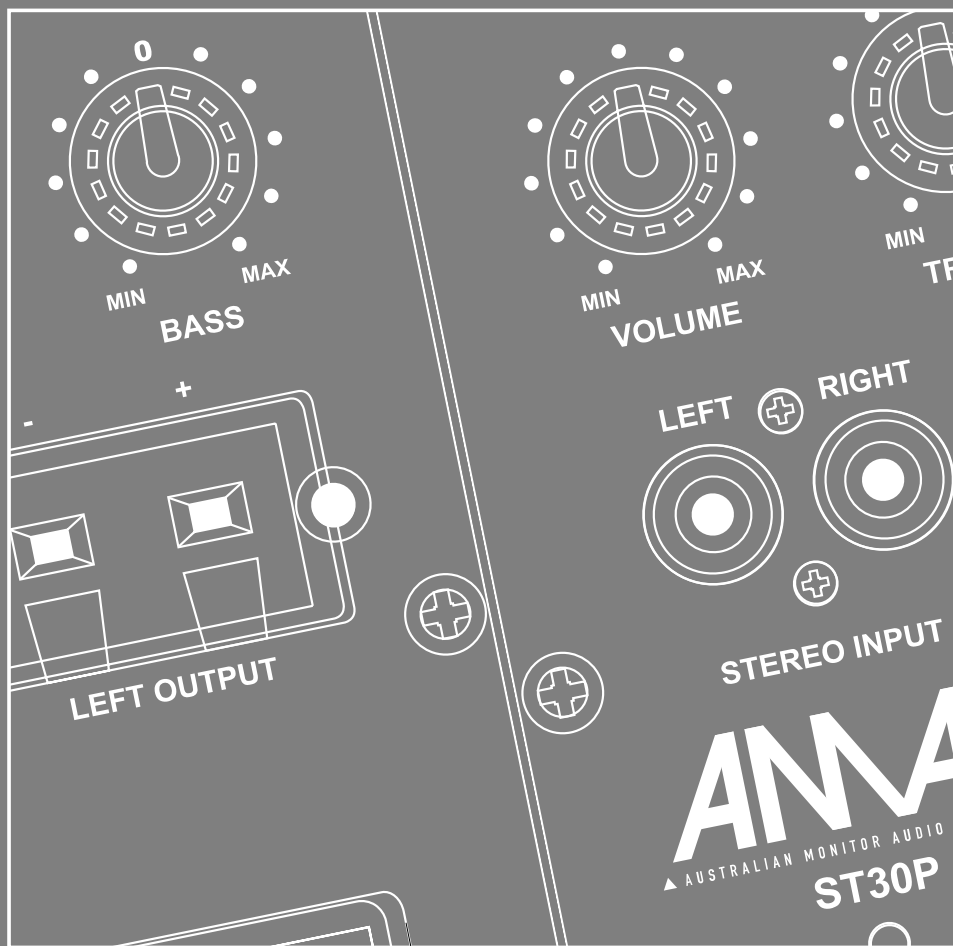




ST30P/ST50P

ACTIVE TWO WAY STEREO SPEAKER SYSTEMS
INSTALLATION AND OPERATION MANUAL





IMPORTANT SAFETY INFORMATION



1. Save the carton and packing material even if the equipment has arrived in good condition. Should you ever need to ship the unit, use only the original factory packing.
2. Read all documentation before operating your equipment. Retain all documentation for future reference.
3. Follow all instructions printed on unit chassis for proper operation.
4. Do not spill water or other liquids into or on the unit, or operate the unit while standing in liquid.
5. Make sure power outlets conform to the power requirements listed on the back of the unit.
6. Do not use the unit if the electrical power cord is frayed or broken. The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
7. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.
8. Mains voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
9. Have gain controls on amplifiers turned down during power-up to prevent speaker damage if there are high signal levels at the inputs.
10. Power down & disconnect units from mains voltage before making connections.
11. Never hold a power switch in the "ON" position if it won't stay there itself!
12. Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
13. Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an environment which may impede the normal flow of air around the unit, such as a bed, rug, weathersheet, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically "blown free" of foreign matter.
14. Do not remove the cover. Removing the cover will expose you to potentially dangerous voltages. There are no user serviceable parts inside.
15. Do not drive the inputs with a signal level greater than that required to drive equipment to full output.
16. Do not connect the inputs / outputs of amplifiers or consoles to any other voltage source, such as a battery, mains source, or power supply, regardless of whether the amplifier or console is turned on or off.
17. Do not run the output of any amplifier channel back into another channel's input. Do not parallel- or series-connect an amplifier output with any other amplifier output. Australian Monitor Inc is not responsible for damage to loudspeakers for any reason.
18. Do not ground any red ("hot") terminal. Never connect a "hot" (red) output to ground or to another "hot" (red) output!
19. Non-use periods. The power cord of equipment should be unplugged from the outlet when left unused for a long period of time.
20. Service Information Equipment should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the equipment
 - C. The equipment has been exposed to rain
 - D. The equipment does not appear to operate normally, or exhibits a marked change in performance
 - E. The equipment has been dropped, or the enclosure damaged.

INTRODUCTION AND CONTENTS

The AMAV ST30P & ST50P are active two way stereo speaker systems.

The ST30P & ST50P each consist of one powered and one passive speaker. Both are of a compact and architecturally pleasing design and feature an onboard stereo amplifier, treble, bass and volume control, power switch, stereo RCA line input, speaker output and installation brackets.

The ST30P features a 5.25" bass driver and dome tweeter and delivers 30 watts RMS while the ST50P features a 6.5" bass driver and dome tweeter and delivers 50 watts RMS.

The new AMAV AV powered speakers deliver high quality sound reinforcement for a variety of Audio Visual applications. Compact and well designed, they are easy to operate and will become a standard in many AV installations.

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AUS, EUR, USA
REV A: Mar 2007

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONAL.		



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



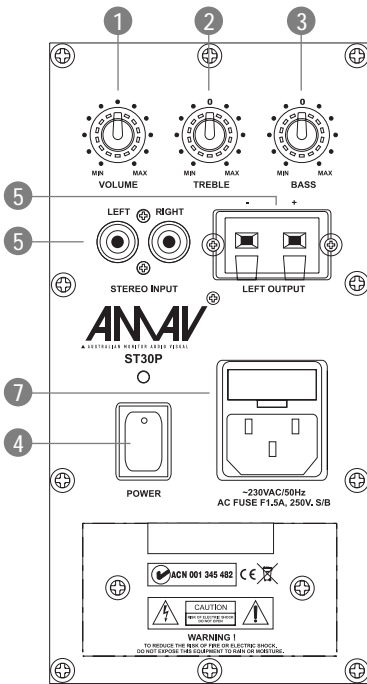
This symbol is intended to alert the user to the presence of important operational and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution: To prevent electric shock do not use this (polarised) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. To prevent electric shock, match wide blade of plug to wide slot, fully insert.

WARNING!

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK
DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

REAR PANEL



1 VOLUME CONTROL

This control will set the output volume for both left and right channels of the ST30P/ST50P

2 TREBLE CONTROL

This is a shelf EQ that will cut or boost the treble frequencies by up to $\pm 12\text{dB}$

3 BASS CONTROL

This is a shelf EQ that will cut or boost the bass frequencies by up to $\pm 15\text{dB}$

4 POWER SWITCH

This switches mains power "on" to the active speaker

5 INPUT


The ST30P/ST50P speakers accept an unbalanced line level stereo RCA feed.

6 OUTPUT TERMINALS

This output is the amplifiers left channel output and should be connected to the passive speaker in the ST30P/ST50P pair

7 FUSE HOLDER

Both the ST30P/ST50P have a 0.35A amp mains power fuse

 NOTE: The right channel is the powered ST30P/ST50P; the left channel is the passive ST30P/ST50P

SPECIFICATIONS

		ST30P PASSIVE SPEAKER	ST30P ACTIVE SPEAKER
WOOFER	Diameter	5.25"	5.25"
	Impedance	8 ohm	8 ohm
TWEETER	Diameter	0.5" dome	0.5" dome
	Impedance	8 ohm	8 ohm
SYSTEM SPECIFICATIONS	Power	30 Watts	30 Watts
	Impedance	8 ohm	8 ohm
	Sensitivity	89dB	89dB
	Frequency response	60Hz to 20k Hz	60Hz to 20k Hz
POWER AMPLIFIER	Power output	/	30 Watts
	Equalization	/	50Hz shelf ± 15 dB 10kHz shelf ± 12 dB
	Frequency response	/	20Hz to 20k Hz
	AC Power input	/	230VAC
DIMENSION (H X W X D)		245mm x 183mm x 166mm	245mm x 83mm x 166mm
NET WEIGHT (one each active + passive)		/	6Kgs per pair
CARTON		/	500mm x 481mm x 327mm

SPECIFICATIONS

		ST50P PASSIVE SPEAKER	ST50P ACTIVE SPEAKER
WOOFER	Diameter	6.5"	6.5
	Impedance	8 ohm	8 ohm
TWEETER	Diameter	0.8" dome	0.8" dome
	Impedance	8 ohm	8 ohm
SYSTEM SPECIFICATIONS	Power	50 Watts	50 Watts
	Impedance	8 ohm	8 ohm
	Sensitivity	89dB	89dB
	Frequency response	45Hz to 20k Hz	45Hz to 20k Hz
POWER AMPLIFIER	Power output	/	50 watts
	Equalization	/	50Hz shelf ± 15 dB 10kHz shelf ± 12 dB
	Frequency response	/	20Hz to 20k Hz
	AC Power input	/	230VAC
DIMENSION (H X W X D)		300mm x 215mm x 190mm	300mm x 215mm x 190mm
NET WEIGHT (one each active + passive)		/	8.9Kgs per pair
CARTON		/	561mm x 557mm x 382mm

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