EP802
LONG RANG CORDLESS PHONE

1-Line　Digital Long Range Cordless　Cordless HS w/SPK

EP802



OVERVIEW

- Frequency Band : 863~865MHz
- FSK/ DTMF Caller ID
- Handset Speakerphone
- Multi-Languages Display (English、German、Dutch、French、Italian、Spanish、Italian、Polish、Czech、Hungary、Turkish)
- Broadcast
- Full Duplex Intercom

Features

General feature

- Product Concept : 1-Line, Digital Long Range Cordless, Cordless HS w/SPK
- Market : CE countries
- Market Segment : SOHO/Residential
- Frequency Band : 863MHz ~ 865MHz
- RF power : 10mW
- Range : 2Km
- Multi-channel with auto-scan
- 50 phonebook
- 30 CID memory with Time/Date (FSK & DTMF type)
- CID with call waiting (CIDCW)
- Last 10 calls redial on H/S
- CE compliant

Advance feature

- # of Expandable Handset : 9
- Single Color LCD(with white color backlight)
- Walkie-talkie between H/S
- Selectable Ring & Page Tone : 8
- H/S with speakerphone function
- H/S with scrolling keys
- Two-way hand-free intercom
- H/ S Custom Name Edit
- LCD and H/S keypad with backlit
- Auto detection of FSK and DTMF CID signal
- Auto change channel during conversation

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Specificaions

Electrical Specifications	Base Station	Portable Handset
Frequency	863-865 MHz	863-865 MHz
RF Output Power	Peak: 8 dBm Average: 5 dBm	Peak: 7 dBm Average: 5 dBm
Channel Spacing	50 kHz	50 kHz
Number of Channels	38	38
Modulation	GMSK	GMSK
TDD Frame Length	10 ms	10 ms
Number of Slots/Frame	2	2
Receiver Sensitivity	<-116dBm (@ BER 10^{-2})	<-116dBm (@ BER 10^{-2})
Antenna Gain	2 dBi	Long: 2.5 dBi Short: 1.5 dBi
Antenna Connector	TNC	Proprietary
Telephone Interface	RJ11 x 2	NA
Channel Coding	½ rateConvolutional + CRC	½ rateConvolutional + CRC
Transmission Data Rate	42.667kbps	42.667kbps
Speech Coding	8 kbps G.729A	8 kbps G.729A
User Data Rate	32kbps duplex	32kbps duplex
Duplex	Time Division Duplex (TDD)	Time Division Duplex (TDD)
Multiple Access	FDMA	FDMA
Number of System ID	65,536	65,536
Ring Signal	20-50 Hz, 12-90 Vrms	NA
Power Source	AC/DC 5.5V/1.5A Adapter	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
Regulation Compliance	EN 301 357-2 (RF) EN 301 489 (EMC) EN 60950 (Safety)	EN 301 357-2 (RF) EN 301 489 (EMC) EN 60950 (Safety) EN 50371 (RF safety)

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Application

