

## MOTOROLA INC.

MODELS AR-96-23,  
AIRBOY

C-1	8A25558	Capacitor, fixed: paper; .02 mf 20% 100 vdc	40K60112	Jack, microphone
C-2	20K51668	Capacitor, variable: mica; 300-800 mmf	36A54548	Knob, switch
C-3	21K31492	Capacitor, fixed: ceramic; 200 mmf 5% 100 vdc	36A51604	Knob, tuning, includes setscrew
C-4	19K54849	Capacitor, variable: 2 gang (tuning)	36A51605	Knob, volume
C-5	21K63615	Capacitor, fixed: ceramic; 30 mmf 10% 500 vdc or 21K54680	387247	Lockscrew: 6-32 x 3/16 81 HH WS; Cad. Pl. (gang mtg.)
C-6	20A51567	Capacitor, variable: mica; nominal 100 mmf (acc. padder)	487686	Lockwasher, steel; #6 Ext.; Cad. Pl. (C-2 mtg.)
C-7	21K35392	Capacitor, fixed: ceramic; 50 mmf 10% 500 vdc	487650	Lockwasher, steel; #6 Int; Cad. Pl. (term. strip mtg.)
C-8	8K25549	Capacitor, fixed: paper; 4 section (see schematic diagram)	487655	Lockwasher, steel; 3/8 Int; Cad. Pl. (jack mtg.)
C-9	8A25558	Capacitor, fixed: paper; .02 mf 20% 100 vdc	487657	Lockwasher, steel; #8 Ext.; Cad. Pl. (Front plate mtg.)
C-10	21R6631	Capacitor, fixed: mica; 100 mmf 20% 300 vdc	29R6207	Lug, soldering: L-6; Hot tin (Batt. brkt. assembly)
C-11	8A24966	Capacitor, fixed: paper; .005 mf 20% 100 vdc	287051	Nut, Palnut: 3/8-32 x 9/16; Cad. Pl. (gang mtg.)
C-12	8A24966	Capacitor, fixed: paper; .005 mf 20% 100 vdc	287010	Nut, steel: 5-40 x 1/4 hex; Cad. Pl. (C-2 mtg.)
C-13	21R6631	Capacitor, fixed: mica; 100 mmf 20% 300 vdc	287003	Nut, steel: 6-32 x 3/16 hex; Cad. Pl. (Front plate mtg.)
C-14	8A24966	Capacitor, fixed: paper; .005 mf 20% 100 vdc	29K12687	Plug, Antenna (Ant. lead-in)
C-15	23A14727	Capacitor, fixed: electrolytic; 10 mf 150 vdc	or 29K25752	
J-1	9K54609	Jack, Phone: open circuit; includes washer and nut	58B469	Rivet, steel: 5/32 x .122; Blk. Nkl. (output trans. mtg.)
L-1	24A51584	Coil, antenna	587706	Rivet, steel: 1/8 x .122; Pol. Nkl. (battery brkt.)
L-2	24A51568	Coil, oscillator	587701	Rivet, steel: 3/16 x .122; Pol. Nkl. (latch mtg.)
R-1	6R6004	Resistor, fixed: carbon; 1 megohm 20% 1/2W Ins.	586823	Rivet, steel: 1/8 x .122; Blk. Nkl. (Ant. recept. mtg.)
R-2	6R6004	Resistor, fixed: carbon; 1 megohm 20% 1/2W Ins.	or 586847	
R-3	6R6031	Resistor, fixed: carbon; 100,000 ohms 10% 1/2W Ins.	586811	Rivet, steel: 1/8 x .088; Pol. Nkl. (socket & base mtg.)
R-4	6R6428	Resistor, fixed: carbon; 6,800 ohms 10% 1/2W Ins.	587707	Rivet, steel: 5/32 x .122; Pol. Nkl. (Vol. cont. brkt. mtg. & term strip mtg.)
R-5	6R2118	Resistor, fixed: carbon; 3.3 megohm 20% 1/2W Ins.	587700	Rivet, steel: 1/4 x .122; Pol. Nkl. (batt. contact mtg.)
R-6	6R6290	Resistor, fixed: carbon; 2,200 ohm 20% 1/2W Ins.	382679	Screw, steel: #4 x 1/4 PKA Ph Sv. H; Cad. Pl. (chassis mtg.)
R-7	6R2122	Resistor, fixed: carbon; 4.7 megohm 20% 1/2W Ins.	387454	Screw, steel: #8 x 1/4 PKZ Pi HH; Cad. Pl. (chassis mtg.)
R-8	6R6032	Resistor, fixed: carbon; 470,000 ohm 20% 1/2W Ins.	387506	Screw, steel: #8 x 1/4 PKZ Pi HH; Cad. Pl. (C-6, 8 & L-2 mtg.)
R-9	18A24918	Resistor, variable; carbon; 1 megohm (volume control)	387107	Setcrew: 6-32 x 1/4 81 Hdless (tuning knob)
R-10	6R2109	Resistor, fixed: carbon; 10 megohm 20% 1/2W Ins.	26A24970	Shield, tube; midget
R-11	6R6004	Resistor, fixed: carbon; 1 megohm 20% 1/2W Ins.	9A70455	Socket, tube: miniature; molded
R-12	6R6004	Resistor, fixed: carbon; 1 megohm 20% 1/2W Ins.	9A70489	Socket, tube and cushion spring
R-13	6R6059	Resistor, fixed: carbon; 820 ohms 10% 1/2W N.I.	31A4577	Strip, terminal
R-14	6R2118	Resistor, fixed: carbon; 3.3 megohms 20% 1/2W Ins.	31A15555	Strip, terminal: 2 ins. #3 mtg.
T-1	1X24889	Coil, I.F. and shield	39A24874	Strip, battery contact (pos.)
T-2	1X24886	Coil, Diode and shield	31A24927	Strip, "B" battery terminal
T-3	25A51574	Transformer, Output	40A54549	Switch, battery: DPST
	1X51573	Assembly, Antenna lead-in	487555	Washer, steel: 1/4-.128-.033; Cad. Pl. (Output trans. mtg.)
	1X51583	Assembly, Antenna ferrule and receptacle	487557	Washer, steel: 3/8-11/64-.033; Cad. Pl. (Front plate mtg.)
	1X54552	Assembly, Hank antenna	4A54759	Washer, knob: cork (tuning knob)
	1X72395	Assembly, Tube retainer strip	4A22908	Washer, spring (tuning knob)
	1X51999	Assembly, Wrap Around (housing)	4A16556	Washer, spring (latch mtg.)
	26A24969	Base, tube shield	487578	Washer, brass: 5/16-.130-.025 (latch mtg.)
	1X24876	Bracket, battery assembly		
	7A24861	Bracket, capacitor mtg. (C-4)		
	7A24940	Bracket, sliding latch (back cover)		
	7A24872	Bracket, Volume control mtg. (R-9)		
	36A71738	Button, plug		
	51B90111	Cord CD-207A (Microphone cord)		
	1X54571	Cover, back: includes slide latch and button		
	1X51662	Cover, front: screened, includes jack, switch, output trans. etc.		