

# Short Service Book



**Date:** 2006-07-31 v1.1

**MAG:** C40

**Service-chassis-name:** AJ5100

**Development-chassis-name:** **Clock Radio**

**Product-description + key features** Tuner/Reception DAB: Band III, Info display, Smart Scan, Menu  
 Tuner Bands: FM  
 Station presets: 20  
 Auto digital tuning, with FM Antenna  
 Loudspeaker types: Bass Reflex Speaker System with 2x1.5W Output power (RMS)  
 Stereo Sound System

**Successor of:** Not applicable

**Complete new/derived:** NEW

**Own-designed product or OEM:** OEM

**Supplier/Development lab (BLC):** YUSAN

**Supplier/Production Center:** YUSAN

**Which regions are the customer:** Europe

Sales per region per CTN:	Model	Stk	First Shipment	FMS Qty	Total Qty
	AJ5100	/05	WK625	2K	25K

Expected going-price:	Model	Stk	Region	Going Price	Currency
	AJ5100	/05	Europe	59	UK GBP

**Planning:**  
 PRS WK610  
 CR WK625  
 FMS WK625

**Service-offering:** **OCX / CCB**

**Estimated CPI at PRS:** Not applicable

**Field-call rate breakdown:** The FCR target is 1.38%



**Key-components and technology** Not applicable

**Expected serviceability rating:** Not applicable

**Standard-tools check:** Not applicable

**Extra-tools needed:** Not applicable

**Backcharging opportunities** Not applicable

**Key delta requirements:** Not applicable

**Service deliverables expected:** Not applicable

**Knowledge Transfer** Ready on CCR

**Special actions needed** Not applicable

**Changed opinions after PRS-date:** Not applicable

Rev **PRODUCT FCR PREDICTION OVERVIEW**

1	<b>Model No.</b> :	AJ5100	<b>REV</b>	<b>DATE</b>	<b>REV</b>	<b>DATE</b>	<b>Prepared by</b>  <b>Laurens Li</b>
	<b>Dev. Centre</b> :	Hip shing/frontier	0	09-Jan-06	3		
	<b>Prodn. Centre</b> :	Hip shing	1	08-Mar-06	4		
	<b>Release Milestone</b> :	PRS	2		5		

<b>ITEM</b>	<b>AJ5100</b>	<b>Reference for actual FCR</b>	<b>Proposed Actions</b>	<b>Remarks</b>
	<b>FCR</b>			

Product Technology(meeting the spec in terms of functionality, performance and quality)

Modified on wkxxx

HARDWARE	Actual	Spec	Predicted	Uncertainty	Risk	Predicted	Uncertainty	Risk	Pareto		
<b>FM</b>	<b>0.026</b>		<b>0.200</b>	medium	medium				<b>14.46%</b>		Self-pollution
FM electronics	0.026		0.200	low	low				14.46%		
FM mechanics	0.000		0.000	low	low				0.00%		
<b>DAB</b>	<b>0.300</b>		<b>0.300</b>	medium	medium				<b>21.69%</b>		Monitor Duual Band DAB
<b>COMPONENTS</b>	<b>0.079</b>		<b>0.153</b>	low	low				<b>11.07%</b>		
Telescope antenna	0.025		0.100	low	low				7.23%		
Transformer	0.026		0.030	low	low				2.17%		
Speaker(s)	0.004		0.004	low	low				0.30%		
Switches	0.012		0.012	low	low				0.84%		
Power amplifier	0.007		0.007	low	low				0.53%		
Volume control potmeter	0.004		0.000	low	low				0.00%		
<b>CONTROL / FRONT</b>	<b>0.004</b>		<b>0.120</b>	low	low				<b>8.68%</b>		
Display (LCD)	0.004		0.020	low	low				1.45%		
Construction(battery door/assemble)			0.100	medium	low				7.23%		
<b>DESIGN / TECHNIUQE</b>	<b>0.000</b>		<b>0.050</b>	low	low				<b>3.61%</b>		
<b>PROCESS</b>	<b>0.163</b>		<b>0.160</b>	medium	low				<b>11.57%</b>		Process need to confirm
Assembly fault	0.063		0.060	low	low				4.34%		
Dry solder joint / bad soldered	0.100		0.100	low	low				7.23%		
<b>MISCELLANEOUS</b>											
Fault not found / no fault found	<b>0.300</b>		<b>0.300</b>	high	medium				<b>21.69%</b>		
<b>PREDICTED TOTAL FCR (Europe)</b>			<b>1.38</b>						100.00%	<i>Year 2006 CRT FCR Target - 0.99% (Europe)</i>	

Signature :  
( project team )

Project Managt Product Manager:  
Daniel Ko

QPL:  
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Philips:

OEM Supplier: