



SERVICE BULLETIN
NO:99010-r1

LAST REVISED :00/03/02
 DATE : 99/09/03

MODELS : TX-DS575

SUBJECT : Noise is heard from "VOLUME MIN" to "VOLUME 1".

Symptom:

When MASTER VOLUME is raised from "VOLUME MIN" to "VOLUME 1", the noise is heard from front speaker, center speaker, and rear speaker.

Cause:

The gain of the following circuit from master volume is higher, and the residual noise in the amplifier was larger.

Procedure for service:

Please improve the complaint goods without "A" added at the end of serial numbers as follows.

- a. The gain of all channels is reduced.
- b. Noise decrease
- c. Distortion rate improvement

Because the distortion rate worsens by reducing the gain, please do measures of item C.

If the volume position is raised about 30 degrees, the noise becomes as well as before measures when measures are executed.

The following service improvement ideas have the effect of the improvement of about 7~9dB.

Circuit No.	Before	After	Parts No.	Remarks
a. Gain reduce (NAVD-6566)				
R3183,R3283	39kohm	18kohm	417341834	Front L/R
R3184,R3284	47kohm	10kohm	417341034	Front L/R
R3384,R3484,R3584	22kohm	6.8kohm	417346824	Center,Surround
R3683	330ohm	820ohm	417348214	Sub-woofer
b. Noise decrease (NAVD-6566)				
Q3180,Q3181,Q3281	NJM4558L	NJM4580L-D	22240312	Front L/R
C3183,C3185,C3283 C3285,C3383,C3483 C3583	27pF	220pF	345022214	>100KHz
c. Distortion rate improvement				
R3199(NAVD-6566)	100kohm	220kohm	417342244	Additional
J231(NAVD-6566) (*1)	J231	10kohm	417341034	
R7089(NADIS-6576) (*2)	220ohm	10kohm	433121034R1	

NOTE : *1 and *2 are same modification. Please modify *1 or *2.

