

SP-428 Series

Wireless DECT Telephone System

Specifications:

	<i>SP-428</i>	<i>SP-428 plus</i>
RF		
Frequency	1.881792GHz~1.897344GHz	1.881792GHz~1.897344GHz
Channel Spacing	1728KHz	1728KHz
Resulting Carriers	10 channels	10 channels
Modulation / Bit rate	GMSK / 1152Kbps	GMSK / 1152Kbps
Duplex / Access	TDD / TDMA	TDD / TDMA
Frame rate	10 ms	10 ms
Slots / Frame	12 Voice / 12 guard Slots	12 Voice / 12 guard Slots
Voice coding	ADPCM / 32 Kbps	ADPCM / 32 Kbps
Transmit Power	250 mW (23 dBm~ 25 dBm)	250 mW (23 dBm~ 25 dBm)
Sensitivity (BER=10 ⁻³)	<-88dBm	<-88dBm
Power		
Power Requirement	110-240 Vac, 50-60 Hz, 1.5mA (max) Handset : Ni-Mh Battery (AAA, 1.2V)	110-240 Vac, 50-60 Hz, 1.5mA (max) Handset : Ni-Mh Battery (AAA, 1.2V)
Power Consumption	SP-428 central unit: 20~30W	SP-428 plus central unit: 40~60W
Power Consumption(Standby)	Handset Stand-by Time 80 hours	Handset Stand-by Time 80 hours
Power Consumption(Talk Time @ 1 Handset)	Handset Talk Time 8 hours	Handset Talk Time 8 hours
Regulatory & Safety		
Regulation Compliance	CTR6 (RF), CTR10(Acoustic), CTR22(GAP), ETS 300 329(EMC), ETS 301 437(like TBR21)	CTR6 (RF), CTR10(Acoustic), CTR22(GAP), ETS 300 329(EMC), ETS 301 437(like TBR21)
Safety Compliance	EN 60950(Safety)	EN 60950(Safety)
Environment		
Operation Temperature	0°C to 40°C	0°C to 40°C
Storage Temperature	-10°C to 70°C	-10°C to 70°C
Relative Humidity	30% to 90%	30% to 90%
Physical		
Dimensions(LxWxH mm)	Central unit: 340(L)x268(W)x88(H) Base station: 112(L)x150(W)x35(H) Handset: 145(L)x53(W)x24(H)mm	Central unit: 340(L)x268(W)x88(H) Base station: 112(L)x150(W)x35(H) Handset: 145(L)x53(W)x24(H)mm
Weight	Central unit: 2.3Kg Base station: 250g Handset: 168g	Central unit: 2.3Kg Base station: 250g Handset: 168g