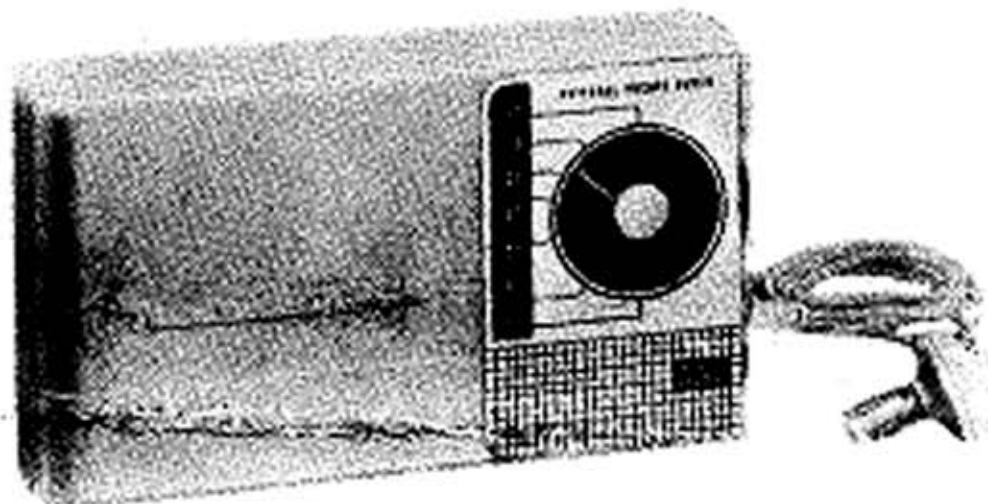


# NATIONAL



## MODEL 3B-267A

### 3-Tube Superhet Pocket Radio



## FEATURES

1. Printed circuit and CR couplate, first to be manufactured on commercial scale in Japan, assure dependable, trouble-free service.
2. Automat Switch automatically switches on or off the power switch with the insertion and pulling away of earphone.
3. Ultra economical, ultra high performance D-Series 25mA miniature tubes.

Manufactured under technological assistance of the Philips of Holland.

Battery life amazingly prolonged.

4. Ferrite bar antenna assures high sensitivity.
5. Functionally designed plastic cabinet. Rim-driven tuning knob stays "tuned" even when put into pocket.

## **INSTRUCTION :**

### **To open rear panel**

1. Hold the set in your left hand and pressing your right thumb on a small projection on the rear panel, gently pry open.
2. To close, interlock projections on the rear panel with corresponding grooves on the main body and gently push the panel against the body.

### **To load batteries**

1. Insert A battery with its positive terminal pointing upward.
2. Connect terminal snaps to B battery and place it horizontally under chassis.

## **CONTROLS :**

As shown, a knob at upper right of the cabinet front is tuning dial. A smaller knob below the tuning knob is volume control.

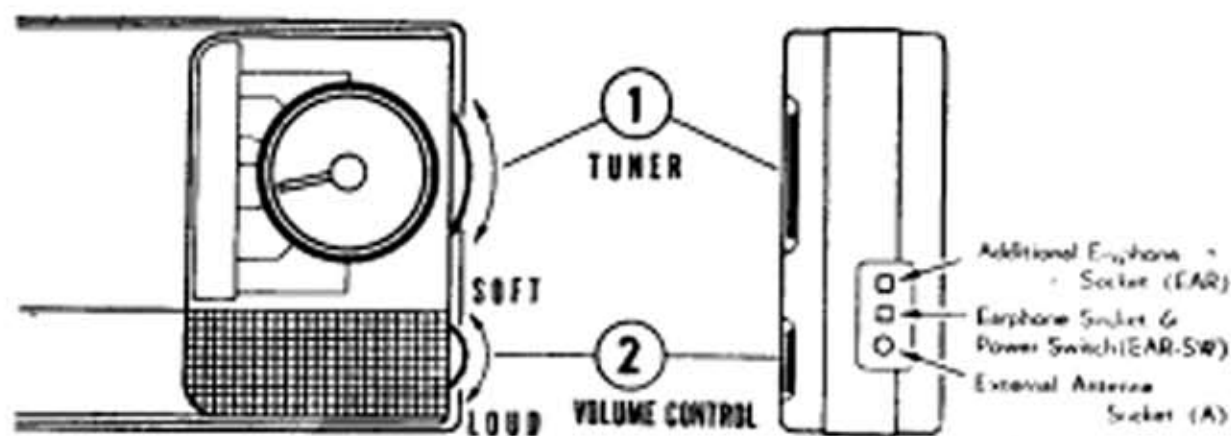
No external on-off switch is provided, as the Automat Switch does the job.

Insert earphone plug into earphone socket marked "EAR-SW" (two sockets are provided). Then power is automatically switched on.

Adjust knobs 1 and 2.

To switch off, simply pull off the earphone plug.

Additional earphone may be connected to another earphone



socket marked "EAR". This additional earphone lets another person enjoy radio program with you, or lets you use two earphones. If they sound unpleasant, reverse the polarity of one of the earphone connections by pulling off, turning 90 degrees and re-inserting one of them.

Where signal is weak, such as inside a ferro-concrete building, insert 2 to 5 meters of wire to a round hole marked "A" below earphone sockets.

## **CAUTION:**

When not in use, always pull off earphone, so as to switch off the set.

If the set is not to be used for an extended period, remove batteries out of the set.

Before replacing tubes or batteries, pull off earphone and switch off the set.

The ferrite bar antenna is directional. Rotate the set for best reception.

## BATTERIES :

We recommend following batteries :

A battery ... "NATIONAL" Hyper cell, model UM-2

B battery ... "NATIONAL" Hyper flat battery, model BL-030L

Or other equivalent battery such as :

"A" Battery		"B" Battery	
EVEREADY	935	EVEREADY	415
RCA	VS-035	RCA	VS-086
PHILCO	C-cell		
BURGESS	#1	BURGESS	U.30
			etc.

Condition Battery	2 ~ 3 hours daily	Intermittently
	A	About 3 weeks
B	About 1.5 months	Over 5 months

As may be understood from the above table, batteries last 3 ~ 4 times longer when used on D-series 25mA tubes than those consumed on regular 50mA tubes.

Batteries last longer when used intermittently rather than continuously. So, switch off the set every time your favorite program is over so as to "rest" batteries for next operation. When volume falls down, first of all, replace A battery. Generally speaking, two to three A batteries are consumed before one B battery runs down.

To avoid damage to the set due to corroded battery, always take batteries out of the set when the set is not to be used for an extended period or the battery is completely consumed.



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