

RCA VICTOR

MODELS AVR-11, AVR-11A, and AVR-11B

•
**Sixteen-Tube, Four-Band, "Airport"
Superheterodyne Receivers**

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**Technical Information
and Service Data**

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SERVICE DIVISION

RCA

Manufacturing Company • Inc.

Camden, New Jersey, U. S. A.

A Service of the Radio Corporation of America

REPRESENTATIVES IN PRINCIPAL CITIES

RCA Victor Models AVR-11, AVR-11A, and AVR-11B

Sixteen-Tube, Four-Band, A-C, "Airport" Superheterodyne Receivers

TECHNICAL INFORMATION

Electrical Specifications

FREQUENCY RANGES		ALIGNMENT FREQUENCIES	
"Long Wave" (X)	150- 410 kc	"Long Wave" (X)	175 kc (osc.), 350 kc (osc., det., r-f, ant.)
"Standard Broadcast" (A)	530- 1,800 kc	"Standard Broadcast" (A)	600 kc (osc.), 1,500 kc (osc., det., r-f, ant.)
"Medium Wave" (B)	1,800- 6,400 kc	"Medium Wave" (B) ..	6,000 kc (osc., det., r-f, ant.)
"Short Wave" (C)	6,400-23,000 kc	"Short Wave" (C) ..	20,000 kc (osc., det., r-f, ant.)
Intermediate Frequency			460 kc
RADIOTRON COMPLEMENT			
(1) RCA-6K7	First R-F Amplifier	(9) RCA-6C5	First Audio Amplifier
(2) RCA-6K7	Second R-F Amplifier	(10) RCA-6J7	Noise Suppressor
(3) RCA-6L7	First Detector	(11) RCA-6R7	Automatic Volume Control
(4) RCA-6J7	Heterodyne Oscillator	(12) RCA-6C5	Audio Driver Amplifier
(5) RCA-6K7	First I-F Amplifier	(13) RCA-6F6	Power Output
(6) RCA-6K7	Second I-F Amplifier	(14) RCA-6F6	Power Output
(7) RCA-6H6	Second Detector	(15) RCA-5Z3	Full-Wave Rectifier
(8) RCA-6J7	Beat-Frequency Oscillator	(16) RCA-6E5	Tuning Tube
Pilot Lamps (5)			Mazda No. 46, 6.3 volts, 0.25 ampere
Power Supply Rating			105-125 volts, 50-60 cycles, 120 watts
Power Supply Fuse Rating			3 amperes
POWER OUTPUT		LOUDSPEAKER	
Undistorted	5 watts	Type	Electrodynamic
Maximum	8 watts	Impedance (v. c.)	2.2 ohms at 400 cycles
Headphones			600 ohms impedance

Mechanical Specifications

	Model AVR-11 (Cabinet model, convertible to rack mounting, gray)	Model AVR-11A (Rack mounting, without dust covers, gray)	Model AVR-11B (Rack mounting, with receiver dust cover, black)
	Cabinet	Receiver	Loudspeaker
Height	23 ¹ / ₈ inches	10 ¹ / ₂ inches (panel)	10 ¹ / ₂ inches (panel)
Width	21 inches	19 inches (panel)	19 inches (panel)
Depth	16 ¹ / ₈ inches	15 inches (behind panel)	4 ¹ / ₄ inches (behind panel)
Weight (net)	78 pounds	41 pounds	53 pounds
Weight (shipping)	125 pounds	65 pounds	72 pounds
Chassis Base Dimensions	17 inches x 13 ¹ / ₄ inches x 2 ³ / ₄ inches		
Over-all Chassis Height	9 ⁵ / ₈ inches		
Operating Controls	(1) Beat-Frequency Oscillator, (2) Noise Suppression, (3) Volume, (4) Signal Input, (5) Tuning (Frequency), (6) Range Selector, (7) A.V.C.—C.W. Selector, (8) Power Switch, (9) Fidelity (Tone)		
Tuning Drive Ratio	100 to 1		

