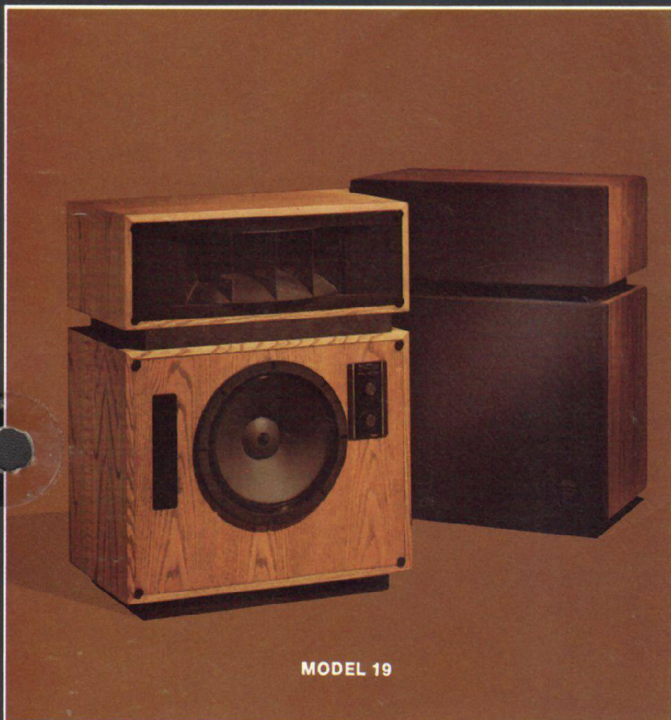
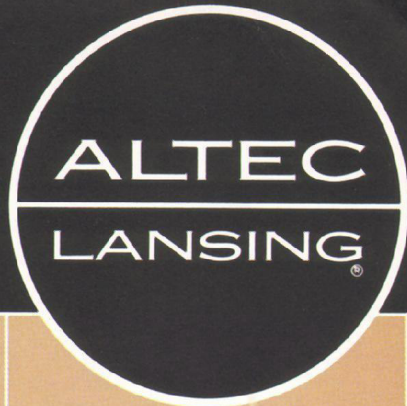


# ALTEC LANSING

choice of the professionals



MODEL 19



MODEL 9  
SERIES II



MODEL 5  
SERIES II



MODEL 18



MODEL 7  
SERIES II



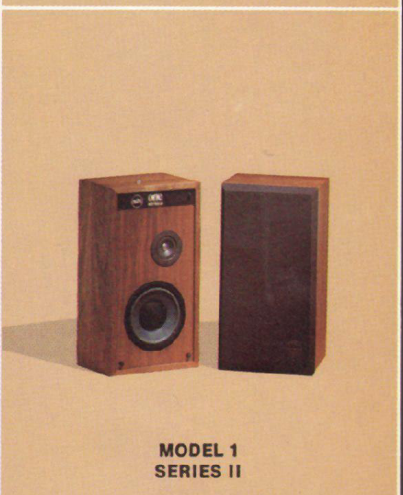
MODEL 3  
SERIES II



MODEL 15

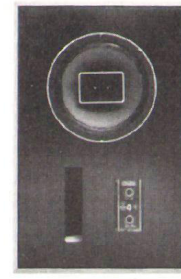


SANTANA II



MODEL 1  
SERIES II

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	MODEL 1 SERIES II	MODEL 3 SERIES II	MODEL 5 SERIES II	MODEL 7 SERIES II	MODEL 9 SERIES II	SANTANA II	MODEL 15	MODEL 18	MODEL 19
<b>SPEAKER COMPONENTS</b>									
<b>LOW FREQUENCY</b>	8" bass driver	10" bass driver	12" bass driver	12" bass driver	12" bass driver	12" bass driver	12" bass driver	15" bass driver with coaxially-mounted constant-directivity-control horn and compression driver (Model 604-8H)	15" bass driver (416-8B)
<b>MID FREQUENCY</b>				6½" frame cone driver	6½" frame cone driver				
<b>HIGH FREQUENCY</b>	4" frame cone driver	4" frame cone driver	2 each 4" frame cone drivers	4" frame cone driver	5" frame cone driver	5" frame cone driver	Radial phase plug compression driver mounted to curved radial horn		Radial phase plug driver mounted to 811B sectoral horn
<b>NOMINAL IMPEDANCE</b>	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
<b>CROSSOVER FREQUENCY</b>	3500 Hz	1500 Hz	1500 Hz	850 Hz, 8 kHz	800 Hz, 7 kHz	2500 Hz	1700 Hz	1500 Hz	1200 Hz
<b>ENCLOSURE TYPE</b>	Sealed	Vented	Vented	Vented	Vented	Vented	Vented	Vented	Vented
<b>SENSITIVITY<sup>1</sup></b>	89 dB SPL	90.5 dB SPL	91.5 dB SPL	90 dB SPL	93 dB SPL	89 dB SPL <sup>6</sup> 91 dB SPL <sup>7</sup>	90 dB SPL <sup>6</sup> 94 dB SPL <sup>7</sup>	100 dB SPL <sup>6</sup> 103 dB SPL <sup>7</sup>	99 dB SPL <sup>6</sup> 102 dB SPL <sup>7</sup>
<b>FREQUENCY RESPONSE</b>	50 Hz to 20 kHz	50 Hz to 20 kHz	45 Hz to 20 kHz	45 Hz to 20 kHz	40 Hz to 20 kHz	40 Hz to 20 kHz	30 Hz to 20 kHz	30 Hz to 20 kHz	30 Hz to 20 kHz
<b>DISPERSION<sup>2</sup></b>	120° at -6 dB vertical 125° at -6 dB horizontal	120° at -6 dB vertical 140° at -6 dB horizontal	90° at -6 dB vertical 120° at -6 dB horizontal	120° at -6 dB vertical 130° at -6 dB horizontal	110° at -6 dB vertical 115° at -6 dB horizontal	130° at -6 dB vertical 130° at -6 dB horizontal	120° at -6 dB vertical 120° at -6 dB horizontal	50° at -6 dB vertical 70° at -6 dB horizontal	105° at -6 dB vertical 105° at -6 dB horizontal
<b>LONG TERM BROAD BAND MAX POWER<sup>3</sup></b>	30 watts	35 watts	45 watts	50 watts	60 watts	45 watts <sup>6</sup>	60 watts <sup>6</sup>	65 watts <sup>6</sup>	65 watts <sup>6</sup>
<b>AMPLIFIER OPERATING RANGE<sup>4</sup></b>	10 watts to 75 watts	10 watts to 100 watts	12 watts to 150 watts	15 watts to 200 watts	12 watts to 250 watts	12 watts to 150 watts	12 watts to 250 watts	10 watts to 350 watts	10 watts to 350 watts
<b>LONG TERM MAX ACOUSTIC OUTPUT<sup>5</sup></b>	104 dB SPL at 30 watts	106 dB SPL at 35 watts	108 dB SPL at 45 watts	107 dB SPL at 50 watts	110.5 dB SPL at 60 watts	107.5 dB SPL <sup>7</sup> at 45 watts	108 dB SPL <sup>7</sup> at 60 watts	118 dB SPL at <sup>6</sup> 65 watts	117 dB SPL <sup>6</sup> at 65 watts
<b>FINISH</b>	Hand-rubbed oiled walnut	Hand-rubbed oiled oak	Hand-rubbed oiled walnut	Hand-rubbed oiled walnut	Hand-rubbed oiled oak	Hand-rubbed oiled walnut with composition slate top	Hand rubbed oiled walnut or oak	Hand-rubbed oiled oak	Hand-rubbed oiled walnut or oak
<b>GRILLE</b>	Acoustically transparent black knit fabric mounted on removable frame	Acoustically transparent black knit fabric mounted on removable frame	Acoustically transparent black knit fabric mounted on removable frame	Acoustically transparent foam mounted on removable panel. Choice of black or brown.	Acoustically transparent foam mounted on removable panel. Choice of black or brown.	Acoustically transparent black knit fabric mounted on removable frame.	Acoustically transparent foam mounted on removable panel. Black supplied with walnut cabinet, brown with oak cabinet.	Visually and acoustically transparent black knit fabric mounted on removable frame.	Acoustically transparent knit fabric mounted on removable frame. Black supplied with walnut cabinet, brown with oak cabinet.
<b>DIMENSIONS</b>	22½" H x 12" W x 11" D 57cm H x 30.5cm W x 28cm D	24" H x 12½" W x 11½" D 60.9cm H x 31.8cm W x 29.2cm D	25½" H x 14½" W x 12" D 64.8cm H x 36.8cm W x 30.5cm D	25" H x 16" W x 14½" D 63.5cm H x 40.6cm W x 35.9cm D	26½" H x 17½" W x 15" D 67.3cm H x 44.5cm W x 38.1cm D	25½" H x 19" W x 15" D 64.8cm H x 48.3cm W x 40.6cm D	27" H x 22" W x 15½" D with base and grille 68.6cm H x 55.9cm W x 39.4cm D	40" H x 26" W x 18" D 102cm H x 66cm W x 46cm D	39" H x 30" W x 21" D 99.1cm H x 76.2cm W x 53.3cm D
<b>SHIPPING WEIGHT</b>	60 lbs—27.2 kg (two units per carton)	32½ lbs—14.7 kg	38¼ lbs—17.4 kg	49¼ lbs—22.3 kg	64 lbs—29 kg	67 lbs—30.4 kg	84 lbs—38.1 kg	168 lbs—77.1 kg	166 lbs—72.3 kg
<b>ACTUAL WEIGHT</b>	26 lbs—11.8 kg	26¼ lbs—12 kg	32 lbs—14.5 kg	43¼ lbs—20 kg	56 lbs—25.4 kg	57 lbs—25.9 kg	76 lbs—34.5 kg	138 lbs—62.6 kg	143 lbs—64.9 kg

1. **SENSITIVITY:** Measured at 4 ft. 1 watt input referenced to 8 ohms, using pink noise which has been limited to a bandwidth of 500 Hz to 3 kHz.  
 2. **DISPERSION:** Measured with pink noise limited to a bandwidth of 800 Hz—8 kHz at a distance of 4 feet.  
 3. **LONG TERM BROAD BAND MAXIMUM POWER:** Measured with a source of pink noise limited to the frequency response bandwidth of the system over an extended time period.

4. Amplifier operating range is for amplifier selection guidance only. Do not mistake it for the speaker's power capacity. Refer to full-line catalog for further clarification.  
 5. **LONG TERM MAXIMUM ACOUSTIC OUTPUT:** Measured with a source of pink noise limited to the frequency response bandwidth of the system at a distance of 4 feet.  
 6. Measured with shelving controls set at optimum. 7. Measured with shelving controls fully clockwise.