

The Short Wave Hawk Kit is put up in three types, which are listed below:

- Two Tube Kit complete, less tubes and batteries..... \$29.75
 Three Tube Kit complete, less tubes and batteries..... \$34.85
 Four Tube AC Kit complete, less tubes \$59.65

Tubes required for kits are as follows:

- Two Tube Kit - 1-230, 1-232..... \$5.40
 Three Tube Kit - 1-230, 1-232, 1-233 Pentode \$9.25
 Four Tube Kit - 1-227, 1-224, 1-280, 1-247 Pentode..... \$7.45

On the two and three tube kits, two volt storage battery or 2 volt Air Cell, supplies filament current, and 135 Volts of 'B' battery are required. The AC model comes complete with electro dynamic speaker and is universal and will operate 25 or 60 cycle, 110-120 volts.

All the kits are absolutely complete down to the last nut and screw, and anyone can put them together as we use an unique arrangement of marking terminals which have to be attached together, the same color. For instance, two reds go together, three yellow, etc. No soldering.

Batteries:

- 45 Volt Heavy Duty "B" battery \$3.60
 2 Volt Eveready Air Cell..... \$10.50

REPAIR DEPARTMENT

WE maintain at all times a complete stock of all parts and have a very extensively equipped repair department, in which we employ only engineers who are thoroughly trained for repairing all types of radio receivers and equipment. With the equipment available, we can repair any radio set, battery or electric, very quickly and thoroughly. Any radio set sent in to us for repairs is as good as new when returned.

PARTIAL LIST OF SHORT WAVE BROADCAST STATIONS

METERS CALL	COUNTRY	SCHEDULE (E.S.T.;
14.47 LSY	Buenos Aires, S.A.	Near 4 p.m. Sundays.
15.93 PLE	Bandoeng, Java.	Tuesdays 8:40-10:40 a.m.
19.68	Pontoise, France	7 a.m. to 10 a.m. daily.
19.73 DJB	Zeesen, Germany	Irregularly Mon., Fri., Sat. and Sun. 8 a.m. to 4 p.m. Usually 8 a.m. to 1 p.m.
19.84 HVJ	Vatican City	Broadcasts daily 5-5.15 a.m.
20.60 HBJ	Geneva, Switzerland.	Testing.
20.95 G2NM	Sonning-On-Thames, England	Sundays.
23.38	Rabat, Morocco	Sunday 7.30 to 9 a.m.
24.00 CT3AG	Funchel, Maderia	Sun. 9-11 a.m., 3:30-5:45 p.m.
25.20 FVA	Pontoise, France	10:30 a.m. to 1:30 p.m. daily
25.25 W8XK	Pittsburgh, Pa.	11 a.m. to 9 p.m. after May 1st
25.34 W9XAA	Chicago, Ill.	Relays WCFE, irregularly.
25.40 12RO	Rome, Italy	11 a.m. to 12:30 & 3-5:30 p.m.
25.43 VE9GW	Bowmanville, Can.	Daily 10 a.m. to 7 p.m.
25.46 F3ICD	Chi-Hoa, Indo-China	Sat. 10:30 a.m.-12:30 noon.
25.50 XDA	Mexico City	Daily 3 to 4 p.m.
62.50 W2XV	Long Island, City, N.Y.	Schedule unknown.
70.1 RV15	Khaborovsk, U.S.S.R.	3 a.m.-9 a.m.
50.00 RW59	Moscow, U.S.S.R.	Thurs. and Sun. 4-5 p.m.

25.53 G6SW	Chelmsford, Eng.	Daily except Sunday, 6:30 to 7.30 a.m. and 12.45 noon to 6 p.m.
25.60 VE9JR	Winnipeg, Canada	Week days, 5:30-7:30 p.m.
26.50	Radio Goldberg, Java	Sun., Tues., Thurs., 5-7 a.m.
29.15 DIQ	Nauen, Germany	Irregularly.
30.40 EAQ	Madrid, Spain	:Daily 7:30 p.m. to 9 p.m. Sat. 1 to 3 p.m.
31.00 T14, -NRK	Heredia, Costa Rica.	Irregular.
31.26 PCJ	Eindhoven, Holland	To return this month.
31.28 VK2ME	Sydney, Australia	Sun. 1-3, 5-9, 9:30-11 30 a.m.
31.28 W3XAU	Philadelphia, Pa.	3 p.m.-midnight, except Thurs. and Fri.
31.36 W1XAZ	Springfield, Mass.	6.30 a.m. to 10 p.m. Relays WBZ.
31.38 DJA	Zeesen, Germany	8-9 a.m., 10:30-1:30 p.m. and 2-6:30 p.m.
31.40 VK3ME	Melbourne, Aust.	Wed. 5 till 6:30 a.m., Sat 5-7 a.m.
31.48 W2XAF	Schenectady, N.Y.	Relays WGY daily 5-11 p.m.
31.51 OXY	Skamleback, Den.	2 to 6:30 p.m.
31.86 PLV	Bandoeng, Java	Tuesdays 8:30-10:40 a.m.
32.26	Rabat, Morocco	Sundays 3 to 5 p.m.
33.50 TGX	Guatemala City, Guat.	Sats. 10 p.m.-midnight.
38.60 HBP	Geneva, Switzerland	Testing.
39.40 HKF	Bogota, Colombia	7 p.m. to 11 p.m.
41.00 CM5RY	Matanzas, Cuba	Sats. 10:45 to 11:30 p.m.
41.60 EAR58	Teneriffe, Canary Isl.	Sat. and Sun. 3:30-5 p.m.
42.90 CTJAA	Lisbon, Portugal	Friday, 5 to 7 p.m.
43.50 2RO	Rome, Italy	Heard between 3 and 5 p.m.
45.23 PRADO	Riobamba, Ecuador	Thursday 10 to 11 p.m.
45.25 HKM	Bogota, Colombia	8:30-10:30 p.m. Earlier Sun.
46.40 TGW	Guatemala City, Guate.	9-11 p.m.
46.60 REN	Moscow, U.S.S.R.	Relays Moscow 1-6 p.m.
46.67 VE9BY	London, Canada	Wed. 8:30-9:30 p.m., Friday 7-7-55 a.m., Sat. 8-11 p.m.
46.96 W3XL	Boundbrook, N.J.	No regular schedule.
47.00 HCIDR	Quito, Ecuador	Daily 8 to 10 p.m.
48.86 W8XK	Pittsburgh, Pa.	Daily 5-11 p.m. at present.
48.90 HKA	Barranquilla, Colom.	Daily 8 to 10 p.m.
48.90 F3ICD	Chi-Hoa, Indo-China	6:30 till 10:30 a.m. daily.
48.95 YV11BMO	Maracaibo, Venezuela.	8 to 11 p.m.
49.02 W2XE	New York, N.Y.	Relays WABC 7:30-1 a.m.
49.18 W3XAL	Boundbrook, N.J.	Daily 4 p.m. till midnight.
49.20 JB	Johannesburg, S. Africa.	
49.22 VE9GW	Bowmanville, Can.	To go on the air soon.
49.34 W9XAA	Chicago, Ill.	Relays WCFE Sun. 11 a.m.-9 p.m.; Wed., Sat. 8:30 a.m. to 9 p.m.; Tues. and Thurs. 8:30 a.m.-8 p.m.
49.42 VE9CS	Vancouver, B.C.	Sun. 3:30 p.m. to Midnight; Fri. at 10 to 1:30 a.m.
49.50 W8XAL	Cincinnati, Ohio.	5-9:30 a.m., 12:30-2:30 p.m. and 6 p.m.-12:30 midnight
49.50 W3XAU	Philadelphia, Pa.	Thurs. and Fri. 6:15 a.m. to midnight; other days 6:15 a.m. to 3 p.m.
49.50 CMCI	Havanna, Cuba	9 p.m.-11 p.m.
49.51 ZL2ZX	Wellington, N.Z.	Mon., Wed., Thurs., Sat. 12:30-4 a.m.
49.59 VE9HX	Halifax, N.S.	Mon., Tues. 6-10 p.m. Other days 6-7 p.m.
49.80 XEW	Mexico City, Mexico	8-11 p.m., Sun to 2 a.m.
49.83 W9XF	Chicago, Illinois	2:30-7 p.m., 8:30 p.m.-1 a.m.
49.96 VE9DR	Drummondville, Can.	Relays CFCF, 7-12 midn't.
50.00 HKD	Barranquilla, Col.	Daily 8-10 p.m.
50.26 HVJ	Vatican City	Daily 2-2:15 p.m., Sun. 8-5:30 a.m.
50.60 HKO	Medellin, Colombia	Mon. Wed., Fri. 8 to 10 p.m.
52.50 HCJB	Quito, Ecuador	Tues., Sat. 6 to 8 p.m.
52.70 FIU1	Tananarive, Madagascar.	Daily except Mon. 7:30-10 p.m.
		Sat., Sun. 1-3 p.m. Other days 9:15-11:15 a.m.

-- LISTEN TO --

foreign stations

WITH THE SHORT WAVE HAWK

(sold in kit form)

THE HAWK Short Wave kit is the answer to the problem that has been confronting the radio public for a number of years. The Hawk really is efficient and is capable of tuning in foreign short wave stations so that they are worth listening to.

In addition to the lure of foreign stations, there are many special short wave stations in the United States and Canada operating on regular daily schedule; also airport stations, amateur phone conversations, commercial radiophone, etc.

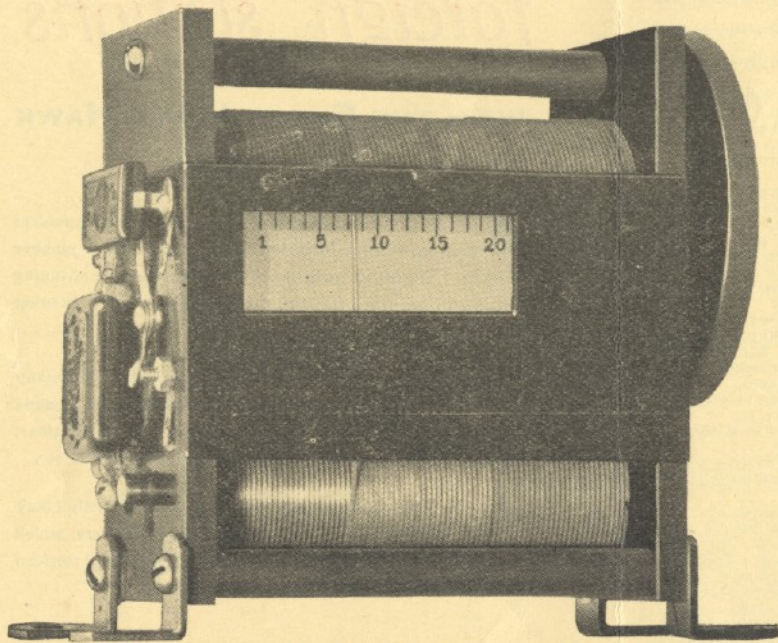
Do not confuse the Short Wave Hawk Kit with many so-called efficient converters and short wave receivers, which never, or very seldom, bring in anything except American stations which are close by and very powerful.

We guarantee that the Short Wave Hawk when correctly assembled will bring in stations consistently from foreign lands, under good operating conditions.

The Circuit used in this kit has been developed by one of the co-designers of the Super-regenerative Aircraft receivers used by the Byrd-Antarctic expedition, which established a world record in two-way communication.

Short Wave Hawk 2 Tube Kit - ready to assemble \$29⁷⁵

The Hawk kit is complete to the last nut and screw and is put up in such a manner that anyone can put it together to receive best results in a short time without previous experience - - NO SOLDERING REQUIRED - MECHANICAL CONNECTIONS USED THROUGHOUT



Here are the 7 Important Features:

- 1 Use novel Tuner as pictured above which tunes from 12 to 90 meters. No plug-in coils or switches. No variable condensers.
- 2 One Tuning control only and volume control.
- 3 Absolutely no repeats or overlaps. Stations appear at one point on dial only.
- 4 Easy to tune. Tuning is not critical and anyone can get the best of results. You cannot miss a station if they are coming in.
- 5 Tuner automatically varies tickler or plate circuit coil to suit all frequencies. Two drums controlled by single dial.
- 6 The sensitivity remains the same at all wave lengths and does not decrease at any point. Most short wave receivers and converters are very insensitive below 30 meters, which prevents reception of many foreign stations.
- 7 Practically no fading because of a special compensating circuit, fading is reduced to a minimum.

You are missing half of the entertainment available without the Short Wave Hawk Kit

Just think of it! Listening to foreign stations so that you can understand every word or particle of music. * South America, South Africa, Australia, Siam, Russia, Java, England, Germany, France, Mexico, and United States and Canadian stations.

There is nothing experimental about this unit and the results obtained are phenomenal.

The hookup used is a specially designed Super-regenerative circuit, giving maximum sensitivity with minimum noise level.

The Short Wave Hawk Kit sells for about one-third the price of receivers that are capable of giving nearly equivalent results. Our choice of the Hawk as the "one kit that was really outstanding was

based on a period of competitive tests with receivers which were brought in from all parts of the world and with our experience, we decided that the Hawk was much superior to anything else which was available.

Read what this owner says about his Hawk:

"MESSRS. HUTCHINS & SILLICK,
970 College St.,
Toronto, Ont.

Gentlemen:—

It might interest you to know that on last Sunday afternoon we listened to a German station for over two hours and a half, during which time the signal did not fade once. Also, a station which announced Pontoise, France, came in with remarkable clarity and also with no fading. You no doubt recall that I purchased this kit on Saturday afternoon, which was the day before I received the results mentioned in this letter, so that you can see I had no trouble whatsoever in putting kit together.

Yours very truly,
N.R.B."

MADE IN CANADA

SOLE DISTRIBUTORS

HUTCHINS and SILLICK

970 College St.

Toronto, Ont.

Agents Wanted