



AEI COMMUNICATIONS CORP.

1001 Broadway, Millbrae, California 94030

Direct: (415) 706-2907 ,Tel: (650) 552-9416

Analog DECT Phone for Desktop/Bedside

Model: AGR-8206-SMK/AGR-8106-SMK

1. Esthetic Design

2015/01 v0.1

AGR-8206-SMK



AGR-8106-SMK





AEI COMMUNICATIONS CORP.

1001 Broadway, Millbrae, California 94030

Direct: (415) 706-2907 ,Tel: (650) 552-9416

Analog DECT Phone for Desktop/Bedside

Model: AGR-8206-SMK/AGR-8106-SMK

2. Features / Software Specifications

Handset			
Keys		AGR-8206-SMK	AGR-8106-SMK
	• Dial keys	(0~9, *, #)	(0~9, *, #)
	• Line keys	Line1, Line2, END	Line, END
	• Function keys	Hold, Speaker, Volume, 6 speed dial keys	Mute, Speaker, Volume, 6 speed dial keys
Phone Features	• One or Two Lines		• 6 programmable speed dials
	• Call Hold and resume(AGR-8206-SMK only)		• Mute and resume(AGR-8106-SMK only)
	• Handset, Speaker, and Ringer volume control		• Red color message waiting indicator for ringing, charging, and message waiting
	• Full duplex speaker phone		
Display Contents	• Main logo		• DECT signal status
	• Speed dial icon		• Line status
	• Battery status: power level, charging status		• Firmware Version
DECT Standard	• DECT / CAT iq1.0 compatible		• Channel Space : 1728 KHz
	• Radio Frequency Range : 1880~1930 MHz		• Bit rate : 1150 Kbit/s
	• EU : 1881.792(ch0)~1897.344(ch9) 10 Channels		• Modulation : GFSK
	• US : 1921.536(ch0)~1928.448(ch4) 5 Channels		• Voice coding : 16 Kbit/s
	• JP : 1895.616(ch0)~1902.528(ch4) 5 Channels		• RF power : 15 dBm
Base			
Keys		AGR-8206-SMK	AGR-8106-SMK
	• Dial keys	(0~9, *, #)	(0~9, *, #)
	• Line keys	Line1, Line2 with LED, END	Line with LED, END
	• Function keys	Hold, Speaker, Volume, 6 speed dial keys	Mute, Speaker, Volume, 6 speed dial keys
Phone Features	• One or Two Lines		• 6 programmable speed dials
	• Call Hold and resume(AGR-8206-SMK only)		• Mute and resume(AGR-8106-SMK only)
	• Speaker, and Ringer volume control		• Red color message waiting indicator for ringing and message waiting
	• Full duplex speaker phone		
DECT Standard	• DECT / CAT iq1.0 compatible		• Channel Space : 1728 KHz
	• Radio Frequency Range : 1880~1930 MHz		• Bit rate : 1150 Kbit/s
	• EU : 1881.792(ch0)~1897.344(ch9) 10 Channels		• Modulation : GFSK
	• US : 1921.536(ch0)~1928.448(ch4) 5 Channels		• Voice coding : 16 Kbit/s
	• JP : 1895.616(ch0)~1902.528(ch4) 5 Channels		• RF power : 17 dBm

3. Hardware Specifications

Handset	
Display	• 1.8" TFT color display
LED Indications	• Message waiting indicator and keypad backlight
Power	• 3.7v / 900 mAh Li-ion battery
	• Charging Time : 5 hrs
	• Standby Time : 240 hrs
	• Talking Time: 9 hrs
Contact pins	• 3 contact pins for charging, hook detecting and auto-pairing
Size and Weight	• Dimensions: 175mm(L) x 50mm(W) x 24mm(H), Weight: 180g(battery included)
Base	
LED Indications	• Line keys, Hold/Mute, Speaker keys, Message waiting, Handset charging indicators, and keypad



AEI COMMUNICATIONS CORP.

1001 Broadway, Millbrae, California 94030

Direct: (415) 706-2907 ,Tel: (650) 552-9416

Analog DECT Phone for Desktop/Bedside

Model: AGR-8206-SMK/AGR-8106-SMK

Power	backlight
Jacks	<ul style="list-style-type: none"> AC adaptor: Input: 100 ~ 240 VAC, Output: 6V / 1A
Contact pins	<ul style="list-style-type: none"> RJ14 PSTN jack x 1, DC jack x 1
Line cord	<ul style="list-style-type: none"> 3 contact pins for charging, hook detecting and auto-pairing
Size and Weight	<ul style="list-style-type: none"> 10 feet x 1 Dimensions:193mm(L) x109mm(W) x 102mm(H),Weight: 450g Dimensions:193mm(L) x109mm(W) x 111mm(H), Weight: 630g (handset included)

4. Regulatory

	USA	EU
RF	FCC Part 15D	EN 301406
EMI	FCC Part 15B	
Safety		EN 60950-1
EMC		EN301489-11-6
PSTN	FCC TIA-968B & Part 68	TBR21
RoHS	<ul style="list-style-type: none"> Comply with Directive 2002/95/EC RoHS (as amended by Commission Decision 2005/613/EC) 	
Temperature	<ul style="list-style-type: none"> Storage: Low Temperature at -10°C. High Temperature at +60°C Operating: Low Temperature at 0°C. High Temperature at +40°C. 	