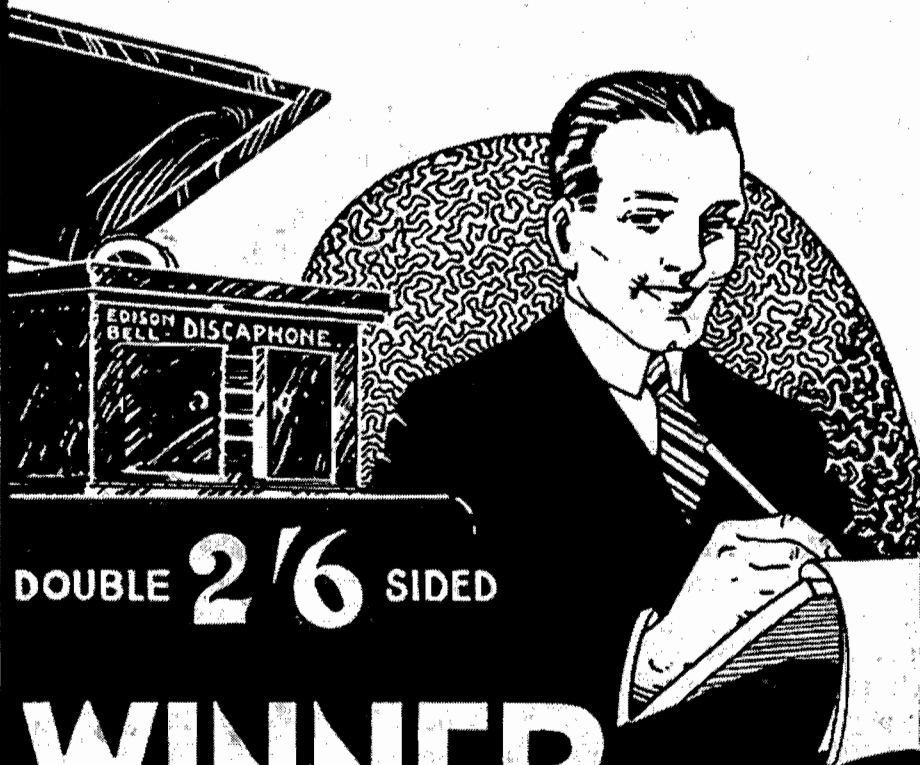


LIST 178.

# Wireless

## MORSE CODE



DOUBLE **2/6** SIDED

# WINNER RECORDS

MANUFACTURED BY J·E·HOUGH·LTD.  
· LONDON · S · E · 15 ·

# WINNER RECORDS

## ==== Morse Code Series. ====

With the popularisation of wireless—receiving sets for which will shortly become as general as gramophones—the introduction of this series of records will prove an immense boon to the thousands who are equipped with, and are about to instal their wireless apparatus.

There is no gainsaying the fact that wireless telephony is a miracle of modern achievement. But if our field is confined to the reception of bed-time stories, lectures, concerts, prize-fights and so on, there is little doubt but that the novelty will soon wear off. Our field, however, need not be so limited. The issue of these records opens up to everybody of average intelligence the opportunity of learning in the shortest possible time, and in the comfort of their own homes, the meaning of those cabalistic signs—dots and dashes—known generally under the name of the Morse Code.

All day and night the universal ether is vibrating with these mysterious signals. Some gigantic liner in mid-ocean is in distress; an airship is passing over the wastes of Sahara and reporting its progress; a revolution breaks out in South America, President Somebody has been defeated in the States, a volcanic eruption takes place in the East Indies—such messages, and many more of similar import, are communicated in that universal language, the Morse Code, and with a knowledge of it the wireless set has an almost infinite field of operation—well-nigh any moment can be picked up some stray and interesting gossip from the vasty universe. Furthermore, one must not forget that a knowledge of Morse has its commercial value—and as such these records will prove invaluable for educational purposes. To Telegraphy, both “wireless” and “wired,” Morse is indispensable. Think of the thousands and thousands of telegraph wires which strand our own British Isles, and you will immediately form a notion that quite a large number of people are engaged in sending and receiving messages by means of this dot and dash system.

Hitherto the acquisition of the Morse Code has been a tiresome and difficult process, efficiency in the system necessitating a duration to the average learner about as long as does the art of shorthand, and with about the same percentage of failures. But with these Morse records all the strain of receiving is reduced to a minimum. Given a half-hour a day for a fortnight, and by following the instructions in this pamphlet, nobody—unless he be deaf—should experience any difficulty in translating the ordinary signals in that period, after which it will only be a question of actual practice before the wireless amateur will be able to compete with the professional telegraphist.

The Morse Code is generally printed in a forward movement thus: **■ ■ ■ ■** but experience shows it is easier for learners to distinguish the collocations of symbols when arranged in the perpendicular order thus **■ ■ ■ ■** and, therefore, this arrangement has been adopted here.

Lesson No. 1 is as follows:—

<b>WINNER RECORD No. 1900. Part 1.</b>			
<b>B B B B</b> ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	<b>L L L L L</b> ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	<b>G G G G</b> ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	<b>Q Q Q Q</b> ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
<b>C C C C</b> ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	<b>Z Z Z Z Z</b> ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	<b>A A A A A</b> ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	<b>P P P P</b> ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

The letters have been "sent" very slowly. L, Z and A are repeated five times, while the remainder of the letters are given four times. Play your record at the normal speed, and repeat with the gramophone Da-a-sh-dot-dot-dot—Da-a-sh-dot-dot-dot, and so on, until you have familiarised yourself with the sound of the "buzzer." Play the record over about three times, and now on a sheet of paper endeavour to write down, without looking at the printed chart, the Morse characters **■ ■ ■ ■ ■** and thus till you come to the end of the record. Then compare your written work with the signs given above. By this time you will no doubt have had enough for one sitting. Whatever you do be sure not to rush your work. Master the one record before you attempt the next. Assuming you have done this you will pass on to Lesson No. 2.

<b>WINNER RECORD No. 1900. Part 2.</b>				
<b>H H H H</b> ■ ■ ■ ■ ■ ■ ■ ■	<b>M M M M</b> ■ ■ ■ ■ ■ ■ ■ ■	<b>I I I I</b> ■ ■ ■ ■ ■ ■ ■ ■	<b>N N N N</b> ■ ■ ■ ■ ■ ■ ■ ■	
<b>X X X X</b> ■ ■ ■ ■ ■ ■ ■ ■	<b>V V V V</b> ■ ■ ■ ■ ■ ■ ■ ■	<b>F F F F</b> ■ ■ ■ ■ ■ ■ ■ ■	<b>W W W W</b> ■ ■ ■ ■ ■ ■ ■ ■	<b>D D D D</b> ■ ■ ■ ■ ■ ■ ■ ■

Repeat as before, and after playing over this second record alternate it once or twice by reproducing the first record, so that your new knowledge shall not obliterate what you have already learned. Remember "Repetition is the Mother of Studies." When the first disc is thoroughly mastered you will take up Lesson No. 3.



Here are given a series of code-words, or, rather, what code words usually look like. Thus you will learn later on when "listening-in" that ferocious combinations as these sometimes are caught. When it is obvious such words are not of a foreign language it can be generally assumed that a code is being used, and to decipher it will largely depend upon your ability to obtain the key.

<b>WINNER RECORD No. 1903. Part 1.</b>			
<b>V A L L E Y</b> · · · · · · · · · · · · · · ·	<b>8 6 5 1</b> · · · · · · · · · · · · · · ·	<b>E Q U A L</b> · · · · · · · · · · · · · · ·	<b>3 7 9 2</b> · · · · · · · · · · · · · · ·
<b>F A V O U R</b> · · · · · · · · · · · · · · ·	<b>7 2 6 4</b> · · · · · · · · · · · · · · ·	<b>C A P T I V E</b> · · · · · · · · · · · · · · ·	<b>7 3 8 1</b> · · · · · · · · · · · · · · ·
<b>C E N T R A L</b> · · · · · · · · · · · · · · ·	<b>8 6 4 0</b> · · · · · · · · · · · · · · ·	<b>G A R D E N</b> · · · · · · · · · · · · · · ·	<b>B A K E R</b> · · · · · · · · · · · · · · ·
<b>5 2 8 7</b> · · · · · · · · · · · · · · ·	<b>6 3 2 1 4</b> · · · · · · · · · · · · · · ·	<b>5 9 9 0 2</b> · · · · · · · · · · · · · · ·	<b>F O R T U N E</b> · · · · · · · · · · · · · · ·

Lesson 7 gives more exercises in common words and numbers, and what has been said before sufficiently explains the record as detailed above.

As hitherto mentioned, if the learner gives about 30 minutes each day to these records he will by this time have mastered the intricacies of the Morse Code and will, with facility, be able to read such messages as on

<b>WINNER RECORD No. 1903. Part 2.</b>				
<b>I T</b> · · ·	<b>I S</b> · · ·	<b>U N D E R S T O O D</b> · · · · · · · · · · · · · · ·	<b>T H A T</b> · · · · ·	<b>I N</b> · · ·
<b>T H E</b> · · · ·	<b>N E A R</b> · · · ·	<b>F U T U R E</b> · · · · · · · · · · · · · · ·	<b>T H E</b> · · · ·	
<b>P R E M I E R S</b> · · · · · · · · · · · · · · ·	<b>O F</b> · · · ·	<b>T H E</b> · · · ·	<b>A L L I E D</b> · · · · · · · · · · · · · · ·	
<b>N A T I O N S</b> · · · · · · · · · · · · · · ·	<b>W I L L</b> · · · · · · · · · · · · · · ·	<b>M E E T</b> · · · · · · · · · · · · · · ·	<b>T O</b> · · · ·	

<b>D</b>	<b>I</b>	<b>S</b>	<b>C</b>	<b>U</b>	<b>S</b>	<b>S</b>	<b>M</b>	<b>A</b>	<b>T</b>	<b>T</b>	<b>E</b>	<b>R</b>	<b>S</b>	<b>O</b>	<b>F</b>	<b>G</b>	<b>R</b>	<b>E</b>	<b>A</b>	<b>T</b>	
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
<b>I</b>	<b>M</b>	<b>P</b>	<b>O</b>	<b>R</b>	<b>T</b>	<b>A</b>	<b>N</b>	<b>C</b>	<b>E</b>	<b>A</b>	<b>N</b>	<b>D</b>	<b>I</b>	<b>T</b>	<b>I</b>	<b>S</b>					
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
<b>H</b>	<b>O</b>	<b>P</b>	<b>E</b>	<b>D</b>	<b>M</b>	<b>U</b>	<b>C</b>	<b>H</b>	<b>G</b>	<b>O</b>	<b>O</b>	<b>D</b>	<b>W</b>	<b>I</b>	<b>L</b>	<b>L</b>					
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
<b>B</b>	<b>E</b>	<b>D</b>	<b>E</b>	<b>R</b>	<b>I</b>	<b>V</b>	<b>E</b>	<b>D</b>	<b>F</b>	<b>R</b>	<b>O</b>	<b>M</b>	<b>T</b>	<b>H</b>	<b>E</b>						
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
<b>C</b>	<b>O</b>	<b>N</b>	<b>F</b>	<b>E</b>	<b>R</b>	<b>E</b>	<b>N</b>	<b>C</b>	<b>W</b>	<b>H</b>	<b>I</b>	<b>C</b>	<b>W</b>	<b>I</b>	<b>L</b>	<b>L</b>					
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
<b>T</b>	<b>A</b>	<b>K</b>	<b>E</b>	<b>P</b>	<b>L</b>	<b>A</b>	<b>C</b>	<b>E</b>	<b>I</b>	<b>N</b>	<b>L</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>O</b>	<b>N</b>					
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·

Having become thus efficient he will find that this series of Winner Morse Code Records have fully substantiated all that is claimed for them, and if he is using his new-gained knowledge for the purpose of enlarging his wireless scope he will find he has scored a distinct advantage over those amateurs who are still unschooled in the mystery of what seems to them to be mysterious but monotonous sounds.

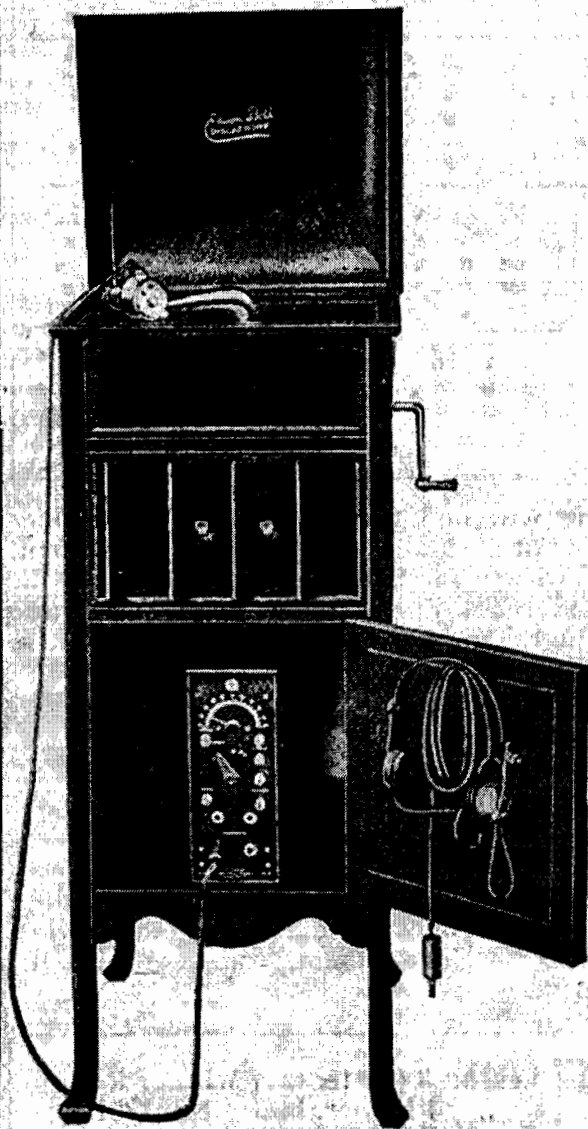
## WINNER Morse Code RECORDS

are sold singly at the usual price of Winners, namely 2s. 6d. Double-sided, or the set may be obtained, from all the leading dealers, enclosed in a neat and strongly bound album. This album is fitted with substantial pockets with top flaps so arranged that the records cannot fall out of the album when once deposited there. The Winner Morse Code Album, complete with the four following records retails at 12/6 net.

<b>Lesson 1 (Letters)</b>	<b>Winner Record</b>	<b>Lesson 3 (Letters)</b>	<b>Winner Record</b>
<b>„ 2 (Letters)</b>		<b>„ 4 (Numerals)</b>	
<b>No. 1900.</b>		<b>No. 1901.</b>	
<b>Lesson 5 (Simple Words)</b>	<b>Winner Record</b>	<b>Lesson 7 (Words &amp; Numerals)</b>	<b>Winner Record</b>
<b>„ 6 (Code Words)</b>		<b>„ 8 (Message in Morse)</b>	
<b>No. 1902.</b>		<b>No. 1903.</b>	

## IMPORTANT ANNOUNCEMENT.

We take this opportunity of announcing to the Trade and Public that the House of Edison Bell is now extensively engaged in the manufacture of wireless apparatus. While we shall continue to devote our unflagging energies to the development of the gramophone industry, this newer phase of sound-reproduction is also receiving our closest attention.



To this end we have established new and up-to-date departments under the direction of leading radio experts. Not only shall we manufacture combination instruments such as that illustrated on this page, but we shall also produce separate wireless-sets and their several parts.

Gramophone dealers are in a better position than any other traders to cope with the demands of the new industry, since, in many respects, gramophone and wireless parts are kindred products—at least from the sales point of view. With our vast organisation and manufacturing resources we hope to make the name **EDISON BELL** stand in the wireless world in that pre-eminent position which to-day it already occupies in the gramophone industry.

Fuller particulars will be issued to the dealers in due course.

**J. E. HOUGH, Ltd., EDISON BELL WORKS,**  
**Glengall Road, - - - LONDON, S.E. 15.**