

Telephone No. : Midland 5768 (7 lines).

Telegrams and Cables : "Stratnoid, Birmingham."

Stratton & Co. Ltd.

A. B. C. & BENTLEY'S
COMPLETE PHRASE CODES

LONDON OFFICE AND
WAREHOUSE:

3, HAMBELL STREET,
JEWIN STREET, E.C. 1.
TELE. : CENTRAL 1342.

NEW YORK :
100, FIFTH AVENUE.



Wireless Department,
BALMORAL WORKS,
BROMSGROVE STREET,
BIRMINGHAM.



SOLE MANUFACTURERS OF

EDDYSTONE
WIRELESS
ACCESSORIES

GEARED
CONDENSERS
AND
TWIN VALVE
RECEIVERS

GSL/NHP.

Dear Sirs,

GROWTH

This time last year we entered the wireless industry with one line only - the 'EDDYSTONE' Twin-Valve receiver and inspired by its remarkable success we have been adding to this line until, at the present time, our new catalogue (a copy of which is enclosed herewith) contains 16 pages devoted to new 'EDDYSTONE' RADIO PRODUCTS.

In producing this range we have endeavoured to make our products as original as possible at the same time bearing in mind that quality and efficiency are the vital factors.

These points combined with the fact that EDDYSTONE RADIO PRODUCTS are now being advertised in the leading wireless journals should enable you to include them in your stock this season, in which case we are sure you will find them splendid selling propositions.

Each article is backed by a 12 months free guarantee and our sole object in connection with this is to ensure your goodwill and that of your customer.

We hope to hear from you in the near future and in the meantime any further information you require will be gladly sent.

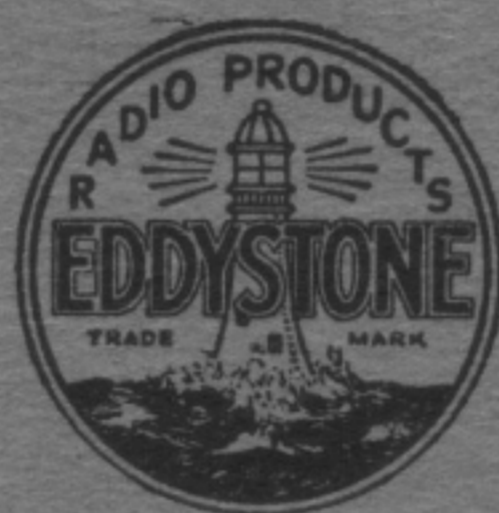
Assuring you of our best attention at all times.

We are,

Yours faithfully,
STRATTON AND COMPANY Limited.

EDDYSTONE

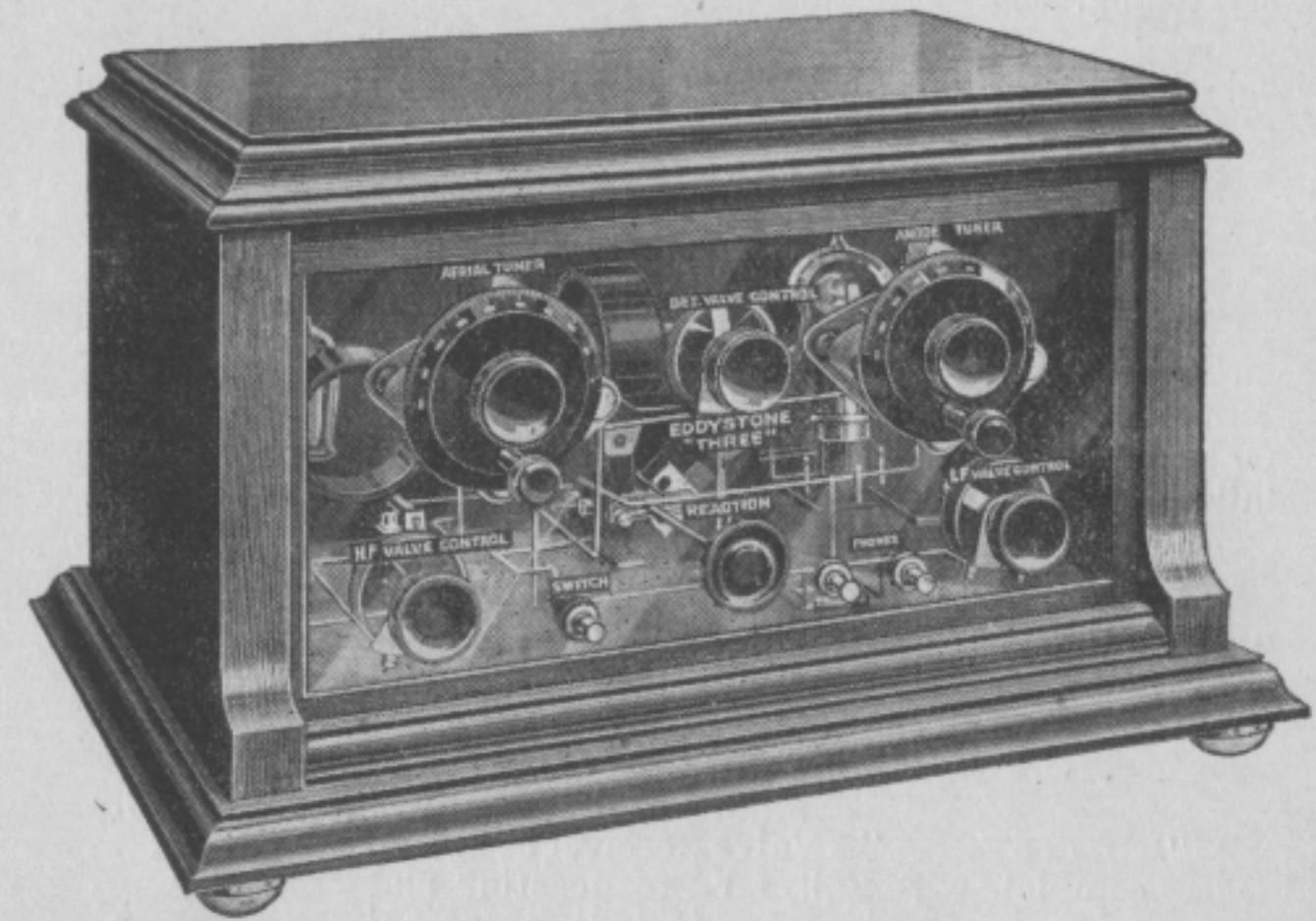
RADIO PRODUCTS



Sole Manufacturers:
STRATTON & CO. LTD.,
Balmoral Works, Bromsgrove Street,
BIRMINGHAM.



"EDDYSTONE" Three Valve Set.



MODEL 1.

THE "EDDYSTONE" Model 1 Receiver employs a High Frequency stage, which is essential in all selective sets.

The high frequency valve is followed by a detector and a stage of low frequency amplification. Each valve has a separate filament control, and the first valve may be switched off when it is desired to receive a local station. The first two valves only (H.F. and Detector) may also be employed for headphone use, using the terminals provided on the panel.

The Set has vernier controls, and is capable of very fine adjustment; the reaction control is smooth and without overlap. It will not re-radiate, and therefore cannot cause annoyance to other people; no trace of oscillation trouble was experienced, using another set on an aerial only 30 feet away. Grid bias is supplied to the last valve, which can be used as a power valve with a high voltage, if desired.



The Instrument Panel is of plate glass, which gives full visibility of all apparatus and valves. The last mentioned are enclosed, thus breakage free and dustproof. The Cabinet is sturdily built of Oak, finished Jacobean, and is mounted on "EDDYSTONE" Absorbos, which take up all shock, and prevent damage from scratching.

As a conservative estimate of the performance of the Set, using a good aerial, the following figures may be useful as a guide, but should be usually exceeded :—

Loud Speaker strength on Relays, 40 miles.
 " " " on Main Stations, 120 miles.
 " " " Daventry, 300 miles.

Or suitable for working on an indoor aerial with earth up to 20 miles of a Main Station, or 100 miles of Daventry.

The Loud Speaker strength of this Set is not quite so great on near Stations as on Model 2, but the range is greater.

PRICE.

	£ s. d.
"EDDYSTONE" 3 Valve Receiver as above, complete with Coils for Broadcasting and Daventry Stations, and including Marconi Royalty	16 16 0

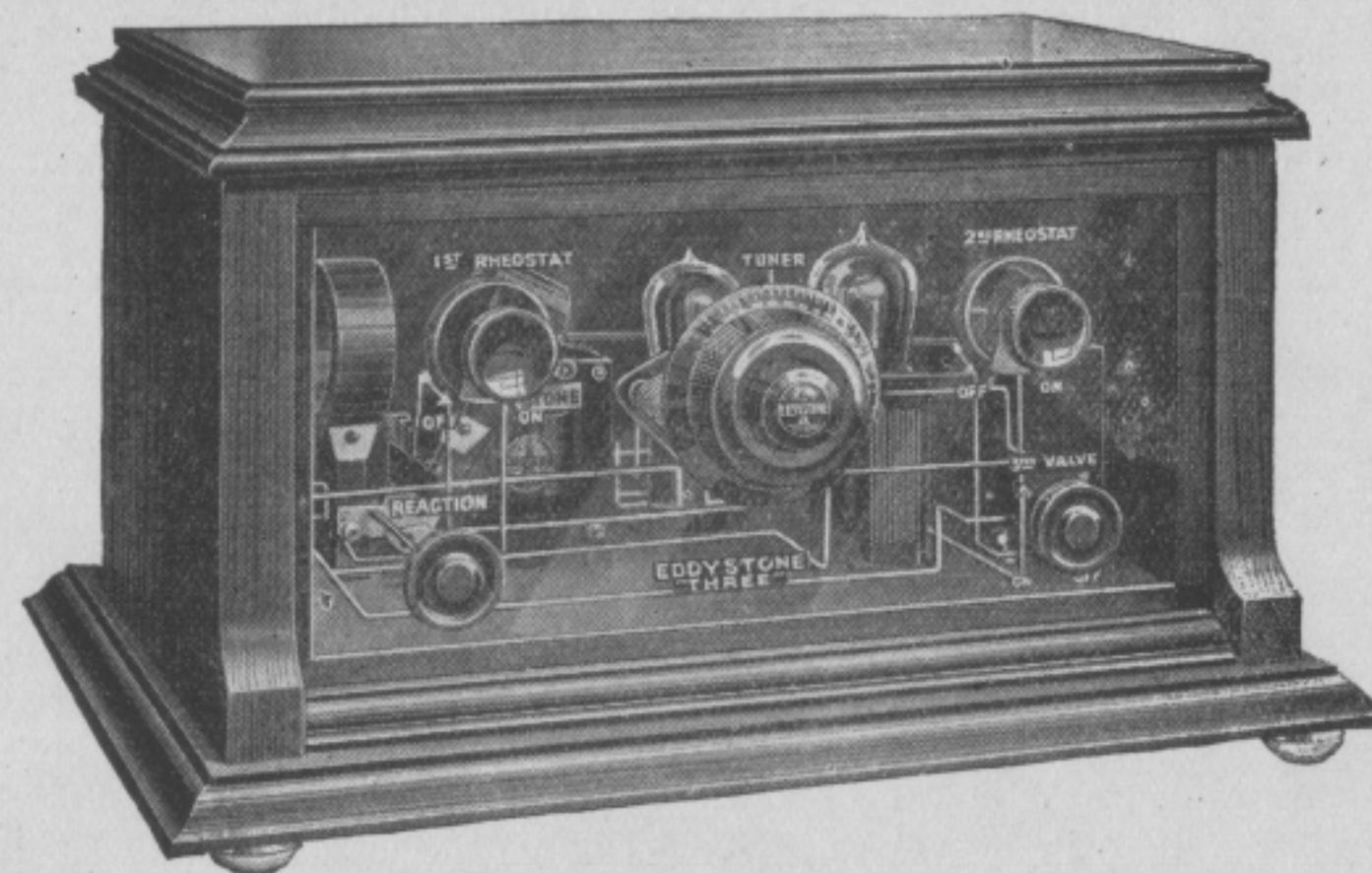
The following Accessories are needed for a complete installation :

1 Mullard P.M.1 H.F. Valve	14 0
1 Mullard P.M.1 Valve	14 0
1 Mullard P.M.2 Valve	18 6
30-Volt Hellessen H.T. Battery	6 6
60-Volt Double Capacity Ditto	1 1 0
2-Volt 50-Amp. Exide Accumulator with carrier	1 1 0
Leads	4 0
"EDDYSTONE" Loud Speaker	2 10 0
	£24 5 0

See Note at bottom of Page 4 with reference to H.T. Batteries.



"EDDYSTONE" Three Valve Set.



MODEL 2.

THIS Model 2 Receiver has been built to meet the demand for a powerful set which will embody long range with simplicity. It is an ideal set for positions that are over 5-8 miles from a local station, since, in this case, it is capable of receiving several alternative programmes at first-class loud speaker strength, without local station interference, yet is exceedingly simple to operate. On the local station, and within 50 miles of Daventry, it is exceedingly powerful, and will operate several large loud speakers at full volume. Quality has been most carefully studied, and is all that can be desired, owing to the high-class apparatus used. Switching is provided for optional two or three valves, since two valves are all that are necessary for loud speaker work on the near station.

The Cabinet is of solid Oak, Jacobean finish, is fitted with shock-absorbing feet, and has a glass Instrument Panel. All apparatus and valves are enclosed, and are thus protected from breakage and dust; while terminals are fitted out of the way at the back of the cabinet. Grid bias is supplied to the last two valves, giving economy in H.T. current consumption and improved quality. Both the Condenser and Coil adjustment are vernier geared, so that accurate tuning can be obtained. The Set is adaptable to any wavelength, from 60-6,000 metres.



The following is a conservative estimate of the performance of the Set on a good aerial, and should be usually exceeded, Loud Speaker strength having been obtained on stations over 500 miles distant regularly :—

Loud Speaker strength on Relays, 50 miles.
 " " " on Main Stations, 100 miles.
 " " " on Daventry, 250 miles.

Or suitable for working on an indoor aerial with earth up to 15 miles of a Main Station, or 80 miles of Daventry.

PRICE.

	£ s. d.
"EDDYSTONE" 3 Valve Receiver as above, complete with Coils for Broadcasting and Daventry Stations, and including Marconi Royalty	15 15 0

The following Accessories are needed for a complete installation :

1 Mullard P.M.5 Valve	18 6
2 Mullard P.M.6 Valves	1 17 0
1 99-Volt Double Capacity Hellessen H.T. Battery	1 15 0
1 6-Volt 40-Amp. Exide Accumulator with carrier	2 10 6
Leads	4 0
"EDDYSTONE" Loud Speaker	2 10 0
	£25 10 0

NOTE.—In place of the H.T. Battery listed, H.T. Accumulators can be used. These are more expensive in the initial outlay, but have the advantage that they can be charged up when run down, instead of having to buy new batteries.

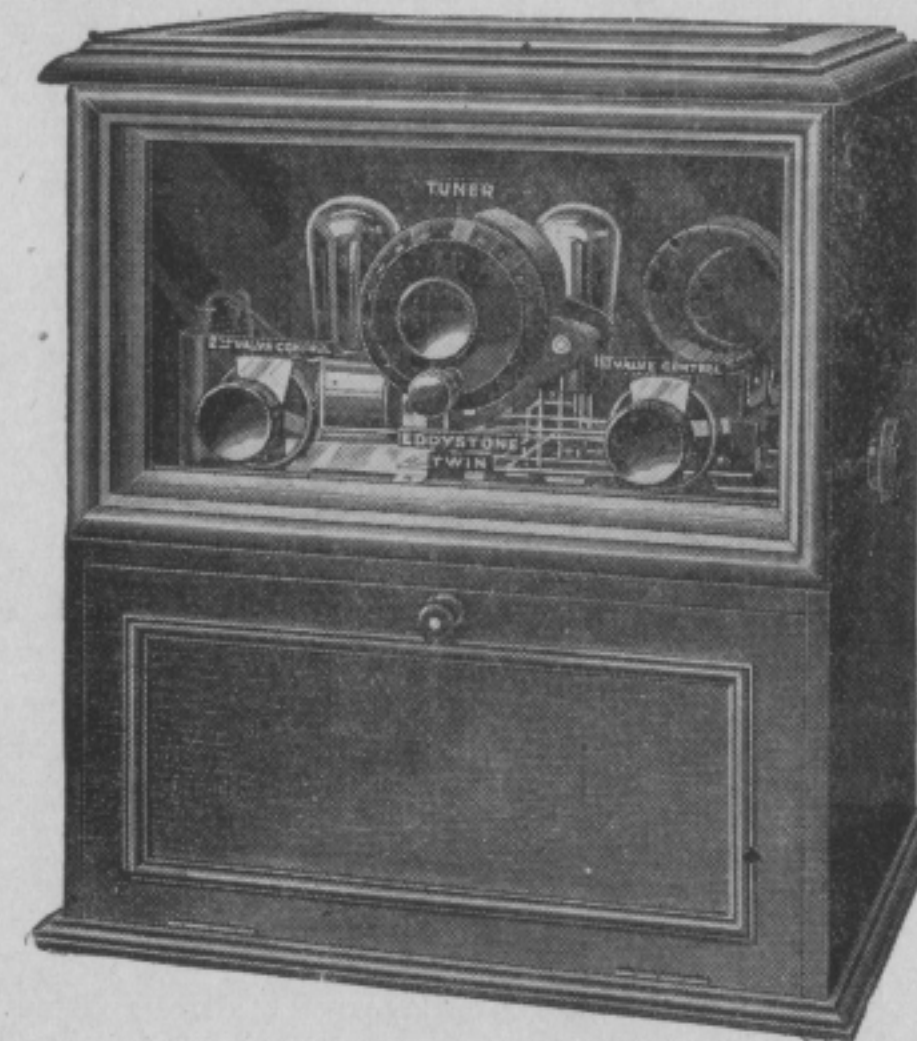
	£ s. d.
4 Exide 20-Volt H.T. Accumulator Units cost ..	3 0 0
4 20-Volt Units Smaller Make	2 0 0

We also supply H.T. Units for working from Electric Light D.C. Mains.

SEND FOR PARTICULARS.



"EDDYSTONE" Twin Valve Receiver.
 For Loud Speaker and Long Distance Reception.



THE "EDDYSTONE" Twin Valve Receiver is a first-class two-valve receiving set made with the highest quality components. It will give splendid loud speaker reception, and is capable of receiving many stations, while the operation and working of it is extremely simple.

The Cabinet is of Jacobean finish Oak, polished inside and out, mounted on the patent "EDDYSTONE" Absorbos, and can be supplied with or without a bottom cabinet for holding the batteries. All valves and apparatus are enclosed, being dust-proof and breakage free. The plate glass panel, however, allows full visibility. The set is of the latest technical design, and has a geared coil holder, geared condenser, anti-capacity valve holders, air-mounted fixed condensers and grid leak, grid bias battery and low loss wiring.

Each set carries a 12 months guarantee.

PRICES.

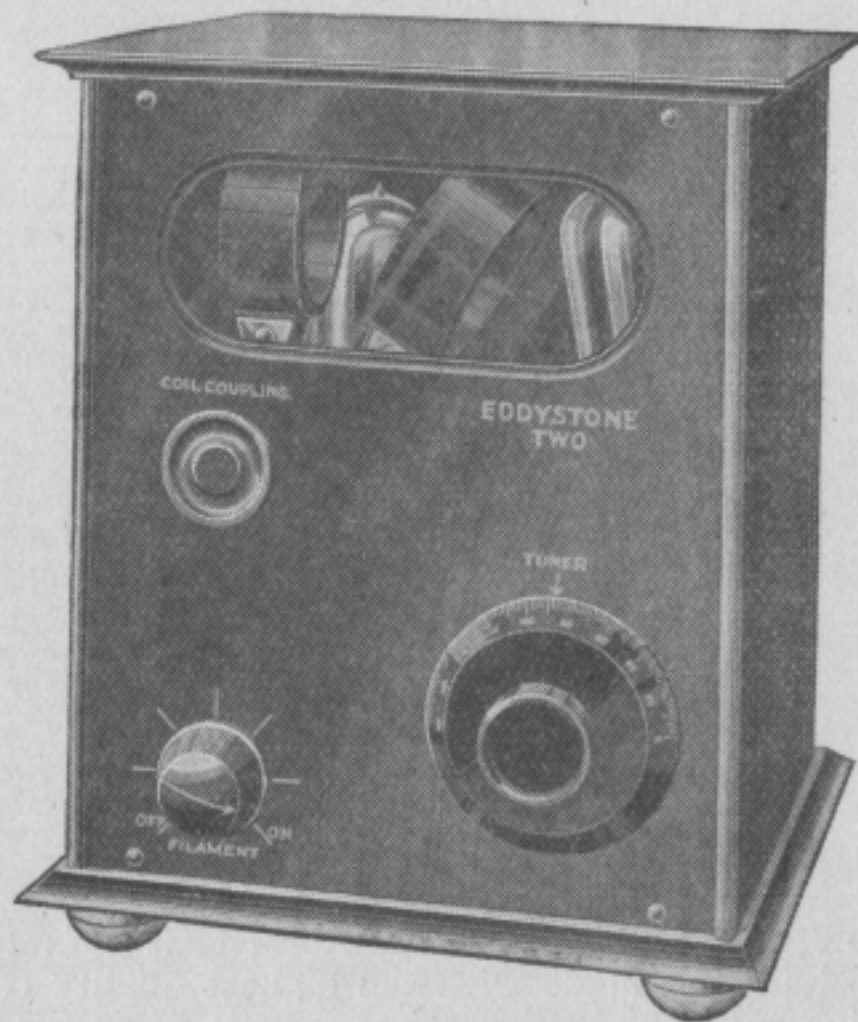
TWIN VALVE RECEIVER AND BATTERY CABINET with Coils and including Marconi Royalty	£9 0 0	TWIN VALVE RECEIVER LESS BATTERY CABINET with Coils and including Marconi Royalty	£8 0 0
RECEIVER AS ABOVE, but complete with all accessories	£14 12 6	RECEIVER AS ABOVE, but complete with all accessories	£13 12 6

The accessories included in the above prices are :—

"EDDYSTONE" Loud Speaker	£2 10 0
Mullard P.M.1 and P.M.2 Valves	1 12 6
99-Volt Hellessen H.T. Battery	1 1 0
2-Volt Exide 40-Amp. L.T. Battery	9 0



"EDDYSTONE" Two Valve Receiver.



THIS is a simple but efficient Loud Speaker set for the local station and within 100 miles of Daventry. It is also capable of bringing in a number of other stations if required. Tuning is done by means of the one dial, and the set is switched on or off by a master rheostat. It is exceedingly simple to work, and there are no complications. The set is fully enclosed, and all working parts and valves are protected from damage and dust. The cabinet is mounted on the "EDDYSTONE" Absorbos, which protect the valves.

SPECIFICATION.

	£	s.	d.
"EDDYSTONE" Two, with Coils for Broadcasting and Daventry	5	5	0
Marconi Royalty	1	5	0
"EDDYSTONE" Loud Speaker	2	10	0
1 Mullard P.M.1 Valve		14	0
1 Mullard P.M.2 Valve		18	6
1 60-Volt H.T. Battery		9	6
1 Exide D.T.G. Battery		4	6
1 Set Connecting Leads		2	6
	<u>£11</u>	<u>9</u>	<u>0</u>

Cat. No. 1008.



"EDDYSTONE" Symphony Loud Speaker.

De Luxe Model.



TO the enthusiast who desires a luxurious instrument of distinction, we offer the "EDDYSTONE" SYMPHONY Cabinet Speaker. The general appearance is pleasing and imposing, the speaker being made in highly polished mahogany or oak with metal relief finished old silver, after the style of Louis XIV. The tone is mellow and refined, and perfectly natural reproduction over the whole range of audible frequencies has been secured.

It is capable of working from a powerful valve receiver, but the volume obtainable can be adjusted to suit every requirement.

We have no hesitation in recommending the SYMPHONY Speaker to the critical connoisseur.

Price - £8 - 8 - 0

Cat. No. 137.



"EDDYSTONE" "Lyric" Loud Speaker.



THE "EDDYSTONE" "LYRIC" Cabinet Speaker contains our special reproducing mechanism famous for its clarity, uniformity and durability. This, with the heavy cast aluminium tone chamber and amplifying bell, is responsible for the beautiful tone quality. This addition to the "EDDYSTONE" range is also a handsome piece of furniture. The case is of solid mahogany or oak, well finished and substantially built, and is artistically designed to harmonize with home surroundings.

Price : £4 - 15 - 0

Cat. No. 136.

"EDDYSTONE" Loud Speaker. Type P.2.

THIS Speaker has become famous for its superb combination of clarity and tone over the whole range of audible frequencies. It will carry all the volume necessary for general use without loss of power, and yet is still ultra-sensitive, any signals that can be heard on the 'phones can be heard on this Loud Speaker. Perfectly finished in satin black with polished nickel fittings, and guaranteed for twelve months.

SPECIFICATION.

2,000 ohms Resistance.
20½ in. high.
12½ in. Flare.
Complete with Cords.

Price : £2 - 10 - 0

Cat. No. 1004.



"EDDYSTONE" "Conqueror" Transformer.



THE results given by this Transformer have prompted us to call it the "Conqueror." The primary of the instrument has a high inductance value, which gives distortionless amplification over the whole sound frequency range. The primary is wound with double silk covered wire, which ensures quietness and enables it to withstand high voltages. A special heavy core of tested laminations and perfect insulation are further important features. Like all other "EDDYSTONE" products, it is well finished externally, looks sturdy, and is of pleasing design.

PRICES.

	£	s.	d.
Ratio 5:1 12 henries primary inductance	1	1	0
Ratio 3:1 15 henries ditto ..	1	1	0
Power Transformer, tapped—secondary, 1:2½; 1:3½; 1:5	1	5	0

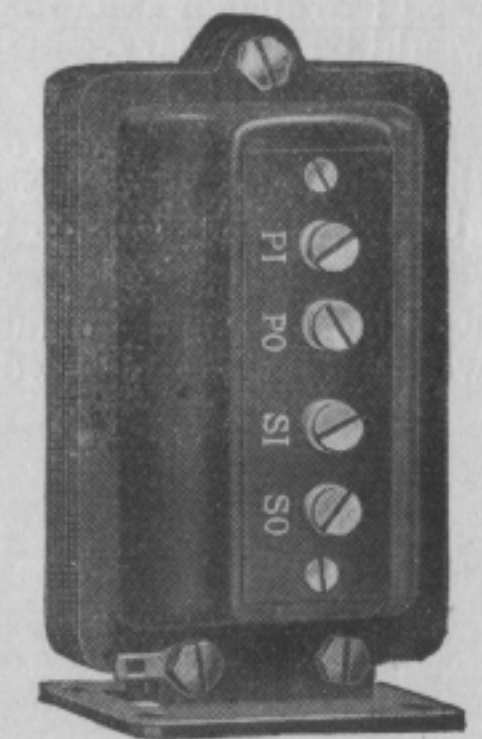
"EDDYSTONE" "Monarch" Transformer.

A VERY efficient shielded Transformer, which amplifies with a silent background with excellent quality. This instrument is a new departure in design, and is exceedingly compact, occupying only 1¼ in. square of panel space. The terminals are clearly marked and easily accessible. It will give unfailing service and, as in the case of the "CONQUEROR" Transformer, comes under the "EDDYSTONE" 12 months guarantee.

Price, 12/6 each.

Ratio 5:1.

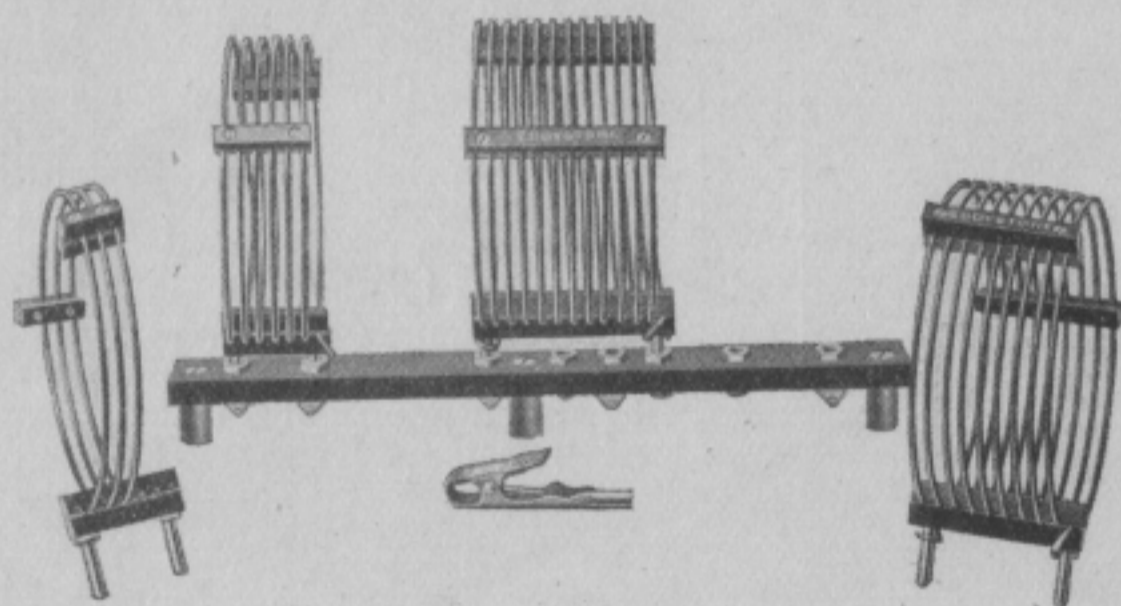
Cat. No. 131.





"EDDYSTONE" Short Wave Unit.

P. Patent.



15 - 200 Metres.

THIS Unit comprises 4 interchangeable coils of special construction. These, by plugging into a special stand, give a series of arrangements so that the entire waveband from 15 to 200 metres can be covered, using a .00025 tuning condenser. Moreover, the greatest possible efficiency is obtained on each series of wavebands.

The arrangements make use of an aperiodic aerial coil and a tapped coil, part of which is tuned and the remaining portion being used for obtaining reaction on the Reinartz principle. As an example, for 15 to 30 metres, a 3-turn aperiodic coil with a 6-turn tapped coil would be used; while for 120 to 200 metres, 6 turns and 21 turns respectively would be necessary.

The coming importance of short wave transmissions can be judged from the fact that there are now over 150 stations, apart from amateurs, giving transmissions on waves between 13 and 150 metres.

Full instructions, a number of circuit diagrams and some useful short-wave hints, are included with each unit.

Price : 15/6 The Unit Complete.

Cat. No. 113.



"EDDYSTONE" Low Loss, Short Wave Coils.

THESE Coils are intended for adapting the ordinary broadcast receiving set when fitted with interchangeable coils, for use on the low wavelengths. Provided the set is a straight circuit and moderately well wired, this can be done without difficulty.

The short wave American Station, KDKA., on 63 metres, can be received well during the winter months after 11.30 p.m., together with many other Continental Stations now broadcasting nightly programmes on low wavelengths.

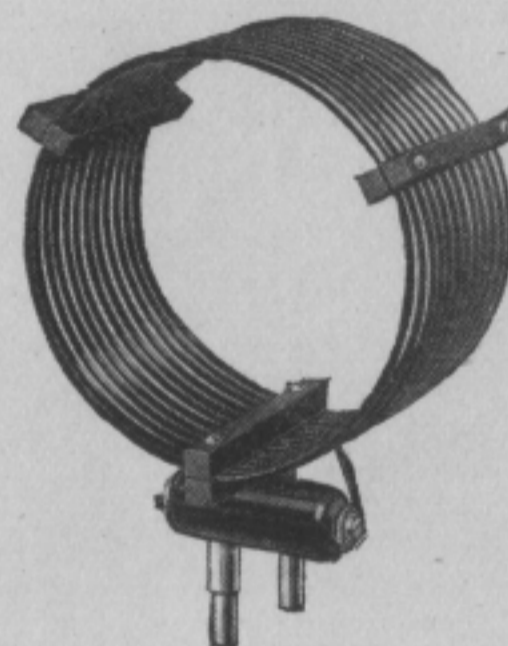
The Coils have a minimum of self-capacity, and the small mass of insulation prevents losses; yet they are mechanically strong and rigid.

Full instructions with every Coil.

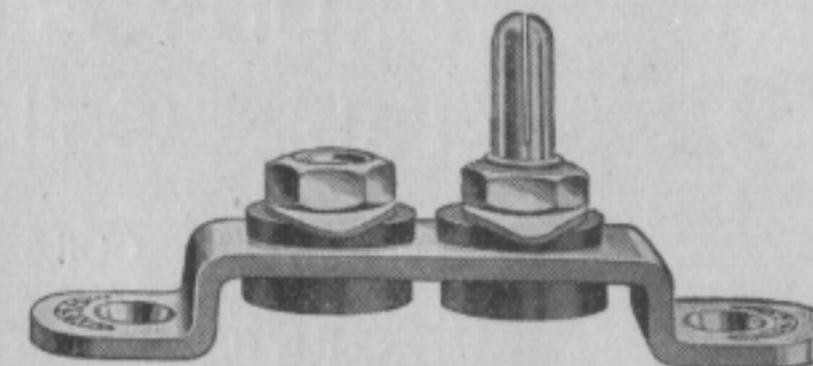
Approx. Wavelength in closed Circuit with .0003 Condenser.

				s. d.
No. 3	10-45 metres	..	..	2 6
No. 6	20-75 "	..	..	2 9
No. 9	32-90 "	..	..	3 0
No. 12	50-140 "	..	..	3 3
No. 15	70-200 "	..	..	3 6

Cat. No. 112/Coil No.



"EDDYSTONE" Coil Mount.



AIR SPACED BASE BOARD TYPE.

THIS Coil Mount is of original design and has a very low self-capacity, the plug and socket portion being nearly entirely air spaced, and made of as little metal as practicable. The bushes are of A1 quality ebonite, and of ample size. The bracket is of polished duraluminium, with nickel plated fittings, and is supplied with soldering tags.

Cat. No. 146.

Price, 1/- each.



"EDDYSTONE" Radio Inductance Coils.

THE Coils are wound in straight turns with fine wire. This enables a large inductance value to be obtained with a coil of small length and size. The advantage of the method has been pointed out by well-known authorities from time to time, but as far as is known, the "EDDYSTONE" Coils are the only Coils on the market wound in this manner.

	s.	d.
No. 25	2	3
No. 35	2	6
No. 50	2	6
No. 65	2	9
No. 75	2	9
No. 100	3	0
No. 150	3	0
No. 200	3	6
No. 250	3	6
No. 300	4	0

Cat. No. 111.



"EDDYSTONE" Table Coil Stand.

KEEP YOUR COILS TOGETHER with the "EDDYSTONE" Coil Stand. Every Coil is right at your service when you want it. Avoids unnecessary searching for the right Coil. The stand is of grained oak, finished light or dark as desired, with nickel-plated brass pegs, all hand polished. The Stand can be either mounted on the set or screwed to the wall.

Price :
2/6 per stand.

Cat. No. 125.



"EDDYSTONE" Microtune Dial.

Patent.



THIS Dial is intended for use where very fine and accurate tuning is needed. It has two movements: a rapid, which is a direct drive, and a fine, which provides a reduction of 128 : 1. There is no backlash, and no slackness will develop in wear.

The metal dial acts as an efficient earthing shield, and prevents hand-capacity effects in general use; but when the condenser is used in a feed back position, as in Reinartz circuits, the Bakelite dial is recommended.

A Screwdriver only is necessary for fixing to any condenser $\frac{1}{4}$ in., $\frac{3}{8}$ in. or 2B.A. spindle.

PRICE.

	s.	d.
Metal dial, oxidised silver finish, engraved 0-180°	8	6
Bakelite dial, engraved 0-100°	10	0

(The 0-100° working is most suitable for S.L.F. condensers.)

Cat. No. 145.

"EDDYSTONE" Panel Supports.

NOW that the baseboard built set is becoming universal, some type of support is necessary for holding the panels in position.

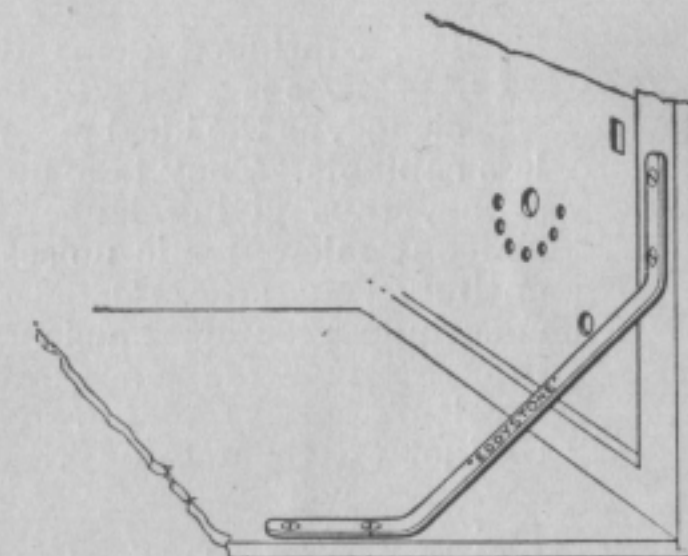
The "EDDYSTONE" Support is ideal for this work. Made of duraluminium, it is light, neat and strong; is polished and will not tarnish.

Supplied complete with plated 6 B.A. screws and nuts for the ebonite panel, and wood screws for the base board.

Price, 1/3 per pair.

Complete.

Cat. No. 127.





" EDDYSTONE "

Safety Lead In.



P. Patent 13116.

THIS " EDDYSTONE " Lead-in combines as one component the usual lead-in tube and change over earthing switch, with the following advantages: It takes up less room, is quicker and easier to fit, the enclosed contacts are weatherproof and free from atmospheric corrosion, while it can be operated from the inside. When the switch is pushed in, the aerial is connected directly to earth outside the house, and the set completely isolated; when pulled out, the aerial is brought through to the set in the usual manner.

The contacts are first-class and there is nothing to wear or go wrong.

Price, 3/6

Cat. No. 147.

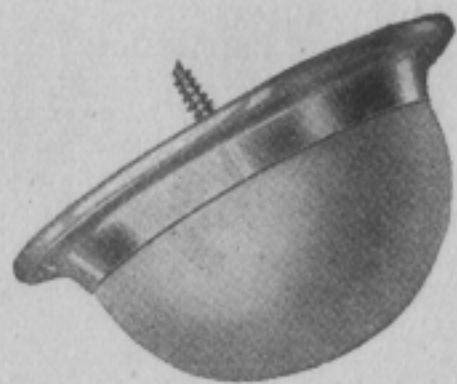
" EDDYSTONE "

" Absorbos. "

The Ideal Mount for Radio Sets.

AS FITTED ON ALL " EDDYSTONE " RECEIVERS.

THE continued demand for these Absorbos is a tribute to their efficiency, as the ideal mount for wireless cabinets. They take up all outside shock, thus giving longer valve life. Prevent microphonic noises, and stop entirely any stray leakage to earth, ensuring greater efficiency. They prevent marking or scratching the furniture. Easy to fix. Mount your cabinet on them to-day.



Pat. No. 9618.

Price, 2/3 per set of four.

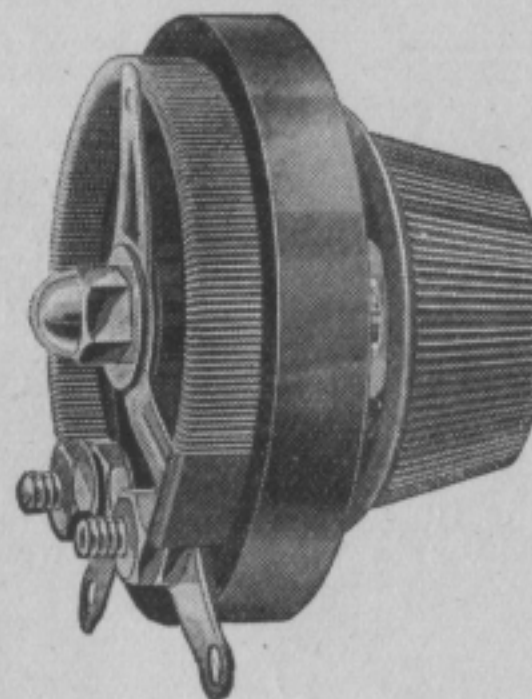
In untarnishable gold mounts.

Cat. No. 124.



" EDDYSTONE "

Aerovox Rheostat.



THIS Rheostat is specially made for us and is used on " EDDYSTONE " Receivers.

It is Bakelite throughout, with a beautifully-finished moulded knob which embodies an engraved arrow for position finding.

The contact arm glides smoothly over the winding, and is superior to many of the existing types; the current flow is constant.

The one-hole fix is adaptable to panels up to $\frac{5}{16}$ in. thick, and the knob, having a side screw for fixing, always comes flush with the panel.

MADE IN 3 RESISTANCES: 6 ohm, 15 ohm, 30 ohm.

Price, 2/6 each.

Cat. No. 155.

" EDDYSTONE "

Grid Leak and Mount.

THE " EDDYSTONE " Grid Leak is a well-made, reliable Leak, and is guaranteed to be within 5% accurate, while it cannot be affected by damp or temperature changes.

The mount is exceedingly handy for use in the now popular base board built sets. It has two spring clips with soldering tags, spaced at the correct distance for any type of grid leak. These are mounted on an ebonite base which requires only one screw for fixing down.



	Each.	s. d.
Cat. No. 103. Grid Leak, $\frac{1}{2}$, 1,		
2, 3, 4, or 5 megohm ..	1	6
Cat. No. 102. Grid Leak and		
Mount	2	3
Cat. No. 104. Mount only ..		9



"EDDYSTONE" Valve Holder.



THE "EDDYSTONE" Valve Holder, as all other "EDDYSTONE" products, is a well-finished quality article. The nickel-plated legs are hexagon in shape, which gives it a distinctive appearance. Designed for base board mounting, it has a low capacity value.

The legs can be locked down from above; thus the connecting wires can either be soldered to the tabs supplied or taken directly under the legs.

Price, 1/3

Catalogue No. 105.

"EDDYSTONE" Battery Switch.

A HANDY little Switch for all kinds of on and off purposes. Made of best quality ebonite and nickel-plated brass metal work with strong contacts that will not soften in use. One hole only for fastening, while the double locking collars ensure flush fitting on any thickness of panel.

Price, 1/6

Catalogue No. 101

