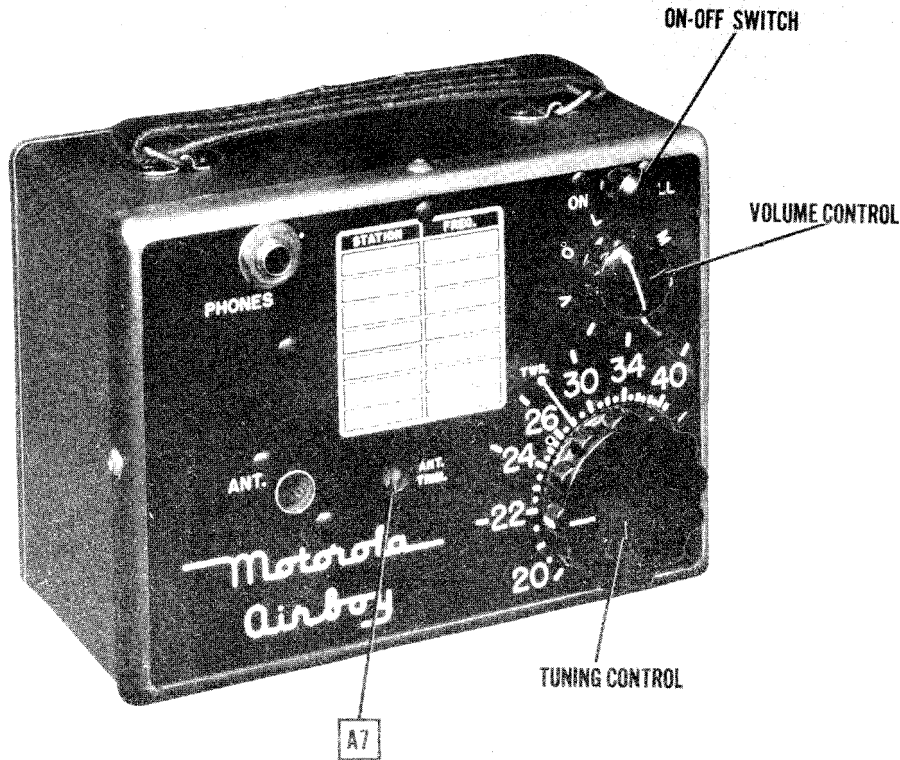


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MOTOROLA
MODEL AR-96-23

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MOTOROLA MODEL AR-96-23

TRADE NAME	Motorola, Model AR-96-23 (Airboy)
MANUFACTURER	Galvin Mfg. Corp., 4545 Augusta Blvd., Chicago, Ill.
TYPE SET	Battery Operated Aircraft Superheterodyne Receiver
TUBES (FOUR)	Types, 1R5 Osc.-Mod., 1T4 IF Amp., 1S5 Det.-AVC-AF, 3S4 Power Output
POWER SUPPLY	1½ Volt battery (2-Flashlight Cells) and 67½ Volt "B" Battery
RATING	250 MA. @ 1½ Volts DC and 8.5MA @ 67½ Volts DC (Eveready Battery No. 467 or equiv.)
TUNING RANGE—BROADCAST	200-410KC

ALIGNMENT INSTRUCTIONS

Set volume control at maximum volume and keep output of signal generator no higher than is necessary to obtain output reading. Use insulated alignment screwdriver for adjusting.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
.1 MFD.	High side to stator rear section variable. Low side to chassis.	465KC	Variable fully open.	Paralleled with 600Ω across phone jack.	A1, A2, A3.	Adjust for maximum output.
200 MMF	High side to ext. ant. terminal. Low side to chassis.	200KC	200KC	"	A4.	" " " "
200 MMF	High side to ext. ant. terminal. Low side to chassis.	220KC	220KC	"	A5.	" " " "
200 MMF	"	400KC	400KC	"	A6	Rock variable and adjust for maximum output.
200 MMF	"	380KC	380KC	"	A7	Adjust for maximum output.
200 MMF	"	400KC	400KC	"	A8	Rock variable and adjust for maximum output.

FOR MAXIMUM ACCURACY REPEAT ABOVE STEPS.

HOWARD W. SAMS & CO., INC. • 2924 East Washington Street • Indianapolis 6, Indiana

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