

Short Service Book



Date: 2006-07-31 v1.1

MAG: C39

Service-chassis-name: AZ1133

Development-chassis-name: **CD Soundmachine**

Product-description + key features Playback Media: MP3-CD, CD, CD-R, CD-RW
 Disc Playback Modes:
 Fast Forward/Backward, Next/Previous Track Search, Repeat Play, Shuffle Play
 Loader Type: Top
 Programmable Tracks: 20
 With FM Antenna
 Stereo Sound System with 2x1 W output power

Successor of: Not applicable

Complete new/derived: NEW

Own-designed product or OEM: OEM

Supplier/Development lab (BLC): ARTS

Which regions are the customer: LATAM

Sales per region per CTN:	Model	Stk	First Shipment	FMS Qty	Total Qty
	AZ1133	/78	wk616	5K	100K

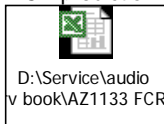
Expected going-price:	Model	Stk	Region	Going Price	Currency
	AZ1133	/78	LATAM	\$259	Brazil R

Planning:		
	PRS	wk602
	CR	wk616
	FMS	wk616

Service-offering: OCX / CCB

Estimated CPI at PRS: Not applicable

Field-call rate breakdown: FCR prediction is 2.43%



Key-components and technology	Service Spareparts	Philips 12NC
	CD DAMPER 658 TA 30	99400000505
	CD DAMPER 658 TB 40	99400000506
	ROD ANTENNA 158-600MM	99400001687
	AC CORD SET VDE/BRAZIL APP 1.83M	994000037714
	H/TRANSFORMER EI48 117/234V	99400005083
	SPEAKER 3" 2W 8 OHM	99400005084
	CD MECHANISM DA11B3VZ	99400005085
	DOOR LOCK #DSL-01B	99400005086
	BATTERY DOOR	99400005087
	HANDLE	996500037712
	CD DOOR AZ1133	996500037713

Expected serviceability rating: Not applicable

Standard-tools check: Not applicable

Extra-tools needed: Not applicable

Backcharging opportunities Yes

Key delta requirements: Not applicable

Service deliverables expected: Service BOM of accessory partlist

Knowledge Transfer Ready on CCR

Special actions needed Not applicable

Changed opinions after PRS-date: Not applicable
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PRODUCT FCR PREDICTION		REPORT NO :		FCR-MCSD/2006-MZ1123/1133						PAGE 1 OF 1					
Rev	PRODUCT FCR PREDICTION OVERVIEW														
1	Model No.	:	AZ1133								REV	DATE	REV	DATE	Prepared by
	Dev. Centre	:	ARTS								0	23-Oct-05	3		Lucie Hu
	Prodn. Centre	:	ARTS								1	24-Nov-05	4		
	Release Milestone	:	PRS								2		5		
	ITEM	AZ1133								Reference for actual FCR		Proposed Actions		Remarks	
		FCR													
	Product Technology(meeting the spec in terms of functionality, performance and quality)				Predicted on wk548				Pareto						
	HARDWARE	MCS225 Actual	Spec	Predicted	Uncertainty	Risk	Predicted	Uncertainty	Risk						
	CD - MP3	CD mechanism	0.69	0.40	0.69	high	high	0.50	medium	medium	20.59%	New CDM solution FCR prediction			
		CD drive	0.23	0.10	0.23	high	high	0.20	medium	medium	8.24%	New CDM solution FCR prediction			
		MP3		0.10	0.10	medium	medium	0.10	low	low	4.12%	New CDM solution FCR prediction			
	TUNER Failure		0.03	0.05	0.05	high	high	0.05	medium	medium	2.06%	reference to MCS225			
	POWER & AF part failure		0.10	0.25	0.25	medium	low	0.10	low	low	4.12%	reference to MCS225			
	Electrical/Electronics part failure		0.05		0.05	medium	low	0.05	low	low	2.06%	reference to MCS225			
	Mechanical part failure				0.50	High	medium	0.20	low	low	8.24%	New style design FCR prediction.			
	Battery compartment failure		0.01		0.05	medium	medium	0.05	low	low	2.06%	random failure			
	SPEAKER failure		0.01		0.05	low	low	0.05	low	low	2.06%	random failure			
	PROCESS	Soldering	0.13	0.15	0.20	high	high	0.15	medium	medium	6.18%	Based on OEM process / factory			
		Workmanship	0.05	0.15	0.20	high	High	0.15	medium	medium	6.18%	Based on OEM process / factory			
	Design	Technique / Software			0.50	high	medium	0.10	medium	low	4.12%	new SW FCR prediction	draw out and approve to URS		
	PREDICTED SUB-TOTAL FCR EXCLUDE FNF				2.87			1.70			70.00%				
	Fault not found		0.86		1.23	high	medium	0.73	low	low	30.00%	refer to average FNF figure in Brazil			
	PREDICTED TOTAL FCR		2.48		4.10			2.43			100.00%	Year 2006 FCR Target for VFM CDSM - 2.52% (Latam)			
Signature : (project team)															
	Project Manager:	Product Manager:	QPL:	Phillips:	OEM Supplier:										
	Daniel Ko	Rodney CH Chan	Lucie Hu												