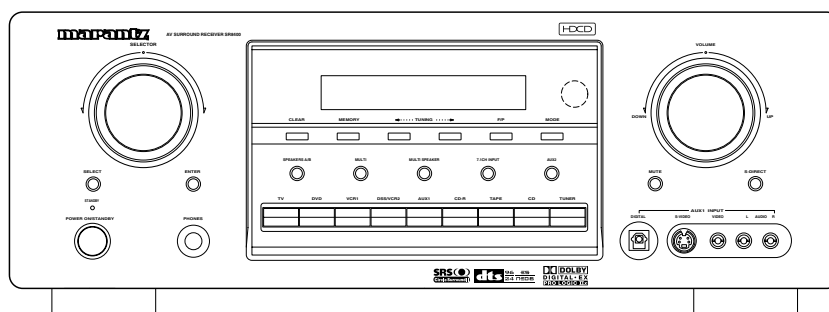


Service Manual

SR8400 /U1B

AV Surround Receiver



SRS
Circle Surround II

dts 96 ES
24 NEO6

DOLBY
DIGITAL EX
PRO LOGIC II

HDCD

REMARK :

- This service manual shows only the differences between the model SR8400/U1B and the model SR7400/U1B.
- The most significant changes from SR7400 to SR8400 are the quality of sound improvement parts. All other information is described in the service manual of the model SR7400 (Part no. 37AW855010).
- The dispatch of the parts for after sales service has to be referred to these service manuals, with the first priority.
For this reason, please use this service manual with referring to the model SR7400 service manual without fail.

Please use this service manual with referring to the user guide (D.F.U.) without fail.
修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行ってください。

marantz®

SR8400

Part no. 06BW855010
First Issue 2004.02
ecm

The changed parts are listed below. Not listed parts are the same as the model SR7400.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJ)	DESCRIPTION		
AMP PCB (CUP11656Z)						
C401	/U1B	nsp	OA10605050	ELECT. CAP	10µF/50V	
C402	/U1B	nsp	OA10605050	ELECT. CAP	10µF/50V	
C409	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C410	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C419	/U1B	nsp	*OA000120R	ELECT. CAP	100µF/50V	HCEA1HAHS101T
C420	/U1B	nsp	*OA000120R	ELECT. CAP	100µF/50V	HCEA1HAHS101T
C501	/U1B	nsp	OA10605050	ELECT. CAP	10µF/50V	
C502	/U1B	nsp	OA10605050	ELECT. CAP	10µF/50V	
C509	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C510	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C519	/U1B	nsp	*OA000120R	ELECT. CAP	100µF/50V	HCEA1HAHS101T
C520	/U1B	nsp	*OA000120R	ELECT. CAP	100µF/50V	HCEA1HAHS101T
C601	/U1B	nsp	OA10605050	ELECT. CAP	10µF/50V	
C602	/U1B	nsp	OA10605050	ELECT. CAP	10µF/50V	
C609	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C610	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C619	/U1B	nsp	*OA000120R	ELECT. CAP	100µF/50V	HCEA1HAHS101T
C620	/U1B	nsp	*OA000120R	ELECT. CAP	100µF/50V	HCEA1HAHS101T
C701	/U1B	nsp	OA10605050	ELECT. CAP	10µF/50V	
C709	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C719	/U1B	nsp	*OA000120R	ELECT. CAP	100µF/50V	HCEA1HAHS101T
C809	/U1B	nsp	nsp	CER. CAP.	4700pF 50V KB	CCKT1H472KB
R457	/U1B	nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
R557	/U1B	nsp	nsp	RES.	470Ω 1/6W J	CRD20TJ471T
COMPONENT PCB (CUP11660-1), 7.1CH PREOUT PCB (CUP11660-2), SBLR PCB (CUP11660-3)						
JK11	/U1B	nsp	*YT003740R	TERMINAL	3P,G/B/R,GOLD	CJJ4S036Z
JK12	/U1B	nsp	*YT003740R	TERMINAL	3P,G/B/R,GOLD	CJJ4S036Z
JK13	/U1B	nsp	*YT003740R	TERMINAL	3P,G/B/R,GOLD	CJJ4S036Z
JK15	/U1B	nsp	*YT003720R	TERMINAL	GOLD PLATE	CJJ4P047Z
JK16	/U1B	nsp	*YT003720R	TERMINAL	GOLD PLATE	CJJ4P047Z
DSP PCB (CUP11658Z)						
C210	/U1B	nsp	OA22602550	ELECT. CAP	22µF/25V	
C217	/U1B	nsp	OA22602550	ELECT. CAP	22µF/25V	
C224	/U1B	nsp	OA22602550	ELECT. CAP	22µF/25V	
C231	/U1B	nsp	OA22602550	ELECT. CAP	22µF/25V	
C238	/U1B	nsp	OA22602550	ELECT. CAP	22µF/25V	
C246	/U1B	nsp	OA22602550	ELECT. CAP	22µF/25V	
C253	/U1B	nsp	OA22602550	ELECT. CAP	22µF/25V	
C273	/U1B	nsp	OA22602550	ELECT. CAP	22µF/25V	
JK14	/U1B	nsp	*YT003760R	TERMINAL	B/B/B,GOLDPLATE	CJJ4S038Z
JK15	/U1B	nsp	*YT003700R	TERMINAL	CINCH 1P BLACK GOLD	CJJ4M051Z
RC36	/U1B	nsp	NN05393610	CHIP RES.	39kΩ	HRJ10DJ393T
RC37	/U1B	nsp	NN05563610	CHIP RES.	56kΩ	HRJ10DJ563T
SW10	/U1B	nsp	*SP001290R	SWITCH	SPUJ19XSM011	HSB2B018Z
INPUT PCB (CUP11657-1), TUNER PCB						
C238	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C239	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C240	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C241	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C242	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T

NOTE : *nsp* PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

The changed parts are listed below. Not listed parts are the same as the model SR7400.

POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
C243	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C244	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C254	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C256	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C258	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C260	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C262	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C264	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C266	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C281	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C282	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C283	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C284	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C285	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C286	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C287	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C288	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C292	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C293	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C294	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C295	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C296	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C297	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C298	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C329	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C330	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C331	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C332	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C333	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C334	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C335	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C336	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C337	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C338	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C339	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C340	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C341	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C342	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C343	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C344	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C345	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C346	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C347	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C348	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C349	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C376	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C404	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C406	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C419	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C420	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C423	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C424	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
C427	/U1B	nsp	*OA000110R	ELECT. CAP	10µF/50V	HCEA1HAHS100T
C428	/U1B	nsp	*OA000130R	ELECT. CAP	22µF/50V	HCEA1HAHS220T
C430	/U1B	nsp	*OA000100R	ELECT. CAP	47µF/50V	HCEA1EAHS470T
JK21	/U1B	nsp	*YT003730R	TERMINAL	GOLD. PLATE	CJJ4R020Z

NOTE : *nsp* PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

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POS. NO	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	DESCRIPTION		
JK22	/U1B	nsp	*YT003730R	TERMINAL	GOLD. PLATE	CJJ4R020Z
JK23	/U1B	nsp	*YT003730R	TERMINAL	GOLD. PLATE	CJJ4R020Z
JK24	/U1B	nsp	*YT003730R	TERMINAL	GOLD. PLATE	CJJ4R020Z
JK25	/U1B	nsp	*YT003720R	TERMINAL	GOLD PLATE	CJJ4P047Z
JK26	/U1B	nsp	*YT003720R	TERMINAL	GOLD PLATE	CJJ4P047Z
POWER PCB (CUP11659-1), VIDEO PCB (CUP11659-2)						
▲	C633	/U1B	nsp	*EX000160R	ELECT. CAP	71VAHS 18000(M) HCET71VAHS183N
▲	C634	/U1B	nsp	*EX000160R	ELECT. CAP	71VAHS 18000(M) HCET71VAHS183N
	C640	/U1B	nsp	*OA000160R	ELECT. CAP	3300µF/35V HCEA1VH332E
	JK71	/U1B	nsp	*YT003750R	TERMINAL	YELLOW, GOLD CJJ4S037Z
	JK72	/U1B	nsp	*YT003750R	TERMINAL	YELLOW, GOLD CJJ4S037Z
	JK73	/U1B	nsp	*YT003710R	TERMINAL	VIDEO CJJ4N044Z
	JK74	/U1B	nsp	*YT003780R	TERMINAL	S-VIDEO (3P/H) CJJ9S002Z
	JK75	/U1B	nsp	*YT003770R	TERMINAL	S-VIDEO (2P/H) CJJ9N005Z
	JK76	/U1B	nsp	*YT003770R	TERMINAL	S-VIDEO (2P/H) CJJ9N005Z
EXPLODED VIEW PARTS						
	2	/U1B	nsp	06BW248020	PANEL	FRONT AL PANEL (U BLACK) CKM2A134RC23
▲	9	/U1B	nsp	*TS002150R	MAINS TRANSF.	SR8400/U1 HLT5Z009ZU
	20	/U1B	nsp	nsp	CHASSIS	COPPER PLATING CUA1A230CC
	22	/U1B	nsp	nsp	PCB ASSY	SR8400/U1 COP11657G
	25	/U1B	nsp	nsp	PCB ASSY	SR8400/U1 COP11658G
	26	/U1B	nsp	nsp	PCB ASSY	SR8400/U1 COP11660G
	28	/U1B	nsp	nsp	PANEL	REAR PANEL U1B CKF2A273W
	34	/U1B	nsp	nsp	PCB ASSY	SR8400/U1 COP11659G
		/U1B	nsp	nsp	BOTTOM LID	BOTTOM PLATE HUA1A242
PACKING						
		/U1B	nsp	06BW851250	USER GUIDE	USER GUIDE SR8400 U CQX1A907Z
NOT STANDARD SPARE PART						
		/U1B	nsp	06BW801010	PACKING CASE	PACKING CASE SR8400 CPG1A720R
REMOVED PART (DSP PCB)						
	C281		nsp	DD95330300	CER. CAP.	33pF HCUS1H330JA
REMOVED PART (POWER PCB, VIDEO PCB)						
	BN73		nsp	nsp	CONN. CORD	CWB3F006100UZ
REMOVED PART (CONVERTER PCB)						
	C153		nsp	DD95120300	CER. CAP.	12pF HCUS1H120JA

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