

Service Manual

DVD Home Theatre Sound System

SA-HT545GN

SA-HT895GN

SA-HT995GN

Colour

(S) Black Type



Subject : Service Repair Information

Please use this service manual together with the service manual for

Model No. SA-HT545GN-S, Order No. MD0605179C3,

Model No. SA-HT895GN-S, Order No. MD0605183C3,

Model No. SA-HT995GN-S, Order No. MD0605203C3.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Service Note

1.1. Background

The following list of models has been improved with the over voltage protection sensing voltage changing from +/-30V to 30V (ground to -30V):

- (A) SA-HT545GN-S (MD0605179C3)
(B) SA-HT895GN-S (MD0605183C3)
(C) SA-HT995GN-S (MD0605203C3)

Below reflects the changes to the necessary parts in Main P.C.B: -

Part Number					
Model No.	Refer No.	Original Part No.	New Part No.	Part Name & Descriptions	Remarks
SA-HT895GN-S, SA-HT995GN-S	C5713	ECJ1VB1H102K	ECJ1VB1H104K	CAPACITOR	CHANGE [M]
SA-HT545GN-S, SA-HT895GN-S, SA-HT995GN-S	D2900	B0BC035A0007	B0BC010A0007	ZENER DIODE	CHANGE [M]
SA-HT545GN-S, SA-HT895GN-S, SA-HT995GN-S	R5729	ERJ6GEYJ103V	ERDS2TJ562T	RESISTOR	CHANGE [M]
SA-HT545GN-S, SA-HT895GN-S, SA-HT995GN-S	RW20	-	REU35R055CC	WIRE	ADD [M]

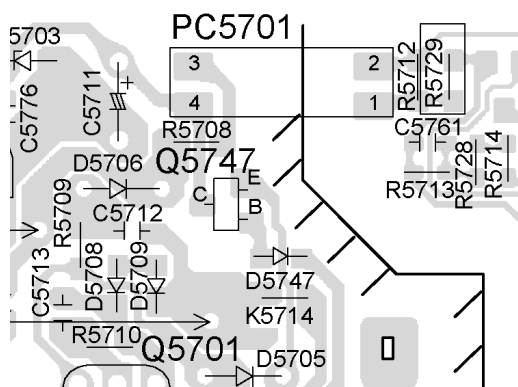
[M] indicates parts that are supplied by PAVCSG.

Suffix No. Change Information:

- (A) SA-HT545GN-S : From “C” To “D”. (Main/Power P.C.B Part No. REPX0536A)
 (B) SA-HT895GN-S: From “F” to “G”. (Main/Power P.C.B Part No. REPX0507D)
 (C) SA-HT995GN-S: From “F” to “G”. (Main/Power P.C.B Part No. REPX0542A)

2 Parts replacement Procedure

Step 1: Remove chip resistor, R5729 (ERJ6GEYJ103V) from the Main P.C.B.



Step 2: Replace the chip resistor, R5729 with discrete part (ERDS2TJ562T) by back-solder. Connect the discrete resistor from pin 1 of PC5701 to ground by wire (REU35R055CC). Apply bond after the back-solder of the part.

Step 5: Change resistor, R5709 (New Part No.: ERJ3GEYJ202V)