



---

# Product Description



## **GSM Zap and Zap C (Refresh)**

Created By: Jim Filicette-WJF005 on 22.04.98 at 17:21  
Category: Review

**Version Number: 5**

**PR Number: A74-01 A74-02**

**Motorola Confidential Proprietary**

---

## 1. Change Control and Release Approvals

---

### Change Control:

Version Number	Date	Editor	Key Changes
1	4/22/98	Jim Filicette	Initial release of Zap refresh
2	5/25/98	Jim Filicette	<ul style="list-style-type: none"> <li>●Revisions to MMI per Steve Akin's 5/22/98 email.</li> <li>●Add Tri-Codec and new vibrator</li> <li>●Clarify stage IV and V of Zap refresh</li> </ul>
3	6/10/98	Jim Filicette	<ul style="list-style-type: none"> <li>●Revise O2O feature</li> <li>●Add Stage I unicode support for phone book to stage V</li> <li>●Move VoiceNotes™ improvement to stage IV</li> <li>●Add note to tri-codec (voice only HR)</li> </ul>
4	7/1/98	Jim Filicette	Major Revisions: <ul style="list-style-type: none"> <li>●Add Eastern European Languages</li> <li>●Clarify stages and features</li> <li>●Add paint requirements</li> <li>●Add manual, literature kit and model structure tables</li> <li>●Add unique SMS alert, last 10 improvements, quick access software features to list.</li> </ul>
5	8/14/98	Jim Filicette	Major Revisions: <ul style="list-style-type: none"> <li>●Udapte Table 1: chargers/Manuals</li> <li>●Update introducton and launch information</li> <li>●Update models to be replaced</li> <li>●Update software features</li> <li>●Update core models, content and variant tables</li> <li>●Update milestones</li> <li>●Add Table 2 to appendix</li> <li>●Add Table 3; literature kits</li> </ul>

**Release Approval Summary:**

<b>Version Number</b>	<b>Signed by</b>	<b>Date</b>
Jim Filicette		
Tracey Koziol		
Ruchi Mangalik		
Steve Akin		
Neal Keating		
Doug Main		
Mike Hader		
Zaf Azam		
Philip Broderson		
Dave Loveridge		
Jim Barber		
Glenn Riese		

---

## 2. Introduction

---

### 2.1 Market Name & Launch Date

---

Market Name:

Europe: cd920 (flip); cd930 (flat)

Asia: cd928e (flip); cd938e (flat)

Ship Authorization date:

11/Sept/98 (use format DDMMYY)

---

### 2.2 Introduction Scope

---

This product description covers the worldwide requirements for GSM 900/1800 Zap and Zap C REFRESH. It will have two stages which will be called: Zap stage IV and Zap stage V. Zap refresh will have a number of long awaited software MMI improvements plus improved keypad and vibrator hardware features.

Zap stage IV ship authorization requirement of 11/SEPT/98 for Western European build and 01/OCT/98 for Eastern European build. Zap and Zap C will have simultaneous launch dates.

Zap stage V will include an enhanced version of stage IV plus Tri-Codec support (half rate). Zap stage V goal for ship acceptance is Dec/98.

Europe Plan:

Stage IV for Europe will have numerous MMI improvements and hardware improvements (key pad and vibraCall™). At the same time, painted housings on the flat version only will be available. The market name will remain the same. The market name for Zap refresh will remain the same as requested by the field.

Asia Plan:

Stage IV for Asia will require a product name change because of the numerous MMI improvements and hardware improvements (key pad and vibraCall™). The proposed market name for Asia is cd928e/cd938e. Stage V for Asia will not require a product name change because Half Rate support will be 'Soft' to the market (only operator). Asia plans to introduce manual band select to limited market on Aug 18, 1998 and full roll out on Sept 1, 1998.

---

### 2.3 Product Strategy

---

#### 2.3.1 Signaling

---

Signaling Type:

GSM Dual Band

---

#### 2.3.2 Key Selling Points

---

New key features in addition to previous versions for Zap Stage IV:

- Significant user interface enhancements
- Unicode for full SIM application toolkit class II plus stage I of Asian phone book
- Eastern European languages
- Improved keypad and VibraCall™

New key features in addition to the above for Zap Stage V:

- Tri-Codec support (voice only HR)

The following are key selling features of previous versions of Zap cd920/cd930:

- Dual-Band technology, the quality capacity solution
- Best in class radio, battery and speaker performance
- Ergonomically designed for comfortable handling
- Value added service delivery through SIM Toolkit
- 3 minute VoiceNote™ message recording feature
- Dual-Rate speech codec (FR and EFR)
- Ease of use
- Large, high contrast (Optimax™), easy to read display

### 2.3.3 Tier

Mid Tier

### 2.3.4 Channel

Same as cd920/cd930.

### 2.3.5 Competitors

Ericsson SH888; now shipping  
 Nokia 6150, due end Q3-98  
 Siemens S15; due end Q2-98  
 Bosch Dual-Com 738; now shipping  
 Mitsubishi MT-D30; due to launch in Q2-98  
 NEC G10; due end Q3-98; and DB2000 also now due in Q3-98  
 Nortel/AEG 2785; due in Q3-98

### 2.3.6 Key Target Customers

Same as cd920 and cd930.

### 2.3.7 Product Tiering Strategy

Zap is a product representing the mid tier.

### 2.3.8 Models to be Replaced

Model Name	Model Number	Comments
cd920	SE0007Bccxx	Stage II Flipped Zap
cd920	SE0012Bccxx	Stage II Flipped Zap w/ CPHS
cd920	SE0300Bccxx	Stage II Flipped Zap w/ SAT
cd920	SE0311Bccxx	Stage II Flipped Zap w/ CPHS & SAT
cd920	SE0287Bccxx	Stage II Flipped Zap w/ PHFA
cd920	SE0145Bccxx	Stage II Flipped Zap GSM 900 only
cd930	SE0006Bccxx	Stage III Flat Zap

cd930	SE0013Bccxx	Stage III Flat Zap w/ CPHS
cd930	SE0913Bccxx	Stage III Flat Zap w/ SAT
cd930	SE0310Bccxx	Stage III Flat Zap w/ SAT & CPHS
cd930	SE0288Bccxx	Stage III Flat Zap w/ PHFA
cd930	SE0146Bccxx	Stage III Flat Zap GSM 900 only

---

## 2.4 Target Markets

Zap is positioned as a feature loaded product, aimed at power users. In particular, the Business Accomplishment and Activity Management user segments will be targeted.

---

## 2.5 Advertising

To be developed in correlation to the Motorola Corporate Wings and brand awareness campaign. Advertising is to be consistent with cd920/cd930. Advertising for the refresh software and hardware features should be toned down. Advertising for the new Zap colors; Electric Blue and Shark Silver should be emphasised to demonstrate Motorola's capabilities in producing exciting colors and finishes. The promotion should be used to counter Nokia's work on the 6110 and 8810.

---

## 3. Product Description

---

### 3.1 Physical Characteristics

---

#### 3.1.1 Phone

Zap refresh will not require any major modifications to the form factor. Flat Zap stage IV will include painted front, rear and battery door housings in electric blue and shark silver.

---

#### 3.1.2 Housing

Same as cd920 and cd930.

---

#### 3.1.3 Battery Door

Painted battery doors will be required to match the housing colors and be available

---

#### 3.1.4 Display

Same as cd920 and cd930.

---

#### 3.1.5 Lens

The shark silver phone will require a new lens to match the keypad. The color will be DM483 blue silver.

---

#### 3.1.6 Keypad

Zap stage IV will include an improved keypad that will address the field complaints on

Zap. Also, shark silver will require a new keypad color to match the lens. The color will be DM483 blue/silver.

---

### **3.1.7 Escutcheon**

---

A new escutcheon will be required for the shark silver phone. The color of the escutcheon will be shark silver with a semi gloss texture to blend in with the painted front housing.

---

### **3.1.8 Antenna**

---

Same as cd920 and cd930.

---

### **3.1.9 Connectivity**

---

Same as cd920 and cd930.

---

### **3.1.10 Sim Card**

---

Same as cd920 and cd930.

---

### **3.1.11 Other Physical Characteristics**

---

Define any other physical characteristics.

Zap stage IV will incorporate a new vibrator to improve the VibraCall™ feature. This will address complaints from the field on the quality of the vibrator. Zap should use the same vibrator that is being used in GSM 8700.

---



---

## **3.2 Performance Characteristics**

---

### **3.2.1 Transceiver Performance**

---

<b>Volume (cubic cm)</b>	<b>Weight (grams)</b>	<b>Talk Time (minutes)</b>	<b>Standby Time (hours)</b>	<b>With Battery (Name)</b>
--------------------------	-----------------------	----------------------------	-----------------------------	----------------------------

TALK/STANDBY TIMES - ZAP					
			DUAL BAND		
			TX/DRX2	DTX/DRX9	
TX	--->	ma	275	220	
RX	--->	ma	12.7	9.5	
Wgt	--->	grams	99		MKT
<b>A. Nickel Metal Hydride</b>					
TX	AAA - Long	650	2.4	3.0	2-3 hrs
RX	139cc	617.5	49	65	50-60 hrs
Wgt	Wgt	48	147		147 g
TX	AA	1100	4.0	5.0	4-5 hrs
RX	150cc	1045	84	110	80-100 hrs
Wgt	Wgt	83	182		193
<b>B. Lithium Ion</b>					
TX	P5	400	1.5	1.8	1-1.5 hrs
RX	139cc	380	30	40	30-40 hrs
Wgt	Wgt	20	119		119 g
TX	LP4 Saft	400	87	109	1-1.5 hrs
RX	139cc	380	30	40	30-40 hrs
Wgt	Wgt	23	122		122 g
TX	LSQ8	1000	3.6	4.5	3.5-4.5 hrs
RX	139cc	950	75	100	80-100 hrs
Wgt	Wgt	45	144		144 g
TX	Hi-Cap Pack	2800	10.2	12.7	10-12 hrs
RX	189cc	2660	209	280	200-250 hrs
Wgt	Wgt	124	223		
<b>C. LiPolymer (Preliminary)</b>					
TX	Lith Ploymer	480	105	131	
RX		456	36	48	
Wgt	Wgt	19	118		

Note: The above performance numbers are engineering estimates for Zap.

### 3.2.2 Compatible Battery Technology & Security

Same as cd920 and cd930. Zap refresh will also employ the invalid battery technology by utilizing the Dallas chip. Zap refresh will eliminate the invalid battery leaflet by integrating the information into the manual.



### 3.2.3 Charge Times

<b>Battery</b>	<b>Charge time with E. P. Standard Travel Charger to 90 % charge (Minutes)</b>	<b>Charge time with E. P. Desktop Charger to 90 % charge (Minutes)</b>
----------------	--	--

Same as cd920 and cd930.

### 3.2.4 Data Compatibility

Same as cd920 and cd930.

## 3.3 Software and Hardware Requirements

Zap refresh will have the same feature set as Zap stage III launch plus the new features below.

#### Key Software Requirements:

<b>Tracking Number</b>	<b>Description</b>	<b>Status - First Launch</b>	<b>Status - Main Launch</b>	<b>Priority</b>
<b>Features required in Zap refresh stage IV:</b>				
0203	Viag Home Zone	In process and committed		1
0195	SIM Toolkit class 2	In process and committed		1
0196	Eastern European languages (not including Hebrew)	In process and committed		1
?*	Asian subsidy lock enhancement	In process and committed		1
0016	Unicode for SIM Toolkit	In process and committed		1
0115	SMS Delete all messages option	In process and committed		1
0023	MO-SMS reply to MT-SMS	In process and committed		1
0014	SMS Phone book access	In process and committed		1
?*	Manual band select for dual band	In process and committed		1
0155	Increase SIM ADN locations from 155- 255	In process and committed		1
?*	Increase SIM SMS locations from 35 to 75	In process and committed		1
0162	Support for CSP based on CPHS V4.2	In process and committed		1
?*	Change CLI lookup to use 8 digits	In process and committed		1
n/a	Check card software	In process and committed	Note: No MMI required	1
?*	Conference call / call transfer improvement	In process and committed		1
?**	Unicode phone book support-stage 1	Under investigation, NOT committed	Note: This feature could hold up Zap refresh launch date in Asia	1
?*	Orange data field support	In process and committed		1
0138**	Quick access additions (3)	In process and committed		1

0075**	Last 10 call improvements	In process and NOT committed		2
0028**	Unique SMS alert tones	In process and NOT committed		2
?*	O2O dual band CSP bit	Under investigation, NOT committed		2

**Features required in Zap refresh stage V:**

0056**	Multi rate speech coder (FR/EFR/HR) (voice only HR)	In process and committed		1
--------	---	--------------------------	--	---

Note:

\* = denotes marketing specification is not available

\*\* = denotes marketing specification is available

Priority:

1 = Required, will not ship without

2 = Will be considered for future product launch; will ship without

**Transceivers:**

Zap refresh for Europe will allow upto 14 languages per transceiver. The languages will be formatted in the following:

The first Zap Refresh transceiver will have the following languages:	The second Zap Refresh transceiver will have the following languages:
English	English
French	Russian
German	Lithuanian
Turkish	Polish
Italian	Czech
Spanish	Slovakian
Danish	Croatian
Finnish	Romanian
Dutch	Slovenia
Greek	Latvian
Norwegian	Estonian
Portuguese	Ukraine
Swedish	Serbian
Hungarian	Bulgarian

**Key Hardware Requirements:**

<b>Tracking Number</b>	<b>Description</b>	<b>Status - First Launch</b>	<b>Status - Main Launch</b>	<b>Priority</b>
Z-1	Vibrator (same as 8700)	Stage IV	Committed	1
Z-2	Vibrator grommet	Stage IV	Committed	1
Z-3	Painted housings & batt doors (flat)	Stage IV	Committed	1
Z-4	Improved keypad	Stage IV	Committed	1
Z-5	Tricoder	Stage V		2
Z-6	New blue/silver lens	Stage IV	Committed	1
Z-7	New blue/silver keypad	Stage IV	Committed	1
Z-8	New shark silver escutcheon	Stage IV	Committed	1

Priority:

1=Must ship in stage IV launch on Sept 11

2=Must ship in stage V launch on Dec 1

---

### **3.4 Flex and Menu Requirements**

---

#### **3.4.1 Flex Default Requirements**

---

<b>Feature</b>	<b>Flex Default</b>
----------------	---------------------

Same as cd920 and cd930

Same as cd920 and cd930.

---

#### **3.4.2 Menu Requirements**

---

<b>Quick Access</b>	<b>New Features</b>	<b>New Features</b>
---------------------	---------------------	---------------------

<b>Phone Book</b>	<b>Call Related Features</b>	<b>Messages</b>
-------------------	------------------------------	-----------------

<b>Phone Setup</b>	<b>Network Selection</b>	<b>Call Meters</b>	<b>Accessory Setup</b>
--------------------	--------------------------	--------------------	------------------------

---

## 3.5 Packaging and Labeling

---

### 3.5.1 Box and Insert

---

New box artwork will not be required for Zap refresh.

**Standard Box** pack configuration.

Configuration	Contents	Quantity	Comments
---------------	----------	----------	----------

Same as cd920/cd930 except the electric blue and shark silver models will substitute the leather holster for the plastic holster.

**Extended Box** pack configuration.

Configuration	Contents	Quantity	Comments
---------------	----------	----------	----------

Same as cd920/cd930.

---

### 3.5.2 Artworks

---

No new artwork will be required for Zap refresh.

---

### 3.5.3 Labeling

---

Same as cd920/cd930.

EAN Numbers for each product type, for each market:

Market (Country)	Product Name	EAN Number	Comments
------------------	--------------	------------	----------

---

## 3.6 Accessories and Compatibility

---

### 3.6.1 Current Accessories

---

Model, Kit, or Part Number	Accessory Name	Compatibility Notes
----------------------------	----------------	---------------------

Same as cd920 and cd930

---

### 3.6.2 Planned Accessories

---

Model, Kit, or Part Number	Accessory Name	Compatibility Notes	Availability Date
----------------------------	----------------	---------------------	-------------------

Same as cd920 and cd930

---

### 3.7 Type Approval and Other Approvals

---

Same as cd920 and cd930

---

## 4. Models and Versions

---

### 4.1 New Sales Models - First Core Product

---

New Sales Models:

<b>Sales Model Number</b>	<b>Brand</b>	<b>Description</b>
SE0007Cccxx	cd920	Stage II Flipped Zap
SE0012Cccxx	cd920	Stage II Flipped Zap w/ CPHS
SE0300Cccxx	cd920	Stage II Flipped Zap w/ SAT
SE0311Cccxx	cd920	Stage II Flipped Zap w/ CPHS & SAT
SE0287Cccxx	cd920	Stage II Flipped Zap w/ PHFA
SE0145Cccxx	cd920	Stage II Flipped Zap GSM 900 only
SE0006Cccxx	cd930	Stage III Flat Zap
SE0013Cccxx	cd930	Stage III Flat Zap w/ CPHS
SE0913Cccxx	cd930	Stage III Flat Zap w/ SAT
SE0310Cccxx	cd930	Stage III Flat Zap w/ SAT & CPHS
SE0288Cccxx	cd930	Stage III Flat Zap w/ PHFA
SE0146Cccxx	cd930	Stage III Flat Zap GSM 900 only

cc = Color suffix, xx = language/market suffix

**Note:** For Europe, Zap refresh will utilize all the existing model numbers from the initial launch of Zap. Zap refresh will employ a similar up-suffixing scheme as stage I, II, III of Zap. Stage IV models will be up-suffixing to the 'C' version of Zap. Stage V model numbers will be up-suffixing to 'D' version of Zap model number.

New Field Service Models:

<b>Field Service Model Number</b>	<b>Brand</b>	<b>Description</b>
-----------------------------------	--------------	--------------------

## 4.2 New Sales Model Content - First Core Product

Models	Transceiver	Manual	Accessories	Other		
<b>cd920-flip</b>						
Core Models	TCVR	Color	Language	Manual/Literature Kits	Accessories	Other
SE0007Cxxx	SUG1264	Black	Western	Kit:	Battery (LSQ8): SNN5360	Holster (plastic):
SE0012Cxxx	SUG1265	TP Blue	Western	See Table 1; Sect 4.4	Battery Door:	SHN6851
SE0300Cxxx	SUG1266	MGX Grey	Western	P/N:	SHN6617-Black	Zap Wings Box:
SE0311Cxxx	SUG1267	Black	Eastern	See Table 1; Sect 4.4	SHN6943-TP blue	560270Z14
SE0287Cxxx	SUG1268	TP Blue	Eastern	Literature Kit:	SHN6825-MGX grey	Blue pulp insert:
SE0145Cxxx	SUG1269	MGX Grey	Eastern	See Table 3; Appendix	Universal Charger: SPN4278	5603930K01
					Plug: See Table 1; Sect 4.4	Flip Esc: See Table 2; Appendix
<b>cd930-flat</b>						
Core Models	TCVR	Color	Language	Manual/Literature Kits	Accessories	Other
SE0006Cxxx	SUG1259	Black	Western	Kit:	Battery (LSQ8): SNN5360	Holster (plastic):
SE0013Cxxx	SUG1260	TP Blue	Western	See Table 1; Sect 4.4	Battery Door:	SHN6851
SE0913Cxxx	SUG1261	MGX Grey	Western	P/N:	SHN6617-Black	*Holster (leather):
SE0310Cxxx	SUG1262	Electric Blue	Western	See Table 1; Sect 4.4	SHN6943-TP blue	SYN6913
SE0288Cxxx	SUG1263	Shark Silver	Western	Literature Kit:	SHN6825-MGX grey	Zap Wings Box:
SE0146Cxxx	SUG1254	Black	Eastern	See Table 3; Appendix	SHN7105-Electric Blue	560270Z14
	SUG1255	TP Blue	Eastern		SHN7106-Shark Silver	Blue pulp insert:
	SUG1256	MGX Grey	Eastern		Universal Charger: SPN4278	5603930K01
	SUG1257	Electric Blue	Eastern		Plug: See Table 1; Sect 4.4	Flat Esc: See Table 2; Appendix
	SUG1258	Shark Silver	Eastern			

\* Leather holster is to be structured with Electric blue and Shark Silver models.

---

### 4.3 New Sales Model Variants - Following Core Products

---

Model Number	Description	Unique item vs Core	Region Responsible for PD
SE0166CB1H2	Stage IV Flip Zap TIM-Italy	Escutcheon, Manual, Box, Flex	Europe
SE0160CB1H3	Stage IV Flip Zap Omnitel-Italy	Escutcheon, Flex	Europe
SE0167CB1H4	Stage IV Flip Zap Wind	Escutcheon, Flex	Europe
SE0161CH2B3	Stage IV Flip Zap Orange-UK	Escutcheon, Box, Flex	Europe
SE0162CB1B7	Stage IV Flip Zap O2O-UK	Escutcheon, Box, Manual, Flex	Europe
SE0164CB1G4	Stage IV Flip Zap Cosmote	Escutcheon, Flex	Europe
SE0282CB1F9	Stage IV Flip Zap Connect-Austria	Flex only	Europe
SE0165CB1F9	Stage IV Flip Zap Mobilix	Flex only	Europe
SE0151CB1F5	Stage IV Flat Zap Eplus - Germany	Escutcheon, Flex	Europe
SE0152CB1F8	Stage IV Flat Zap Viag - Germany	Escutcheon, Flex	Europe
SE0168CB1L2	Stage IV Flip Zap Movistar - Spain	Flex only	Europe
SE0169CB1L2	Stage IV Flip Zap AirTel - Spain	Flex only	Europe
SE0170CB1K2	Stage IV Flip Zap TMN - Portugal	Flex only	Europe
SE0147CB1K4	Stage IV Flat Zap Optimus - Portugal	Escutcheon, Flex	Europe
SE0172CB1E2	Stage IV Flip Zap Bouygues - France	Escutcheon, Flex	Europe

---

### 4.4 Manual Requirements

---

Models	Manual Kit Number	Manual Part Number	Language Market	Translation Priority
--------	-------------------	--------------------	-----------------	----------------------

<b>Table 1. Chargers and Manuals</b>						
<b>Stage IV Flip ZAP</b>	<b>Stage IV Flat ZAP</b>	<b>Charger Plug</b>	<b>Manual Kit #</b>	<b>Manual P/N</b>	<b>Priority</b>	<b>Market or Language</b>
SE0007CccA1 SE0012CccA1	SE0006CccA1 SE0013CccA1	SYN4655	SJN7598B	6809417A28	2	Danish
SE0007CccB1 SE0012CccB1	SE0006CccB1 SE0013CccB1	SYN6718	SJN7609B	6809417A29	Master	English (UK)
SE0007CccC1	SE0006CccC1	SYN4655	SJN7599B	6809417A30	2	Finnish
SE0007CccD1	SE0006CccD1	SYN4655	SJN7602B	6809417A31	2	Dutch
SE0007CccE1 SE0012CccE1	SE0006CccE1 SE0013CccE1	SYN4655	SJN7604B	6809417A32	2	French
SE0007CccF1	SE0006CccF1	SYN4655	SJN7608B	6809417A33	1	German
SE0007CccG1	SE0006CccG1	SYN4655	SJN7600B	6809417A34	3	Greek
SE0007CccH1	SE0006CccH1	SYN4655	SJN7607B	6809417A35	2	Italian
SE0007CccJ1	SE0006CccJ1	SYN4655	SJN7597B	6809417A36	2	Norwegian
SE0007CccK1	SE0006CccK1	SYN4655	SJN7601B	6809417A37	3	Portuguese
SE0007CccL1	SE0006CccL1	SYN4655	SJN7603B	6809417A38	3	Spanish
SE0007CccM1	SE0006CccM1	SYN4655	SJN7606B	6809417A39	2	Swedish
SE0007CccN1	SE0006CccN1	SYN4655	SJN7602B & SJN7604B	-	3	Belgium Package
SE0007CccP1	SE0006CccP1	SYN4655	SJN7604B SJN7607B SJN7608B	-	2	Swiss Package
SE0007CccQ1	SE0006CccQ1	SYN4655	SJN7595B	6809417A39	3	Turkish
SE0007CccR1	SE0006CccR1	SYN4655	SJN7596B	6809417A43	3	Hungarian
SE0007CccS1	SE0006CccS1	SYN4655	SJN7572B	6809417A44	4	Slovakian
other models	other models	SYN4655	SJN7610B	6809417A45	5	Arabic
SE0007CccT1	SE0006CccT1	n/a	SJN7604B SJN7610B	-	5	North Africa Package
SE0007CccU1	SE0006CccU1	SYN4655	SJN7593B	6809417A47	4	Russian
SE0007CccV1	SE0006CccV1	SYN4655	SJN7792B	6809417A48	4	Lithuanian
SE0007CccW1	SE0006CccW1	SYN4655	SJN7571B	6809417A49	4	Polish
SE0007CccY1	SE0006CccY1	SYN4655	SJN7793B	6809417A50	4	Czech
SE0007CccZ1	SE0006CccZ1	SYN4655	None	None		No language
SE0007CccB2	SE0006CccB2	SYN4655	SJN7609B	6809417A29	5	Engl S. Africa
SE0007CccC2	SE0006CccC2	SYN4655	SJN8173B	6809417A52	4	Croatian
SE0007CccF2	SE0006CccF2	SYN4655	SJN7608B	6809417A33	3	Germn - Austria
SE0007CccG2	SE0006CccG2	SYN6718	SJN7600B	6809417A34	5	Cyprus
SE0007CccP2	SE0006CccP2	SYN4655	SJN8174B	6809417A55	4	Romanian
SE0007CccS2	SE0006CccS2	SYN4655	SJN8175B	6809417A56	4	Slovenian
SE0007CccT2	SE0006CccT2	SYN6718	SJN7609B & SJN7610B	-	5	Gulf States Package
SE0007CccU2	SE0006CccU2	SYN4655	SJN8176B	6809417A57	4	Ukrainian
SE0007CccX2	SE0006CccX2	SYN4655	SJN8180B	6809417A58	5	Israeli
SE0007CccZ2	SE0006CccZ2	SYN6718	None	None		No language
SE0007CccA3	SE0006CccA3	SYN4655	SJN8177B	6809417A59	4	Latvian
SE0007CccC3	SE0006CccC3	SYN4655	SJN8178B	6809417A60	4	Estonian
SE0007CccA4	SE0006CccA4	SYN4655	SJN8179B	6809417A61	4	Bulgarian
SE0007Cccxx	SE0006Cccxx	SYNxxxx	SJN8530A	6809417A62	4	Serbian

## 5. Schedule Milestones



<b>Schedule Milestone</b>	<b>Units</b>	<b>Requested Date (DDMMYY)</b>	<b>Comments</b>
<b>Non-Functioning Cosmetically Correct Units For Marketing Purposes</b>	N/A		
<b>Functioning Units For Marketing Purposes</b> (final functionality not required)	20	24/AUG/98	Note: Painted units each color
<b>Field Engineering Test Samples</b>	30	31/AUG/98	Units with new keypad/vibrator
<b>Worldwide Operator Test Samples</b>	100	31/AUG/98	
<b>Market Trial Test Samples</b>	N/A		
<b>Launch Requirements</b>	30000	11/Sept/98	

---

## 6. Launch Volume

---

Required Introduction Date: 11/Sept/98  
 Launch Volume (number of units): 5.000

	<b>Period (MMYY)</b>	<b>Volume Region 1 EMEA</b>	<b>Volume Region 2 ASIA</b>	<b>Volume Region 3</b>	<b>Volume Other</b>	<b>Volume Total Worldwide</b>
<b>Required Stock for Launch</b>	Sep. 98	15.000	15.000	0	0	30.000

Define expected Product Lifetime: Through Q4 1999

---

## 7. Future Product Requirements

---

Keep a list of all requirements requested in this product description, from the first draft through final copy, which ARE NOT POSSIBLE in this product design. The intent of this section is to keep a running list of all non-fulfilled requirements, for inclusion in the next product design activity.

Approval of this product description, brings an agreement between all team members, on what will be included in this product design. Items in this section are EXCLUDED from the approval.

**Define Key Requirements Excluded From This Product Description, but required for**

**future product introduction.**

<b>Tracking Number</b>	<b>Description</b>	<b>Status - First Launch</b>	<b>Status - Main Launch</b>	<b>Priority</b>
------------------------	--------------------	------------------------------	-----------------------------	-----------------

**Define Other Expected Customers, in First 3 Months of Production:**

<b>Customer Name</b>	<b>Product Required</b>	<b>Comments</b>
----------------------	-------------------------	-----------------

## 8. Appendix

Attach any additional information required:

**Table 2:**

cd920 flip	Black	Magix Grey	Ten Pin Blue
Lens Surround	Black	Silver MM524	Black
Lens Printing	Pantone 427	Bright White	Pantone 427
Front Escutcheon Part Number	5409397M08	5409397M09	5409397M08
Front Escutcheon Background	Black	Silver MM524	Black
Front Escutcheon Finish	Glossy	Glossy	Glossy
Front Escutcheon Printing	Pantone 427	Bright White	Pantone 427
Back Escutcheon Part Number	5409158T04	5409158T04	5409158T04
Back Escutcheon Background	Black	Black	Black
Back Escutcheon Finish	Domed	Domed	Domed
Back Escutcheon Printing	Pantone 427	Pantone 427	Pantone 427
Keypad Background	Black	Black	Black
Keypad Finish	Hard	Hard	Hard

cd930 Flat	Black	Magix Grey	Ten Pin Blue	Electric Blue	Shark Silver
Lens Surround	Black	Silver MM524	Black	Black	Blue/Silver DM4
Lens Printing	Pantone 427	Bright White	Pantone 427	Pantone 427	Pantone 427
Front Escutcheon Part Number	1309432U01	1309432U05	1309432U01	1309432U01	1309432U30
Front Escutcheon Background	Black	Silver MM524	Black	Black	Shark Silver
Front Escutcheon Finish	Glossy	Glossy	Glossy	Glossy	Textured
Front Escutcheon Printing	Pantone 427	Bright White	Pantone 427	Pantone 427	Black
Back Escutcheon Part Number	5409158T04	5409158T04	5409158T04	5409158T04	5409158T04
Back Escutcheon Background	Black	Black	Black	Black	Black
Back Escutcheon Finish	Domed	Domed	Domed	Domed	Domed
Back Escutcheon Printing	Pantone 427	Pantone 427	Pantone 427	Pantone 427	Pantone 427
Keypad Background	Black	Black	Black	Black	Blue/Silver DM4
Keypad Finish	Silicon Matte	Silicon Matte	Silicon Matte	Silicon Matte	Silicon Matte

<b>Table 3: Literature Kits</b>				
<b>Stage IV Flipped ZAP</b>	<b>Stage IV Flat ZAP</b>	<b>Kit Number</b>	<b>Market</b>	<b>Kit Contents</b>
SE0007CccA1 SE0012CccA1	SE0006CccA1 SE0013CccA1	SJN8356BA	Denmark	Accessory leaflet-68p09414A66
SE0007CccB1 SE0012CccB1	SE0006CccB1 SE0013CccB1	SJN8356BB	UK	Accessory leaflet-68p09414A67 Registration Card-68p09408A20
SE0007CccC1	SE0006CccC1	SJN8356BC	Finland	Accessory leaflet-68p09414A68
SE0007CccD1	SE0006CccD1	SJN8356BD	Netherlands	Accessory leaflet-68p09414A69 Registration Card-68p09408A24
SE0007CccE1 SE0012CccE1	SE0006CccE1 SE0013CccE1	SJN8356BE	France	Accessory leaflet-68p09414A70 Registration Card-68p09408A21
SE0007CccF1	SE0006CccF1	SJN8356BF	Germany	Accessory leaflet-68p09414A71 Registration Card-68p09408A22 24 hour service-68p09405A07
SE0007CccG1	SE0006CccG1	SJN8356BG	Greece	Accessory leaflet-68p09414A72
SE0007CccH1	SE0006CccH1	SJN8356BH	Italy	Accessory leaflet-68p09414A73
SE0007CccJ1	SE0006CccJ1	SJN8356BJ	Norway	Accessory leaflet-68p09414A74
SE0007CccK1	SE0006CccK1	SJN8356BK	Portugal	Accessory leaflet-68p09414A75 Waranty Card-68p09405A09
SE0007CccL1	SE0006CccL1	SJN8356BL	Spain	Accessory leaflet-68p09414A76 Registration Card-68p09408A23 Waranty Card-68p09405A08
SE0007CccM1	SE0006CccM1	SJN8356BM	Sweden	Accessory leaflet-68p09414A77
SE0007CccN1	SE0006CccN1	SJN8356BN	Belgium	Accessory leaflet-68p09414A78
SE0007CccP1	SE0006CccP1	SJN8356BP	Switzerland	Accessory leaflet-68p09414A79
SE0007CccQ1	SE0006CccQ1	SJN8356BQ	Turkey	Accessory leaflet-68p09414A80
SE0007CccR1	SE0006CccR1	SJN8356BR	Hungary	Accessory leaflet-68p09414A81
SE0007CccS1	SE0006CccS1	SJN8356BS	Slovakia	Accessory leaflet-68p09414A82
other models	other models	SJN8356BT	Arab/Eng/French	Accessory leaflet-68p09414A83
SE0007CccT1	SE0006CccT1	SJN8356BT	North Africa	Accessory leaflet-68p09414A83
SE0007CccU1	SE0006CccU1	SJN8356BU	Russia	Accessory leaflet-68p09414A84
SE0007CccV1	SE0006CccV1	SJN8356BV	Lithuania	Accessory leaflet-68p09414A85
SE0007CccW	SE0006CccW1	SJN8356B	Poland	Accessory leaflet-68p09414A86
SE0007CccY1	SE0006CccY1	SJN8356BX	Czech Republic	Accessory leaflet-68p09414A87
SE0007CccZ1	SE0006CccZ1	NONE	Generic UK plug	None
SE0007CccB2	SE0006CccB2	SJN8491BA	So Africa	Accessory leaflet-68p09414A67
SE0007CccC2	SE0006CccC2	SJN8356BY	Croatia	Accessory leaflet-68p09414A88
SE0007CccF2	SE0006CccF2	SJN8489BA	Austria	Accessory leaflet-68p09414A71 Registration Card-68p09408A22 24 hour service-68p09405A16
SE0007CccG2	SE0006CccG2	SJN8356BZ	Cyprus	Accessory leaflet-68p09414A89
SE0007CccP2	SE0006CccP2	SJN8490BA	Romania	Accessory leaflet-68p09414A90
SE0007CccS2	SE0006CccS2	SJN8492BA	Slovenia	Accessory leaflet-68p09414A79
SE0007CccT2	SE0006CccT2	SJN8493BA	Gulf States	Accessory leaflet-68p09414A83
SE0007CccU2	SE0006CccU2	SJN8357BA	Ukraine	Accessory leaflet-68p09414A91
SE0007CccX2	SE0006CccX2	SJN8357BB	Israel	Accessory leaflet-68p09414A92
SE0007CccZ2	SE0006CccZ2	NONE	Generic UK plug	None
SE0007CccA3	SE0006CccA3	SJN8357BC	Latvia	Accessory leaflet-68p09414A93
SE0007CccC3	SE0006CccC3	SJN8357BD	Estonia	Accessory leaflet-68p09414A94
SE0007CccA4	SE0006CccA4	SJN8357BE	Bulgaria	Accessory leaflet-68p09414A95
SE0007Cccxx	SE0006Cccxx		Serbia	



Zap Refresh Aug 98.pp

