



Re: Model:

No.	Brand Name	Model number
1	RTX	RTX8016
2	Aastra	420d

We would like to inform you that the above model numbers of DECT wireless handset made by RTX Consumer Products Hong Kong Limited are required to have following deviation and identical by comparing to the original model CT8010 DECT Handset – INT.

Deviation

1. Changed to new handset front enclosure and charger enclosure
2. **Changed Component Value for optimization of RF performance on DECT 6.0 module to have a better wireless range performance and spurious emission level**
 - a) R23
 - b) C1
 - c) C2
 - d) C3
 - e) C4
 - f) C15
 - g) C25
 - h) C86
 - i) C213
 - j) L6
 - k) L13
3. **Change components value for SIP handset usage and remove SIM card options**

Purpose		REF	420d/RTX8016	CT8010 Handset
Increase EEPROM size	1	IC9	IC AT24C128N-10SU-2.7 EEprom	IC AT24C64CN-SH-T EEprom
Reduce Flash size	2	IC11	IC SST39VF1601-70-4C-B3KE Flash 16Mbit	IC SST39VF3201-70-4C Flash 32Mbit Multi Purpose
Reduce SRAM size	3	IC13	IC IS62WV6416BLL-55BLL 64Kx 16bit SRAM	IC IS62WV12816BLL-55BLL 128Kx 16bit SRAM
Remove SIM card options	4	C99	Component not mounted	Capacitor 10p NP0 50V
	5	IC18	Component not mounted	IC ISL84714 SPDT Analog Switch
	6	J2	Component not mounted	SIM Card Connector 6 pin Wingblock without switch
	7	R2	Component not mounted	Resistor 100R
	8	R3	Component not mounted	Resistor 1K8
	9	R13	Component not mounted	Resistor 100R
	10	R14	Component not mounted	Resistor 1K8
	11	R16	Component not mounted	Resistor 100R
	12	R17	Component not mounted	Resistor 100R
	13	R86	Component not mounted	Resistor 100K

4. Added vibrator feature when new components mounted:
 - a) Transistor MMBT3904, T4

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- b) Resistor 1K, R38
- c) Diode 1N4148, D1
- d) Vibrator motor
- 5. Changed software MMI for new software features which does not affect any RF protocol and power control

Identical

- 1. Same RF PCB
- 2. Same Main PCB
- 3. Same rear parts

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Signature Printed

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