 960HC HANDSET SPECIFICATIONS

- Operating voltage: 11- 15Vdc.
- Operating current: 40mA standby, 130 mA full volume.
- Frequency response: 300 – 3000Hz (+/- 1.5dB ref 1000Hz).
- Signal to noise: better than 70dB.
- Distortion/power: Less than 5% at 0.5 watts at the speaker.
- External speaker: 1 watt into 8 ohms.
- Level adjustments: Volume control for internal speaker plus individual presets for earphone, handset microphone and conference microphone.
- Line levels to 920RCI or 935LRI: 1 V p-p, balanced.
- Dimensions (H x W x D): 75mm x 100mm x 210mm.

## 960HS HANDSET WITH SELCAL/ANI SPECIFICATIONS

(in addition to the above specifications)

- Operating current: 100mA standby, 200mA full volume.
- SELCAL standards: EEA, ZVEI 1,2&3, PZVEI, CCIR, EIA and DZVEI.
- Tone sequences and timings: 4 to 8 tones, (with only the last 4 tones entered via the keyboard), standard periods down to 20mS.
- ANI queue: up to 4 numbers stored with an audible alarm indicating a full queue.
- Status: The least significant digit can be programmed as a "status" digit.
- Group calling: Use of the "#" key is used for "group" call.
- Alert tone: A successful SELCAL decode will activate an alert tone alarm and flash an LED. The alarm tone will time out and the LED will reset with the PTT.
- Configuration: All parameters are set up with the CP960 MS Windows based program.

Quality Assured



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VISIT OUR WEBSITE [www.omnitronics.com.au](http://www.omnitronics.com.au) FOR MORE INFORMATION  
ON APPLICATIONS AND OTHER PRODUCTS.

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