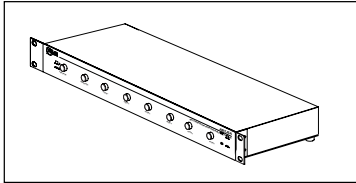




IMPEDANCE-MATCHING LOUDSPEAKER SWITCHING SYSTEMS

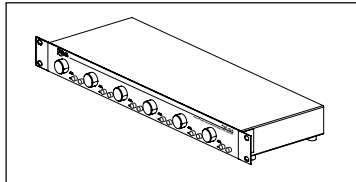
AST-6A
ASL-6A

AST SERIES



AST-6A
(Shown With Rack-Mounting Brackets)

ASL SERIES



ASL-6A
(Shown With Rack-Mounting Brackets Attached)

FEATURES

- Automatic impedance-matching and on/off push-button control
- Dual-amplified source switching capability
- Control of four or six speaker pairs in multi-room or surround sound applications
- Choice of models with individual loudspeaker controls for volume and source selection or system-wide source selection only
- Compact, low-depth size is perfect for shelf or rack mounting

APPLICATIONS

These dual-amplified source, impedance-matching loudspeaker switching systems (AST-6A, ASL-6A) provide control of six loudspeaker pairs positioned in multiple room configurations. Units are designed to be used with one or two stereo amplifiers. This enables the user to access different program material (system A or B) or customize a configuration.

GENERAL DESCRIPTION

The ASL and AST Series loudspeaker switching systems include an impedance protection circuit that operates in pairs, allowing each set of loudspeakers to operate directly and simultaneously from the amplifier for maximum efficiency. The left and right channels are completely isolated for protected operation. Models are 17" W x 1 1/2" H x 5 7/8" D (432 x 41 x 149mm) and can be shelf or 19" rack-mounted, with supplied brackets. All switcher models feature Euro-style screw terminals that will facilitate 12 to 24 ga. wire, push-button on/off controls for each connection, and attractive mar-resistant black finish. ASL Series are equipped with front-mounted volume controls and push-button A-B selector switches for each loudspeaker pair connection (six). AST Series provides for overall A-B system selection, but does not include volume controls.

AST-6A. Model AST-6A provides for switching control of six loudspeaker pairs, and will accommodate any combination of 8 and/or 16 ohm loudspeakers. Model AST-6A also features a switch for safe connection of 4 ohm loudspeakers. AST devices include separate on/off controls for each loudspeaker pair and one A-B source selector switch for overall system control. Loudspeaker volume can be adjusted using individual room volume controls such as the Atlas Sound DAT-8 or SAT-8 Series (not included). AST Series has a power handling capacity of 40 watts RMS*/120 watts audio.

ASL-6A. Model ASL-6A is designed to provide switching and volume control of six loudspeaker pair, and will accommodate any combination of loudspeakers with 4, 8, and/or 16 ohm impedance. ASL Series features an independent on/off switch, volume control, and A-B source selector switch for each loudspeaker pair. Volume controls are equipped with heat-reducing transformers; recognized for dependable operation in a closed environment. Attenuation is accomplished in eight steps. (Note: attenuators are employed and pre-set to guard against system overload so that when positioned at maximum volume; the full power of the source amplifier is divided equally among each of the loudspeaker pairs.) Models have a power handling capacity of 70 watts RMS.

MODEL	SPEAKER CAPACITY	POWER HANDLING	VOLUME	WIRE	WEIGHT
		*CONT.	CONTROLS	CAPACITY	LBS / KGS.
AST-6A	6 Pair	40 Watts RMS	N/A	12 to 24 ga.	6.5 lbs./ 2.9kgs.
ASL-6A	6 Pair	70 Watts RMS	6	12 to 24 ga.	10.5 lbs./ 4.7kgs.

* Per channel, 8 ohm load, single room (measured @ 50Hz continuous)

Specifications subject to change without notice



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ARCHITECT AND ENGINEER SPECIFICATIONS

The impedance-matching loudspeaker switching system shall be Atlas Sound Model _____ (ASL-6A, or AST-6A). System shall provide on/off control of ____ (six) loudspeaker pairs and shall accommodate one or two stereo amplifiers, or four channels of a surround-sound system. Units shall be 17"W x 1 1/8"H x 5 7/8"D (432 x 41 x 149mm), and facilitate shelf or rack mounting. Units shall include spring-loaded terminals capable of accepting 12-24 ga. wire for loudspeaker connection and a ____ foot power cord.

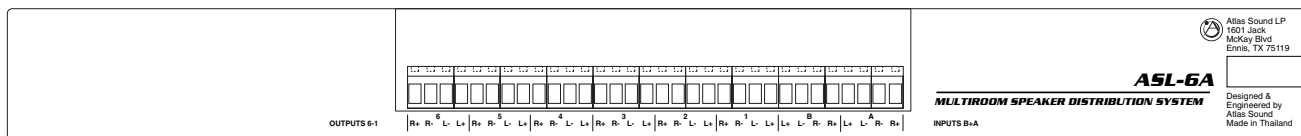
ASL Series shall have a continuous power handling capacity of 70 watts RMS. Models shall be equipped with separate on/off switches, 9-position attenuators, and A-B selector switches for each loud-

speaker connection. ASL Series shall facilitate ____ (six) pair of 4, 8, and/or 16 ohm loudspeakers in any combination.

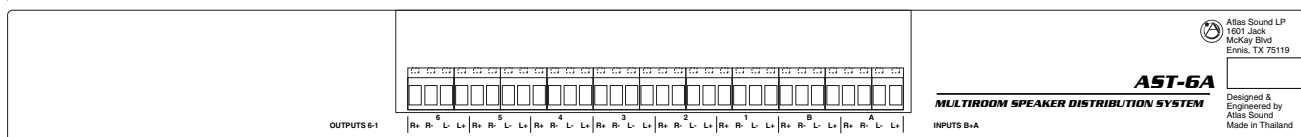
AST Series shall have a continuous power handling capacity of 40 watts RMS. Models shall be equipped with separate on/off switches for each loudspeaker pair and a single A-B switch for overall system selection. Model AST-6 shall provide for the connection of 4, 8, and/or 16 ohm loudspeakers in any combination.

* Per channel, 8 ohm load, single room (measured @ 50Hz continuous)

ASL-6A BACK PANEL DIAGRAM



AST-6A BACK PANEL DIAGRAM



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