

Digital 2.4 GHz 4-line Wireless Phone System

SR-436S



Features:

- Longest Range – Up to 6 floors of penetration, 5 square kilometers of clear communication
- Two-way Radio – Use push to talk even when out of range of base unit
- 4 telephone lines support from a single base
- Auto attendant directs callers to specific handsets
- Expandable to up to 90 handsets with 4 line capability
- Rapid charger recharges batteries in 90 minutes
- Text message between handsets
- 3-way conference calling either with 2 handsets and one incoming call, or 2 incoming calls plus one handset
- On hold music port
- Headset ready for 2.5 mm jacks
- Caller ID with call waiting
- Call transfer
- Call forwarding to another handset, extension, or outside line
- Call hold / mute / flash
- Speed dialing directory
- Vibration ring mode
- Works off of analog CO lines or behind analog ports of PBX
- Auto power management
- Battery hot swapping capable allowing changing of batteries while call is on hold
- Digital spread spectrum (DSS) technology for privacy and clarity
- Frequency hopping security
- Optional indoor/outdoor external antenna
- One year limited warranty

SR-436S

Digital 2.4 GHz 4-line Wireless Phone System

Specifications:

	Base Station	Handset
Frequency:	2403-2480 MHz	2403-2480 MHz
Channel Spacing:	202 kHz	202 kHz
Number of Channels:	126	126
Modulation:	MSK	MSK
Multiple Access:	Frequency Hopping TDMA	Frequency Hopping TDMA
Frequency Hopping Rate:	100 per second	100 per second
TDMA Frame Length:	10 ms	10 ms
Number of Users per Carrier:	4	4
Receiver Sensitivity:	< -108 dBm	< -108 dBm
Antenna Connector:	Reverse TNC	Non-standard
Antenna Gain:	2 dBi 2 dBi (outdoor, optional)	2 dBi (Long) 0 dBi (Short)
TX Power Control Range:	NA	100-708 mW
Telephone Interface:	RJ11 x 4	NA
Speech Coding:	8 kbps	8 kbps
Channel Coding:	Convolutional + CRC	Convolutional + CRC
Transmission Data Rate:	170.667 kbps	170.667 kbps
Duplex:	Time Division Duplex	Time Division Duplex
Voice Quality:	TIA / EIA-470B	TIA / EIA-470B
Number of System ID's:	65,536	65,536
Ring Signal:	20-50 Hz, 20-90 Vrms	NA
Flash Time:	100-900 ms	NA
Power Source:	120V / 7V AC / DC	4.8 V, 750 mAh NiMH
Battery Charge Time:	NA	90 Minutes
Regulation Compliance:	FCC Part 15, Part 68 DOC RSS210, CS03	FCC Part 15, Part 68 DOC RSS210, CS03
Operating Temperature:	-10 – 60 °C	-10 – 60 °C
Storage Temperature:	-10 – 70 °C	-10 – 70 °C
Humidity :	20 – 70 %	20 – 70 %
Dimension Without Antenna:	280 x 215 x 53 mm	150 x 50 x 34 mm
Weight:	907 g	234 g

Notes:

- NA = Not Applicable
- The manufacturer reserves the right to change the designs and specifications without prior notice.