

SN901 Duraфон

SN902HC with SN901 Base
INDUSTRIAL LONG RANGE CORDLESS PHONE SYSTEM



OVERVIEW

Frequency Band : 915-928 MHz
 FSK/ DTMF Caller ID
 Handset Speakerphone
 Broadcast Function
 Full Duplex Intercom
 Secure Private Conversation
 SN901 Base + SN902HC .

Features

- Product Concept : 1-Line, Digital Long Range Cordless, Cordless Handset with Speaker-phone
- Market : Australia
- Market Segment : Industrial Location
- Frequency Band : 915MHz ~ 928MHz
- Flash time 100-900 m/secs programmable
- Range: Up to 10Km line of sight
- Frequency hopping SST
- Durability
- Compatible with SP922FH
- 50 entry phonebook
- 30 CID memory with Time/Date (FSK & DTMF type)
- CID with call waiting (CIDCW)
- Last 10 calls redial on handset
- Find handset page feature.
- ACMA compliant

Advanced Features

- Number of Expandable Handsets : 9
- Number of Expandable Bases : 4
- Single Color LCD (with white backlight)
- Intercom/Broadcast between handsets
- Selectable Ring & Page Tones : 8
- Vibrate
- Handset with speaker-phone function
- Handset with scrolling keys
- Two-way hands-free intercom
- Handset Custom Name Editable
- LCD and handset with backlit keypad
- Auto detection of FSK and DTMF CID signal

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Specifications



Electrical Specifications	Base Station	Portable Handset
Frequency	915-928 MHz	915-928 MHz
RF Output Power	Peak: 708 mW Average: 76 mW	Peak: 708 mW Average: 76 mW
Channel Spacing	50 kHz	50 kHz
Number of Channels	64	64
Modulation	MSK	MSK
TDMA Frame Length	10 ms	10 ms
Number of Slots/Frame	4	4
Receiver Sensitivity	≤ -116 dBm (@ BER 10^{-2})	< -116 dBm (@ BER 10^{-2})
Antenna Gain	2 dBi 5 dBi External (optional)	Long: 2.5 dBi Short: 1.5 dBi
Antenna Connector	TNC reverse	Proprietary
Telephone Interface	RJ11 * 2	N/A
Channel Coding	8 kbps Convolutional + CRC	8 kbps Convolutional + CRC
Transmission Data Rate	176.678 kbps	176.678 kbps
Speech Coding	8 kbps G.729A	8 kbps G.729A
User Data Rate	128 kbps duplex	128 kbps duplex
Duplex	Time Division Duplex (TDD)	Time Division Duplex (TDD)
Multiple Access	Freq. hopping TDD	Freq. hopping TDD
Number of System ID	65,535	65,535
Ring Signal	20-50 Hz, 30-90 Vrms	N/A
Power Source	240v/5v-1amp.	3.7 V/1100mAh Li-Ion Battery
Charger Current	NA	550mA (550/850 mA for desktop charger)
Operating Temperature	0 – 50 °C	-10 – 60 °C