



Ericsson News

APRIL 1927

English edition.

Managing Editor:

Woldemar Brummer

Vol. I No. 1

ANNOUNCEMENT.

Telefonaktiebolaget L. M. Ericsson herewith have the pleasure of presenting the initial number of the

“ERICSSON NEWS”

in an English edition.

The object of this news sheet is to spread information concerning the activities of this company and associated enterprises oftener, more extensively and especially in broader circles than has hitherto been possible through the medium of The L. M. Ericsson Review. Consequently, beginning with Vol. IV (1927), The L. M. Ericsson Review will contain articles of a more scientific and technical character bearing on the various activities of the Ericsson concern; also, questions on such subjects will be taken up for discussion. In the future, The L. M. Ericsson Review will be published quarterly.

All news items concerning orders and deliveries of more vital interest from a technical point of view, as well as statistics and other information concerning the activities and development of this and associated enterprises will be published each month in the

“ERICSSON NEWS”,

which will also contain reviews of publications and current articles on topics related to the activities of the company, including items of information concerning The L. M. Ericsson Review and other printed matter published by the company.

Thus, The L. M. Ericsson Review and the Ericsson News will complement each other in the common attempt to form a uniting link between the company and associated enterprises, its patrons and all those who take an interest in the activities and development of this firm.

The Ericsson News will be distributed free of charge to those who receive The L. M. Ericsson Review as well as to persons and institutions for whom articles of a purely technical or theoretical character are of comparatively small interest but who are desirous of being kept informed as to the activities of the company.

Until further notice, the Ericsson News will be published in Swedish, English, French, German and Spanish. It is the intention of the editorial management, however, to gradually widen the scope of this publication to include a number of other languages.

In the publishing of the Ericsson News, Telefonaktiebolaget L. M. Ericsson counts on the active and interested collaboration of its staff of engineers and other employees, in the Stockholm office as well as in the local managements of the associated enterprises.

THE EDITOR.

Following the death of Lars Magnus Ericsson. Telefonaktiebolaget L. M. Ericsson has sent its many friends at home and abroad separate pamphlets containing the obituary and biographical sketch published in Nos. 9 to 12, Vol. III (1926) of The L. M. Ericsson Review. As a result, many expressions of a warmly sympathetic nature concerning the character and personality of the deceased have been received by the Stockholm office as well as by our foreign branch companies. We beg to quote a letter received from our English subsidiary, showing the high esteem in which the founder of this concern was held:

»It will interest you to hear that we have again received very many letters of appreciation regarding the above. The following, received from one of the P. & T. district engineers in New Zealand is typical: 'I have to thank you for the little memento from Messrs Ericsson. I value this most highly. Ericsson is a name that stands very high in the esteem of all the P. & T. engineers.'»

Foreign news item. Telefonaktiebolaget L. M. Ericsson has received a letter from one of its customers in South America, from which we take pleasure in quoting the following:

»Ericsson material is exceedingly well known in Chile, where its use has given unsurpassed results and unqualified satisfaction. The C. B. exchange in Antofagasta works to perfection. I certainly admire the care with which these deliveries have been executed; they have not failed in one single detail. All cables are delivered ready sewn and fit to the centimetre.»

Automatic exchanges. The unusual speed with which the number of subscribers in Verona has increased, due to the excellent workmanship and functioning of the exchange and outside net, was mentioned in the General Notes in Nos. 7 & 8, Vol. III (1926) of The L. M. Ericsson Review. The certainly admire the care with which these deliveries have been sent by Società Telefoni Automatici Veronesi to Società Ericsson Italiana — L. M. Ericsson's branch company in Italy —, which reads as follows:

»The undersigned company, Società Telefoni Automatici Veronesi, herewith declares that Società Ericsson Italiana has built a local telephone plant in the city of Verona for our account, with an automatic exchange and outside distribution according to the modern cabinet system.

This work has been executed to our complete satisfaction, the plant — with 1500 primary and 1900 secondary distribution lines, with a capacity of 1000 lines for the exchange proper — having been opened for service on April 12th 1925. The number of subscribers' lines has now been increased to 2000 and steps have been taken for the extension of the net, the excellent service given by this plant being responsible for the daily increase in the number of subscribers.

On Honour

Società Anonima Telefoni Automatici Veronesi
C. de Stefani,
President.

Verona, November 5th, 1926».

Club life. In May 1926 the L. M. E. Society (Sällskapet L. M. E.) was formed for the purpose of giving the employees of this company an opportunity to come together for the purpose of fostering good fellowship and more intimate collaboration in their work.

At a recent meeting of the Society it was decided to extend an invitation to all members of the company's foreign branches visiting Stockholm to be the guests of the Society at any social events which might take place during their stay in this city.

The Ericsson system of private automatic exchanges.

The General Notes in Nos. 7 & 8, Vol. III of The L. M. Ericsson Review gave its readers to understand that it would soon be able to offer them more complete data concerning the delivery of private automatic exchanges manufactured by the Ericsson works in France and Austria as well as by the Hasler A. G. in Bern, Switzerland, this latter firm co-operating with L. M. Ericsson. We are now in a position to give our readers the information contained in the following table:

T A B L E

giving the number of Ericsson private automatic switchboards manufactured in foreign countries up to Sept. 30, 1926.

Manufacture begun in	Factory	OL 20		OL 20/40		OL 100		OL 500		Total	
		Exch's	Lines	Exch's	Lines	Exch's	Lines	Exch's	Lines	Exch's	Lines
1923	Société des Téléphones Ericsson, Colombes, France	54	1080	—	—	—	—	13	1100	67	2180
1924	Ericsson Oest. Elektr. A-G., Wien.....	14	352	—	—	—	—	3	260	17	612
1925	Hasler A-G., Bern, Schweiz.....	1	10	1	25	5	122	1	50	8	207
	Total	69	1442	1	25	5	122	17	1410	92	2999

The above figures together with those given on page 1 of General Notes in Vol. III, Nos. 7 & 8 of The L. M. Ericsson Review bring the grand total of Ericsson private automatic switchboards — both completed and under construction — up to 267, with a total number of 10,293 lines. 212 of these exchanges, with a total of 7644 lines — amounting to 80 and 75 percent respectively —, are of Ericsson's foreign manufacture.

Switchboards of the types here shown have been delivered previous to 1926 to various institutions and concerns for internal service, with or without central exchange connections. However, during 1926 a number of maller municipal exchanges have been equipped with these switchboards. Among these may be mentioned the Swiss rural exchanges in Winkeln, Goldwil and Jens. Winkeln is equipped with 50 subscribers'

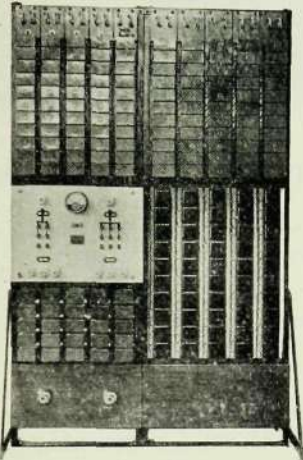
lines and five junction lines to the central exchange in Gallen; Goldwil has 22 subscribers' lines and three junction lines to the central exchange in Thun; while Jens has 10 subscribers' lines and one junction line to the central exchange in Biel. The first Ericsson automatic switchboard of the OL type to serve as a town exchange was opened for traffic in Forli in Italy during September 1926. More detailed information concerning this exchange may be found in Nos. 1 to 3 of The L. M. Ericsson Review for the current year.

In this connection, our readers may be interested to hear that of the fifty-two automatic switchboards sold and erected in Sweden up to January 1, 1927 (see adjoining table), twelve were delivered to various governmental and municipal departments, thirty-two to business houses and industrial concerns, and the remaining eight to hospitals.

Total number of small automatic switchboards of Ericsson's OL type delivered up to January 1st 1927. These figures include deliveries from the Stockholm works as well as from factories in foreign countries; also, switchboards ordered and now under construction in the Stockholm works.

	OL 20—40						OL 100						OL 500						Total number of	
	Swedish		Foreign		Total		Swedish		Foreign		Total		Swedish		Foreign		Total			
	Number of		Number of		Number of		Number of		Number of		Number of		Number of		Number of		Number of			
	Exch's	Lin.	Exch's	Lin.	Exch's	Lin.	Exch's	Lin.	Exch's	Lin.	Exch's	Lin.	Exch's	Lin.	Exch's	Lin.	Exch's	Lin.	Exch's	Lines
In service	17	464	139	2947	156	3411	8	425	22	1177	30	1602	27	1650	46	3370	73	5020	259	10043
Under construction..	4	120	20	440	24	560	—	—	—	—	—	—	2	80	5	230	7	310	31	870
Total	21	584	159	3387	180	3971	8	425	22	1177	30	1602	29	1730	51	3600	80	5330	290	10913

R 487 a



OL 500/50 Size: 1330×2076 mm.
The width is increased by 710 mm. for each additional fifty lines.

R 485 a



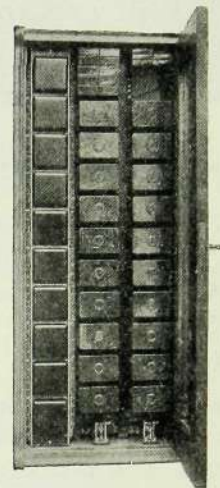
DB 250



R 489 a

DE 500

R 483



OL 20 Size: 886×920 mm.

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NUMMERTAVLOR

Ericsson Annunciators, Vienna model.

Obtainable through all the
branches and agencies of:

Indicateure "ERICSSON" Wien.

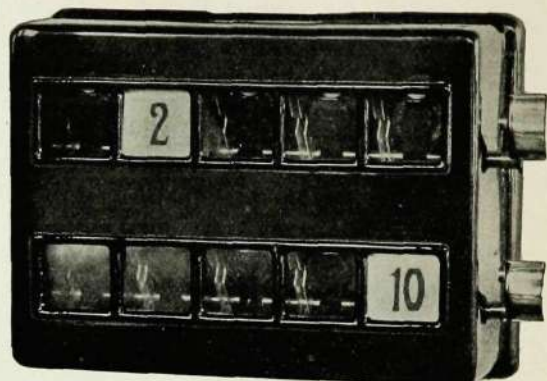
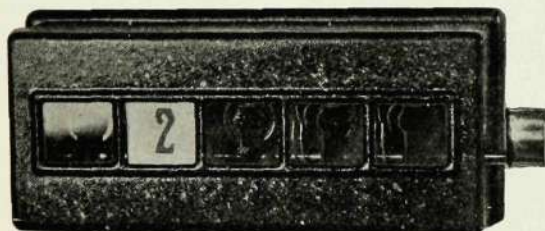
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Dessa nummertavlor erbjuder följande fördelar framför andra i marknaden förekommande:

1. Utförandet är elegant och kompakt. Erfordra ett minimum av utrymme på väggen.
2. De funktionera med precision och säkerhet.
3. De äro billigare än varje annan modell av samma typ.

4. Deras ringa vikt reducerar frakto- o. tullomkostnaderna till ett minimum.
5. Då mekanismen är inmonterad i järnplåtstomme är transportskada nästan utesluten.
6. Större anläggningar utföras lätt genom

- sammankoppling av fem- eller tio-nummers typer.
7. De arbeta för batteristrom 3 volt (två torrelement) eller för transformerad växelstrom 5—8 volt.
 8. Fälld nummerbricka upplyftes enkelt genom tryck på handtaget.

These Annunciators offer the following advantages:

1. Being both neat and compact, they require but small wall space.
2. They function with precision and reliability.
3. They are cheaper than other makes of this type.
4. Their light construction reduces charges for transportation and customs to a minimum.
5. The strong metal cases afford ample protection for the mechanisms during transportation.
6. Installations exceeding ten numbers may easily be arranged by combining two or more annunciators.
7. They work with a 3-volt battery current or with a 5 to 8 volt transformed alternating current.
8. The shutters are easily restored by merely giving the corresponding lever a slight downward pressure.

Diese Indicateure bieten folgende Vorteile:

1. Da sie nett und klein gearbeitet sind, brauchen sie wenig Platz an der Wand.
2. Sie funktionieren präzise und verlässlich.
3. Sie sind billiger als jedes andere Modell dieser Type.
4. Da sie leicht an Gewicht sind, sind Fracht und Zollspesen minimal.
5. Da die Mechanismen in Eisengehäuse eingebaut sind, sind sie vor Transportbeschädigungen geschützt.
6. Grössere Anlagen können leicht durch Kombination von fünf- oder zehnummerigen Typen hergestellt werden.
7. Sie arbeiten mit Batteriestrom, 3 Volt (2 Elemente) oder mit transformiertem Wechselstrom von 5—8 Volt.
8. Das Zurückstellen einer Nummer erfolgt einfach durch Zurückdrücken des Griffes.

Ces Tableaux indicateurs offrent les avantages suivants:

1. Accrochés au mur, ils ne prennent que peu de place en raison de leur élégance et de leur petitesse.
2. Ils fonctionnent avec précision et sûreté.
3. Ils coûtent moins cher que tout autre modèle du même type.
4. Leur légèreté fait que les frais de transport et de douane sont réduits au minimum.
5. Le mécanisme est protégé par une boîte en fer et il ne peut ainsi être endommagé pendant le transport.
6. Il est facile de réaliser des installations plus importantes en combinant des types de cinq à dix guichets.
7. Ils travaillent avec un courant continu de 3 volts (2 piles) ou avec un courant alternatif transformé entre 5 et 8 volts.
8. La remise en place des numéros se fait facilement par une simple pression sur le levier.

Typ Type	För nummer Number of lines Für Nummern Nombre de guichets	Codeord Code word Kabelwort Code	Grundplätens dimension Dimensions of back plate Grösse der Grundplatte Largeur de la plaque mm	Stommens djup Total depth Tiefe des Kastens Profondeur de la boîte mm	Vikt Weight Gewicht Poids kg	Pris Price Preis Prix
RP 130 w/5	5	Reteg	157×71	53	0.50	På begäran On request Auf Verlangen Sur demande
RP 130 w/10	10	Revel	157×121	53	0.92	