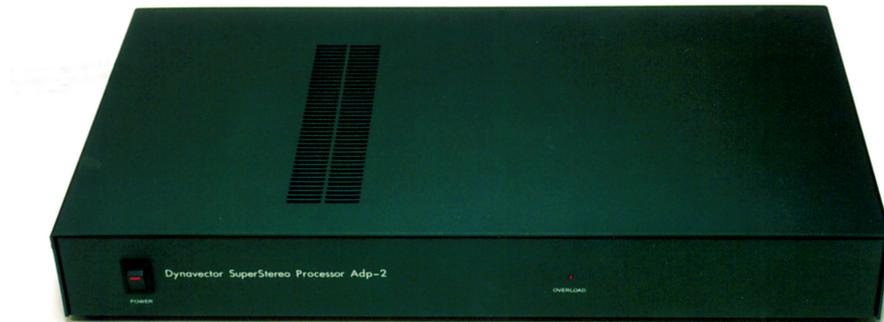




# Dynavector SuperStereo Processor DV-SS-Adp-2 User Instructions and Installation Manual

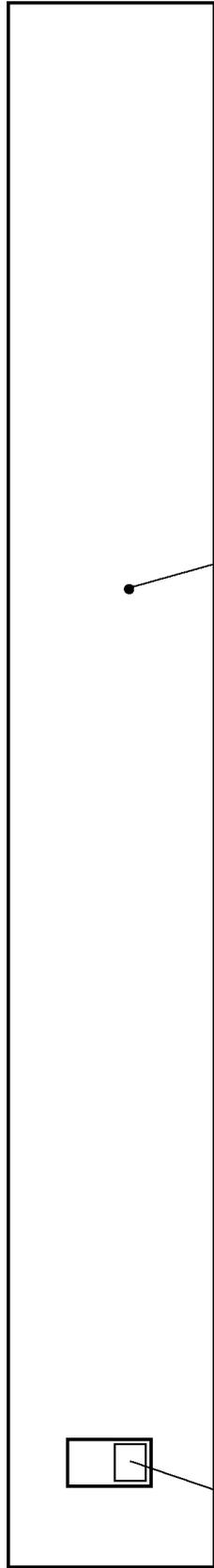


## Introduction

Dynavector SuperStereo has been highly acclaimed as the only system able to recreate real music from the playback of recorded sound.

Because of the limitations inherent in conventional stereo systems, the music which they reproduce, regardless of its scale or quality, lacks the sound of the original performance. There is a missing link which has been the greatest problem affecting sound reproduction. SuperStereo is the first system in the long history of recorded sound to succeed in breaking through this difficult barrier.

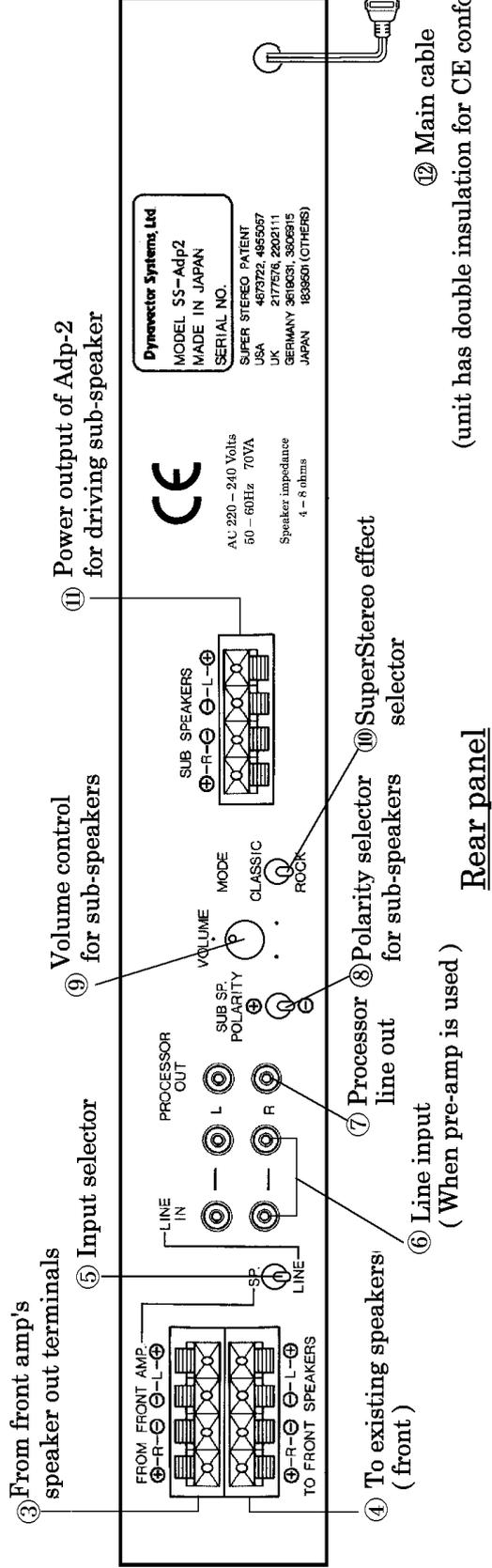
The DV-SS Adp-2 is designed to be straightforward to install and use so that music lovers who may not be especially familiar with audio equipment can enjoy in their homes life-like reproduction from their CD's, records and tapes without difficulty.



① Power switch

② Overload warning indicator

Front panel



③ From front amp's speaker out terminals

⑤ Input selector

⑨ Volume control for sub-speakers

⑪ Power output of Adp-2 for driving sub-speaker

⑦ Processor line out

⑧ Polarity selector for sub-speakers

⑩ SuperStereo effect selector

⑫ Main cable

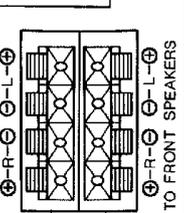
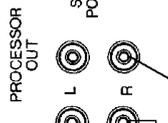
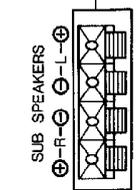
(unit has double insulation for CE conformity)

Rear panel

**Dynector Systems, Ltd**  
 MODEL SS-Adp2  
 MADE IN JAPAN  
 SERIAL NO.  
 SUPER STEREO PATENT  
 USA 467922, 4955067  
 UK 2177576, 2202111  
 GERMANY 3618031, 3806915  
 JAPAN 1839501 (OTHERS)



AC: 220 - 240 Volts  
 50 - 60Hz 70VA  
 Speaker impedance  
 4 - 8 ohms



④ To existing speakers (front)

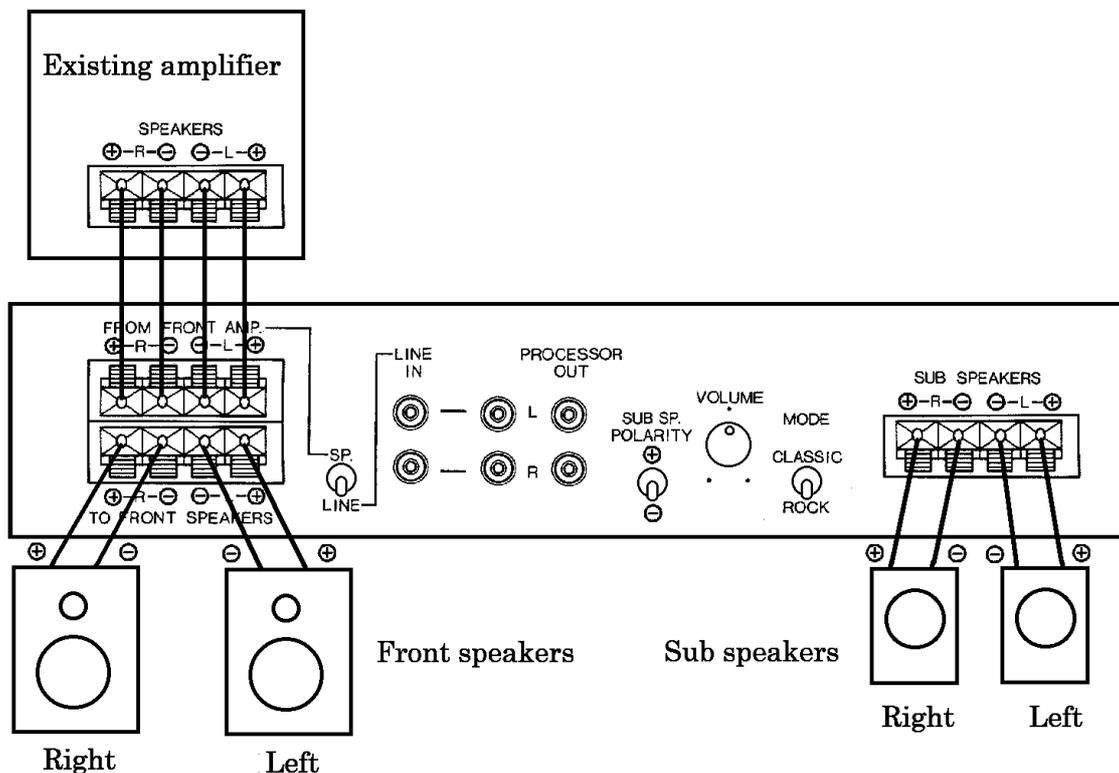
# Installation Methods

## METHOD 1: CONNECTION OF THE ADP-2 TO A NORMAL STEREO SYSTEM CONSISTING OF A PAIR OF LOUDSPEAKERS IN FRONT AND AN INTEGRATED PRE-MAIN AMPLIFIER

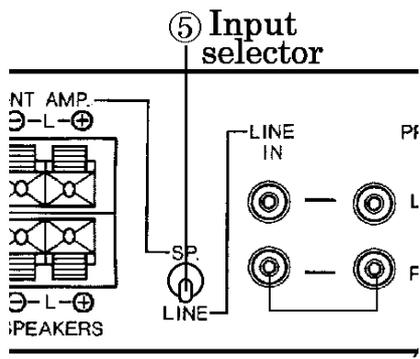
A small pair of extra speakers of good sensitivity and some speaker wire will be required. Ensure that your amplifier is switched off and unplugged from the wall socket. Then:

- 1) Disconnect the speaker wires from the speaker output terminals of your existing amplifier.
- 2) Connect these wires to the terminals of the Adp 2 marked "TO FRONT SPEAKERS".
- 3) Using an additional pair of speakers wires of suitable length, connect one end to the Adp-2 terminals marked "FROM FRONT AMP" (FRONT AMP means your existing amplifier).
- 4) Connect the other end of the additional speaker wires to the speaker terminals of your existing amplifier.
- 5) Using speaker wire, connect the speaker terminals of the additional pair of speakers to the terminals of the Adp-2 marked "SUB SPEAKERS"

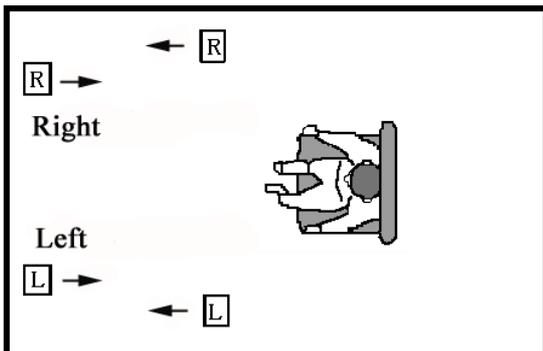
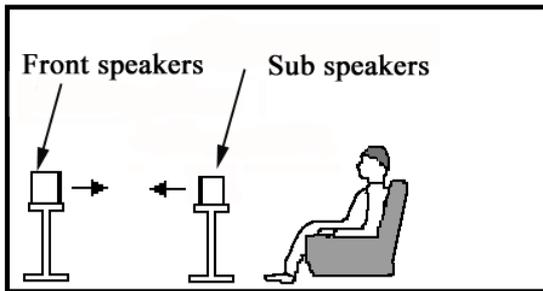
NB In making these connections, be sure to observe the correct polarities ie the speaker wire connected to the + or red terminal of the amplifier goes to the + or red side of the Adp-2 and speakers, and the - or negative side to the negative terminals.



When the above steps have been carried out, the installation procedures are complete. It now only remains to adjust the controls of the Adp-2 and amplifier. To do this:

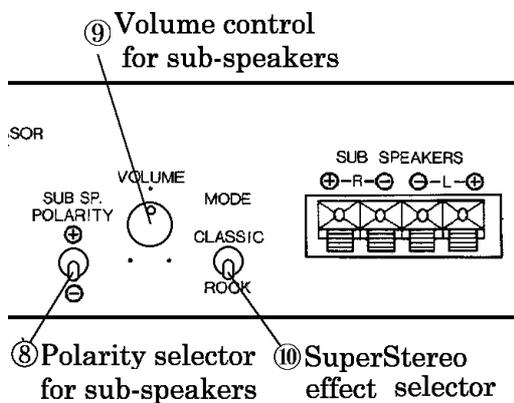


- a) Put the SP/ LINE switch on the rear panel of the Adp-2 ((5) in the accompanying illustrations) to the SP position.
- b) Select either the Popular/Rock or Classic position using switch shown as (10).
- c) Adjust the position of the sub speakers. These need to face towards the front speakers and for typical domestic listening should be between 1.5 and 2.5 metres distant from the front speakers. The sub speakers are best situated at a height between 1.5 to 2.0 metres and they can be put on stands, wall shelves or even suspended from the ceiling. A little experimentation will soon determine the optimum position from the point of view of sound and convenience.



A great advantage of the SuperStereo system is that neither the room size nor the speakers positioning are particularly important for your listening enjoyment.

The best listening position is usually a little behind the line joining the two sub speakers. Any position behind the line is likely to be fine thus allowing a number of listeners to enjoy the benefits of the SuperStereo system.



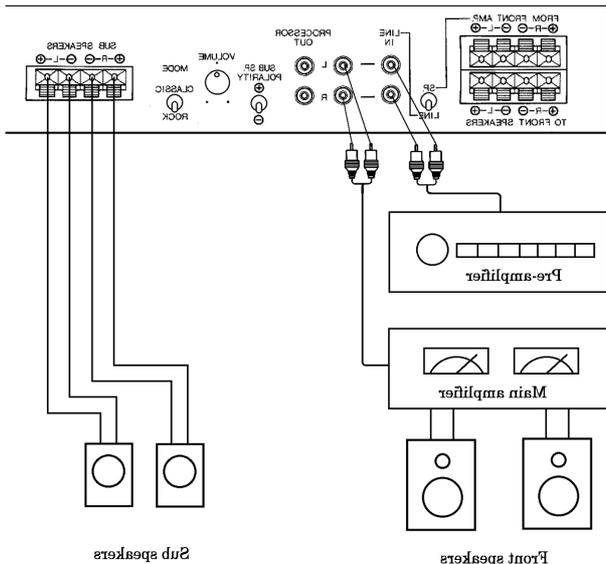
Once the rear speakers have been positioned, plug in the amplifier and Adp-2 to the mains and switch on, first ensuring that the volume controls of the amplifier and the Adp-2 are set to a minimum.

You are now ready to play music. Adjust the volume controls so as to give the best results.

After listening for a little while, set the "SUB SPEAKER POLARITY" switch on the Adp-2 to either + or -, selecting the position which gives the most natural and deep bass.

The volume control of the Adp-2 and the Popular/Rock/Classic switches can be adjusted to suit the nature of each recording.

## METHOD 2: USING A SEPARATE PRE-AMPLIFIER AND MAIN AMPLIFIER



1) Using the usual audio connection cables with phono plugs, connect the pre-amplifier output to the left hand LINE IN sockets of the Adp-2.

2) Using similar cables, connect the two remaining LINE IN terminals of the Adp-2 to the input sockets of the power amplifier.

3) Put switch (5) to the LINE IN position.

4) Using speaker wire, connect the rear or sub speakers to the SUB SPEAKER terminals of the Adp-2.

5) Check, in making these connections, that the correct polarities have been observed (ie the speaker wire connected to the red or + terminal of the amplifier goes to the red + of each of the terminals on the Adp-2 and speakers and the negative or - wire to the negative terminals).

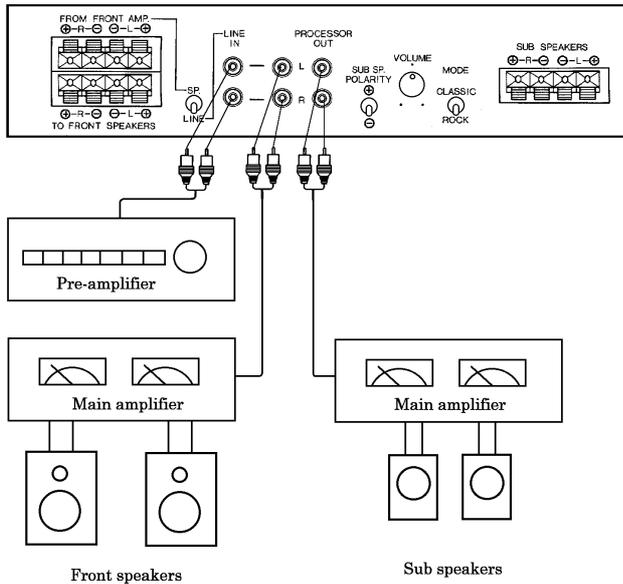
6) Position the rear speakers as described above (under METHOD 1) and ensure that the volume controls of the preamplifier and the Adp-2 are at minimum before plugging in the amplifiers and Adp-2 to the mains and switching on.

7) After listening, try different positions of the "SUB SPEAKERS POLARITY" switch.

NB The Adp-2 has a red warning light on the front panel. This will blink when the SuperStereo digital processor in the Adp-2 begins to overload and means that the output is distorting. Please turn down the system's main volume when this happens. To work well with the 15 watt maximum output of the Adp-2, the rear speakers should be of adequate sensitivity. They need not, however, be large: small and miniature speakers of good sensitivity work fine.

## METHOD 3: WHERE A BIGGER SYSTEM NEEDS MORE POWER FOR SUB SPEAKERS

Where a more powerful amplifier is needed to drive the sub speakers;



- 1) Follow steps 1) and 2) in Method 2.
- 2) Connect the “PROCESSOR OUT” terminals of the Adp-2 to the input terminals of the second power amplifier, as shown in the illustration.
- 3) Connect the sub speakers to the speaker output terminals of the second amplifier.

The volume control of the Adp-2 will control the volume of the second amplifier. Be sure that it is at a minimum (fully anti-clockwise as the rear panel faces you) before switching on.

### ● TAKING CARE OF YOUR ADP-2 PROCESSOR

Ensure that the unit is situated so that it has adequate ventilation and that it is not exposed to excessively dusty, damp or humid conditions. Do not expose it to strong, direct sunlight or place near heaters. Do not remove the unit's cover. There are no user serviceable parts inside and so doing could invalidate the guarantee.

## Specifications

Model	Adp2 Analogue/digital SuperStereo processor with power amplifier
Input impedance	300 ohms (integrated amplifier) 50 Kohms (pre-amplifier)
Input voltage	overload warning indicator level LINE IN 1.0 volts SPEAKER 10.0 volts (= 4 ohms 25 watts)
Output voltage	PROCESSOR OUT 4 .0 volts (load impedance >10K ohms)
Amplifier output	17W+17W 4 ohms load 16W+16W 6 ohms load 15W+15W 8 ohms load
Speaker impedance	4- 8 ohms
Delay time	<Digital> Rock----25msec, Classic----50msec <Analogue>134msec/50Hz,110msec/100Hz,74msec/200Hz, 36msec/500Hz,18msec/1,000Hz
Reverberation	analogue/digital feedback gain
Low pass filter	<mid-low dispersion>fc=600Hz/-12dB/oct <high dispersion>none-flat
Power supply voltage	AC220 – 240 volts 50/60Hz 70VA
Dimensions	430Wx63Hx230Dmm
Weight	3.5kg(approx.)
Safety compliance	Complies with EN 60065 : 1998
Country of origin	Made in Japan
Guarantee	12 months (parts and labour) return to supplier

## Dynavector Systems, Ltd.

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## **DYNAVECTOR SUPERSTEREO PROCESSOR ADP-2 TERMS OF GUARANTEE**

This processor has been carefully tested during production and before final dispatch. In the unlikely event of a fault occurring, the supplier undertakes for the original purchaser to repair it without charge for parts or labour or, at his discretion, replace the processor during the period 12 months from the date of purchase, subject to the conditions and exclusions given below.

To benefit from the terms of this guarantee, the processor must have been used in accordance with the manufacturer's instructions and the purchaser is required to return it at his expense and in secure packaging to the supplier,

Dynavector shall not be liable to repair or replace the processor under the terms of the guarantee where:

- a) the fault is judged to have been due to accidental use, misuse, power surges, damage in transit or where it has been used contrary to the manufacturer's introductions.
- b) repairs have been attempted by a person other than Dynavector's own service staff, or other authorised personnel;
- c) where the processor has been used for hire purposes or non-domestic use;
- d) the processor has been used on a voltage supply other than that stipulated .

This guarantee does not confer any rights other than those expressly set out above and does not cover any claims for consequential loss or damage. This guarantee is offered as an additional benefit and does not affect your statutory rights as a consumer.

**Warranty Card**

Type SS-ADP-2

Serial No. \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Purchase date \_\_\_\_\_

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