

## EP 802

### Extreme Range Digital Cordless System

- 2,500 square meters
- Up to 2km(Open field)
- 6 floors
- 10 Acre



#### Extreme Cordless Range

Offers more coverage than any other consumer rated cordless telephone in PanEurope. Superior Multi Floor Coverage. Penetrates Concrete, Wood and Drywall.

#### 2-Way Radio

Multi-functional cordless system offers walkie talkie like functionality which operates independent of the base station. Users can take the EP802 handsets with them for a handy quick and efficient alternative to communications.

#### WiFi Friendly

The EP802 will not interfere with today's wireless networks, unlike your traditional 2.4 or 5.8 Ghz models available in today's market

#### Easy Installation

The EP802 cordless systems can be setup in a matter of minutes for basic Extreme Range coverage.

#### Expandable Handsets

The EP802 system can start out with only (1) handset and expands to (9) handsets as needed.

- 38 Digital channel autoscans
- Long range: up to 2km
- Expandable handset (up to 9 handsets)
- Multi-base (up to 4 bases)
- Vibration mode
- Multiple language (10 European)
- ETSI Caller ID supported
- Call log(Dialed/Received/Missed call)
- Date/Time stamp (For Caller ID)
- Key guard
- Call Timer
- Phonebook: 50 entries (16 characters + 25 digits)
- Handset speakerphone
- Two-way intercom
- Broadcasting
- Call hold
- Call barring (For outgoing call)
- Call manager
- Call park
- Flash (100ms ~ 900ms)
- Redial (Last 10 calls)
- Feature call
- Hearing aid compatible
- External handset/base antenna
- Built-in 2.5mm headset jack
- Optional outdoor antenna - sold separately
- Programmable PBX option key
- Inter operatable with previous EP801

## Applications



→ **2.4/5.8 GHz Cordless**



→ **1.9 GHz DECT**



EP802

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	Base Station	Portable Handset
Frequency	863-865 MHz	863-865 MHz
RF Output Power	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	1.5dBi
Antenna Connector	TNC	Proprietary
Telephone Interface	RJ11 x 2	NA
Channel Coding	½ rate Convolutional + CRC	½ rate Convolutional + 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	65536	65536
Ring Signal	20-50 Hz, 12-90 Vrms	NA
Power Source	AC/DC 12V/1A 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)

## Specifications

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- +44-(0)2 0323 91168
- +49-(0)8 5122 60 982
- +33-(0)9 7719 9128
- +39-(0)2 4795 6128

Specifications may be subject to change without prior notification.

