

Aktiebolaget L. M. Ericsson & Co.

STOCKHOLM · SWEDEN



Aktiebolaget L. M. Ericsson & Co.

STOCKHOLM (SWEDEN)

WORKS: 5, 15, 17 & 19 TULEGATAN

OFFICE: 18 DÖBELNSGATAN

TELEPHONE SWITCHBOARDS
AND
ACCESSORIES

TELEGRAPHIC ADDRESS: MIKROFON

CODES USED: WESTERN UNION, A B C, 4th AND 5th EDITIONS, LIEBER'S AND A 1.



GÖTEBORG 1913

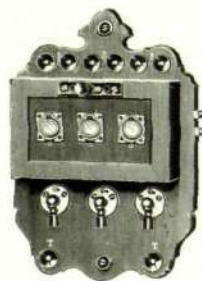
WALD. ZACHRISSONS BOKTRYCKERI A.-B.



No. 466

Switch for three single lines

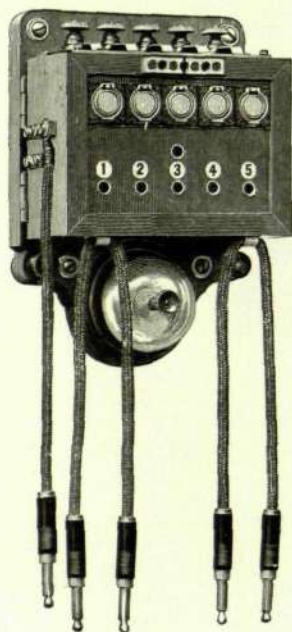
No. 466. Weight 1,48 ko. Code word: Extricate.



No. 750

Switch for three metallic circuits

No. 750. Weight 1,35 ko. Code word: Moqueado.



Nos. 467—472.

Wall Switches

No.	467	468	469	470	471	472
Number of single lines	4	5	6	8	10	12
Weight ko.	2,2	2,6	2,6	3,1	3,6	4,3
Number of pairs of cords with plugs	2	2	2	3	3	4
Code word	Exuberance	Exuberate	Exudation	Exuding	Exultant	Exultingly

N:o	555	556	557	558	559	560
Number of metallic circuits	4	5	6	8	10	12
Weight ko.	2,2	2,6	2,7	3,2	3,6	4,3
Number of pairs of cords with plugs	2	2	2	3	3	4
Code word	Humpback	Hunger	Hungering	Hungrily	Hunting	Huntress

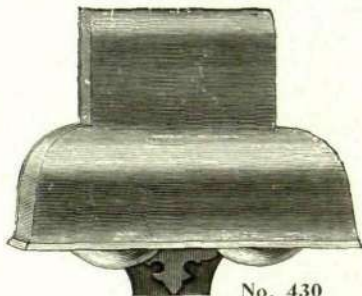


No. 425

Extension Bells

- No. 425 with 300 ohms resistance.
Code word: **Currycomb.**
- No. 426 with 1000 ohms resistance.
Code word: **Currying.**
- No. 427 with 2000 ohms resistance.
Code word: **Cursor.**

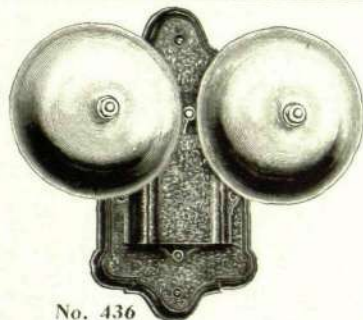
Large Extension Bells



No. 430

- No. 430 with cover; the resistance is 300 ohm.
Code word: **Curtail.**
- No. 431 without cover; the resistance is 300 ohm.
Code word: **Curtailing.**
- No. 432 with cover; the resistance is 1000 ohm.
Code word: **Curtilage.**
- No. 433 with cover; the resistance is 2000 ohm.
Code word: **Curtness.**

Large Extension Bells



No. 436

- No. 436 with cover; the resistance is 300 ohm.
Code word **Curvature.**
- No. 437 without cover; the resistance is 300 ohm.
Code word: **Cushion.**
- No. 438 with cover; the resistance is 1000 ohm.
Code word: **Cuspedate.**
- No. 439 with cover; the resistance is 2000 ohm.
Code word: **Cuspidate.**



No. 419

Battery Bell

- No. 419 with 40 ohms resistance
Code word: **Curious.**

Handmicrotelephones

for wall and table telephones with cradle switch.

a) Without battery key in the handle.



No. 531

No. 531 with 4-way cord No. 2050 and special connecting loops.
Code word: **Huge**.

No. 529 with 4-way cord No. 2061 and 4-way plug.
Code word: **Hueless**.

No. 505 with 5-way cord No. 2067 and 5-way plug with jack. The receiver is differentially wound. Code word: **Gurnard**.

b) With battery key in the handle.

No. 520 with 4-way cord No. 2052 and special connecting loops. Code word: **Hovel**.

No. 491 with 4 way cord No. 2052 and 4-way plug with jack.
Code word: **Guessing**.

No. 500 with 5 way cord No. 2066 and 5-way plug with jack.
The receiver is differentially wound.
Code word: **Gunnery**.



No. 520.

c) With switch and battery key in the handle.



No. 525

No. 525 with 4-way cord No. 2142 and special connecting loops.

Code word: **Hubbub.**

No. 523 with 4-way cord No. 2182 and 4-way plug.

Code word: **Howker.**

d) For portable telephones.

No. 492 with 4-way waterproof cord No. 2162 and switch in the handle. For telephone No. 390.
Code word: **Guidance.**

No. 493 with 4-way waterproof cord No. 2142 A and switch in the handle. For telephone No. 391.
Code word: **Guidepost.**

Handmicrotelephones

fitted with a suspending eye.

a) Without battery key in the handle.

No. 532 with 4-way cord No. 2050 and special connecting loops.
Code word: **Hugeness.**

No. 530 with 4 way cord No. 2061 and 4-way plug.
Code word: **Huffish.**

No. 510 with 5-way cord No. 2067 and 5-way plug with jack.
The receiver is differentially wound.
Code word: **Gymnast.**



No. 530.

b) With battery key in the handle.

No. 521 with 4-way cord No. 2052 and special connecting loops. Code word: **Hovering**.

No. 515 with 4-way cord No. 2126 and 4-way plug. Code word: **Houseleek**.

No. 494 with 4-way cord No. 2052 and 4-way plug with jack. Code word: **Guis**.

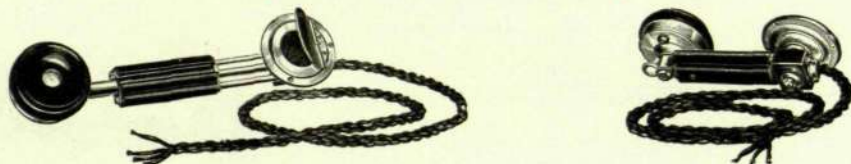
No. 501 with 5-way cord No. 2066 and 5-way plug with jack. The receiver is differentially wound.
Code word: **Gunshot**.

c) With switch and battery key in the handle.

No. 522 with 4-way cord No. 4142 and special connecting loops. Code word: **Howitzer**.

No. 524 with 4-way cord No. 2182 and 4-way plug. Code word: **Howling**.

Telescopic Handmicrotelephone



No. 496

with 4-way cord No. 2159. For portable telephones Nos. 392 & 394. Code word: **Gullyhole**.



Nos. 540 & 541

Operators' Instruments

No. 540 Breastplate transmitter with 5-way cord No. 2065.

Weight 0,44 ko. Code word: **Humbleness.**

No. 541 Differentially wound head gear receiver with 3-way cord No. 2043.

Weight 0,26 ko. Code word: **Humbler.**

No. 535 Breastplate transmitter with 4-way cord No. 2054.

Weight 0,4 ko. Code word: **Hulver.**

No. 536 Head gear receiver with 2-way cord No. 2041.

Weight 0,25 ko. Code word: **Human.**

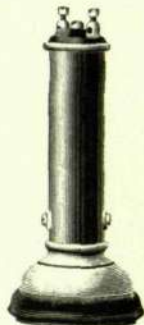
Head gear receiver

differentially wound with 3-way cord No. 2042. Weight 0,13 ko. Code word:
Humbling.



No. 542

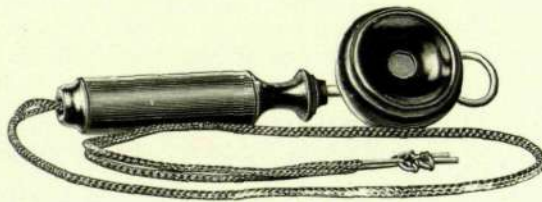
Receivers



No. 545



No. 547



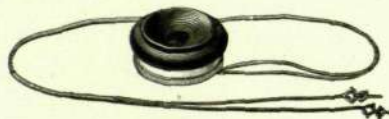
No. 549



No. 550



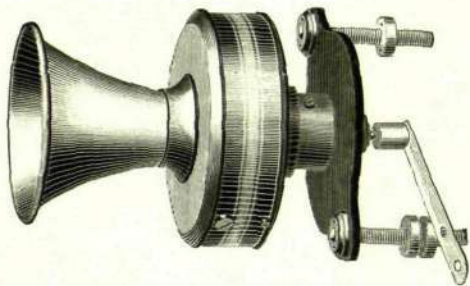
No. 551



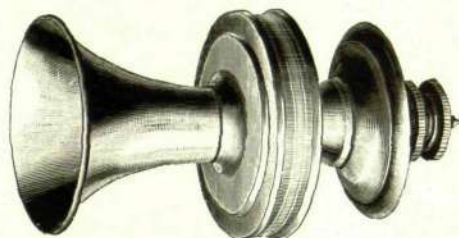
No. 552

- No. 545 without cord. Code word: **Humid.**
 No. 546 with cord No. 2030. Code word: **Humidness.**
 No. 547 without cord. Code word: **Humiliate.**
 No. 548 with cord No. 2030. Code word: **Humility.**
 No. 549 with cord No. 2036. Code word: **Humming.**

- No. 550 Watch receiver with cord No. 2094.
 Code word: **Humoral.**
 No. 551 Watch receiver with cord No. 2035 with tags or
 cord No. 2113 with loops. Code word: **Humorific**
 No. 552 Pocket receiver with cord No. 2036.
 Code word: **Humorist.**



No. 575



No. 576

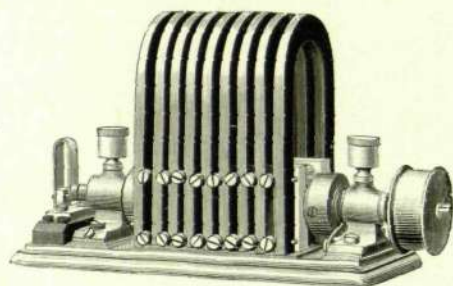
Carbon Grain Transmitters

No. 570 without bracket for use on telephones of our manufacture. Code word: **Hushaby.**

No. 571 with bracket for use on telephones of our manufacture. Code word: **Huskiness.**

No. 575 with bracket for substituting the Blake transmitter on Bell telephones. Code word: **Hyacinth.**

No. 576 for substituting the Blake transmitter on Bell telephones. Code word: **Hyalite.**

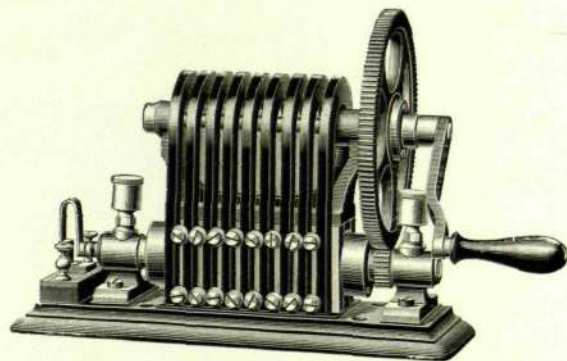


No. 475

Large Generators

No. 475 for 60—70 volts. Code word: Eyeglass.

No. 476 for 80—90 volts. Code word: Eyelash.

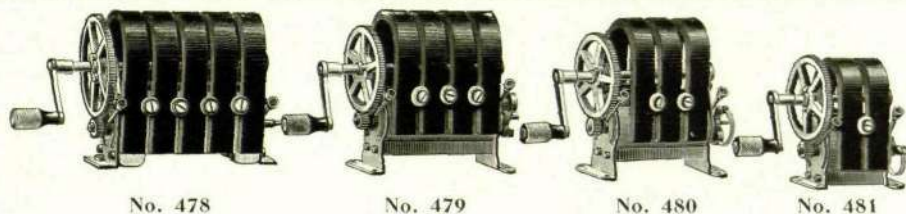


No. 477

Large Handgenerator

will ring through 30 bells shunted on the line

Code word: Eyelet.



Magneto-Generators

No. 478 with five magnets.

Code word: **Eyelids.**

No. 482 similar to No. 478, but with the spindle movable in a longitudinal direction.

Code word: **Groundrent.**

No. 479 with four magnets.

Code word: **Eyesight.**

No. 483 similar to No. 479, but with the spindle movable in a longitudinal direction. For table telephones.

Code word: **Groundsel.**

No. 484 similar to No. 479, but with the spindle movable in a longitudinal direction. For wall telephones.

Code word: **Grubbing.**

No. 480 with three magnets.

Code word: **Eyesore.**

No. 486 similar to No. 480, but of a weaker construction.

Code word: **Gruel.**

No. 487 similar to No. 480, but with the spindle movable in a longitudinal direction. For table telephones.

Code word: **Gruelpot.**

No. 488 similar to No. 480, but with the spindle movable in a longitudinal direction. For wall telephones.

Code word: **Grumbling.**

No. 481 with two magnets.

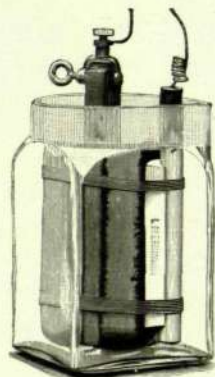
Code word: **Groundplot.**

No. 489 similar to No. 481, but with centrifugal short-circuiting arrangement.

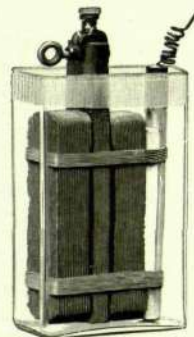
Code word: **Guardedly.**



No. 485



No. 585



No. 590

Testing Sets

No. 485 with 3-magnet generator and bell.

Weight 3,34 ko. Code word: **Grudgeons**.

No. 446 with 5-magnet generator in a wooden case.

Weight 4,9 ko. Code word: **Cutlet**.

No. 447 with 3-magnet generator in a wooden case.

Weight 3,8 ko. Code word: **Cutpurse**.

Leclanché Cells

No. 585. Dimensions 160×95×95 mm. This size is suitable for large size wall telephones. 120 grammes of sal ammoniac to be used.

Weight 1,20 ko. Code word: **Hydrology**.

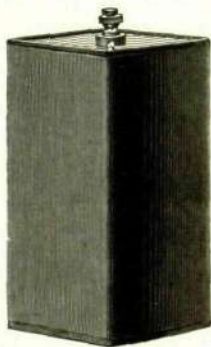
No. 590. Dimensions 150×95×55 mm. This size is suitable for ordinary and small size wall telephones. 60 grammes sal ammoniac to be used.

Weight 0,90 ko. Code word: **Hymeneal**.

Dry Cells

No. 595. Dimensions $160 \times 85 \times 85$ mm. For large size telephones.

Weight 1,40 ko. Code word: Hypnology.



No. 595

No. 596. Dimensions $170 \times 95 \times 50$ mm. For ordinary and small size wall telephones.

Weight 1,0 ko. Code word: Hypocaust.



No. 596



No. 597



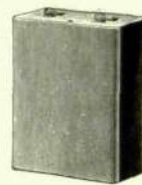
No. 600



No. 601



No. 602



No. 603

Dry Cells

No. 597. Dimensions 160×72 mm. (oval shaped). For telephone No. 361.

Weight 1,2 ko. Code word: **Hipocrisy.**

No. 600. Dimensions 125×55×55 mm. For portable telephones Nos. 390 and 391.

Weight 0,56 ko. Code word: **Hypotheca.**

No. 601. Dimensions 125×40×40 mm. For portable telephone No. 390 (old pattern).

Weight 0,27 ko. Code word: **Hypothesis.**

No. 602. Dimensions 95×60×30 mm. For portable telephone No. 394.

Weight 0,29 ko. Code word: **Hyssop.**

No. 603. Dimensions 95×70×37 mm. For portable telephone No. 392.

Weight 0,355 ko. Code word: **Hysteria.**



No. 845

Meidinger's battery

No. 845. Dimensions 177×117 mm.

Weight 1,44 ko. Code word: Mugolava.



No. 420

Battery boxes

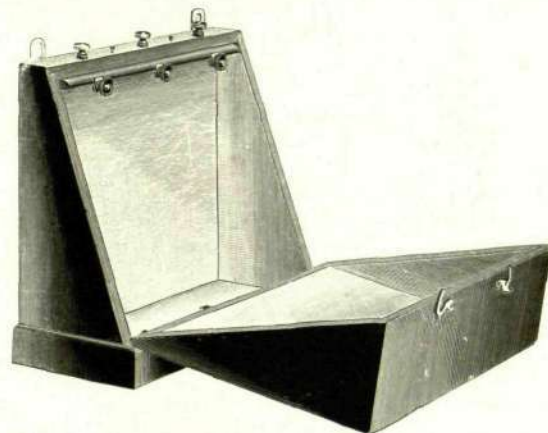
for Leclanché or dry cells.

No. 420 for two cells No. 590 or 596

Code word: Curled.

No. 421 for two cells No. 585 or 595.

Code word: Curly.



No. 422

No. 422 for three cells No. 585 or 595.

Code word: Curmudgeon.

No. 423 similar to No. 422, but for four cells No. 585 or 595.

Code word: Currency.



No. 605



No. 606

Switches

No. 605. Single-pole 2-way. Code word: *Irksome*.

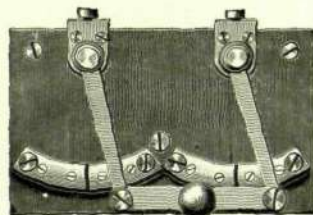
No. 606. Single-pole 3-way. Code word: *Ironed*.

No. 611. Single-pole 4-way. Code word: *Ironmonger*.

No. 607. Double-pole 2-way. Code word: *Irongate*.

No. 608. Double-pole 3-way. Code word: *Ironholder*.

No. 609. Double-pole 4-way. Code word: *Ironically*.



No. 607



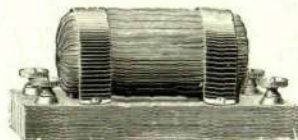
No. 611



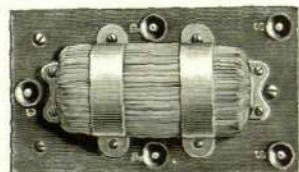
No. 612



No. 610



No. 615



No. 620

Circular Selector Switch

No. 612 for 5 contacts. Code word: **Ironmould.**
Obs. Made for any number of lines.

Key

No. 610. Code word: **Ironman.**

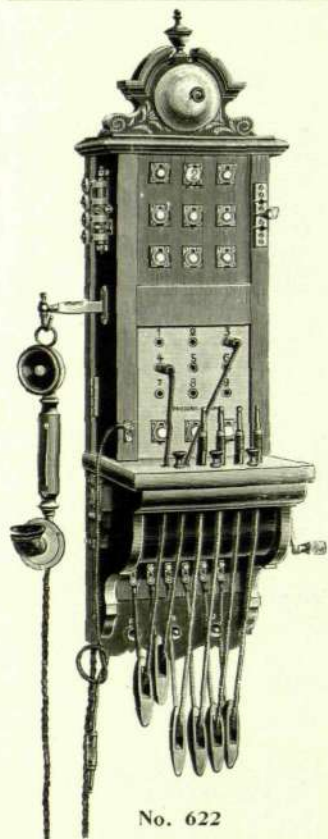
Translators

No. 615 intended for use between single and metallic circuits.

Code word: **Irregular.**

No. 620 intended for duplex working

Code word: **Irritant.**



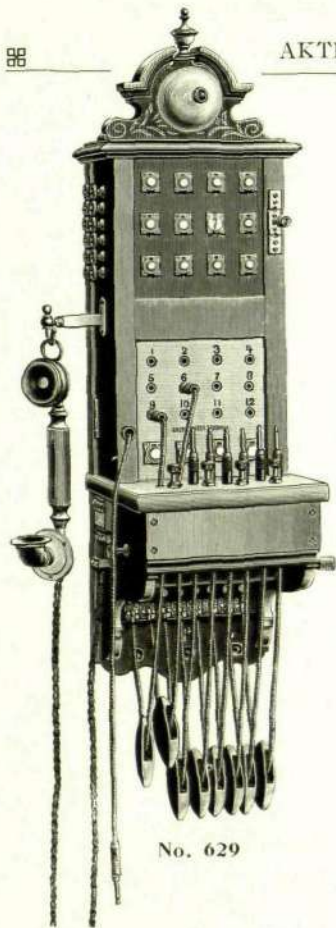
No. 622

Wall-Pattern Switchboard

for earth-circuit lines

with handmicrotelephone No. 494, cord No. 2052, generator and night bell.

N:o	621	622	623	624	625	626
Number of lines	6	9	12	16	20	25
Height in metres	0,76	0,85	0,85	0,93	0,95	1,03
Width of board, metres	0,26	0,26	0,26	0,27	0,30	0,30
Weight ko. about	12,5	14,5	16	17,5	20	22,5
Number of pairs of cords	2	3	4	4	5	5
Code word	Irritated	Irruptive	Isinglass	Islam	Islamic	Islander



No. 629

Wall-Pattern Switchboard

for metallic circuit lines

with handmicrotelephone No. 494, cord No. 2052, generator and night bell.

No.	627	628	629	630	631	632
Number of lines	6	9	12	16	20	25
Height in metres	0,76	0,85	0,85	0,93	0,95	1,03
Width of board, metres . .	0,26	0,26	0,26	0,27	0,30	0,30
Weight ko. about	14	15	17,5	19	22	24
Number of pairs of cords	2	3	4	4	5	5
Code word	Islet	Isolate	Isosceles	Issuing	Isthmian	Isthmus



No. 636

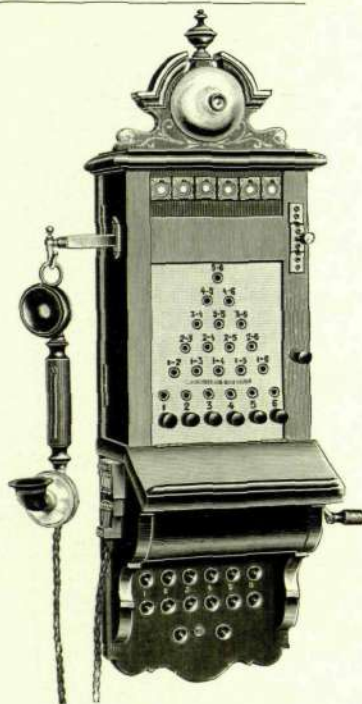
Wall-Pattern cordless Switchboard

for metallic-circuit lines.

In the small sizes, three to six lines inclusive, we make these boards with keys instead of plugs and jacks. In this case the operations consist of depressing and releasing keys. This latter form necessitates the use of a separate operating instrument, as it is not fitted with generator and handmicrotelephone like the other.

The switchboards Nos. 638—642 are provided with handmicrotelephone No. 494, cord No. 2052 and generator. All types are fitted with night bell.

No.	635	636	637	75I	638	639	640	64I	642
Number of lines	3	4	5	6	5	6	10	12	15
Height in metres	0,37	0,37	0,44	0,44	0,72	0,72	0,84	0,90	1,08
Width of board, metres	0,18	0,18	0,23	0,23	0,25	0,25	0,34	0,40	0,49
Weight ko. about	3,5	3,8	5,1	5,1	11,5	13	18,5	21,7	28,5
Code word	I terate	I tine-rant	I vory	M oqui-fero	I vy	M inu-taglia	M ira-trix	M irra-stes	M irti-dano



No. 639

Standard Switchboard

for earth-circuit lines

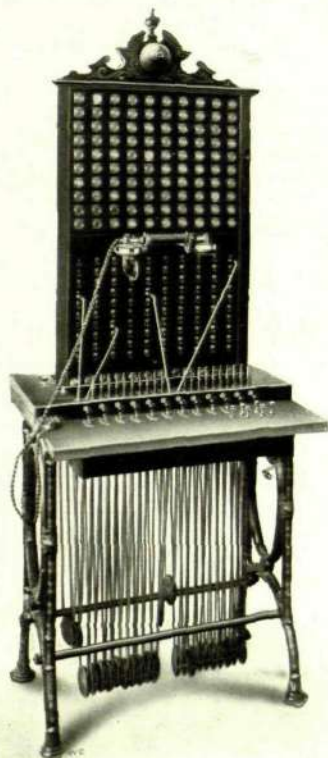
with handmicrotelephone No. 490, cord No. 2052, generator and night bell.

	No.	645	646
Number of lines		50	100
Height in metres		1,58	1,73
Width of board, metres . .		0,56	0,66
Weight ko. about		69	82,5
Number of pairs of cords . .		10	12
Code word		Miscidato	Miscredo

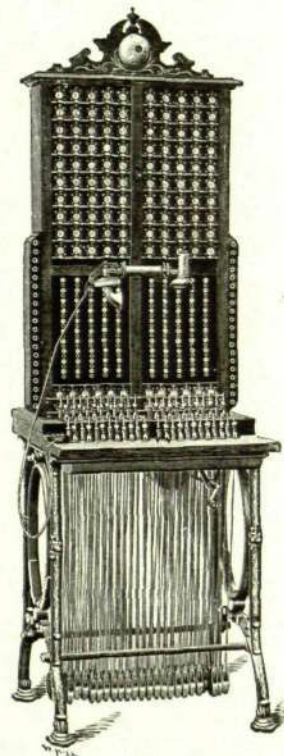
Standard Switchboard

for 100 single lines

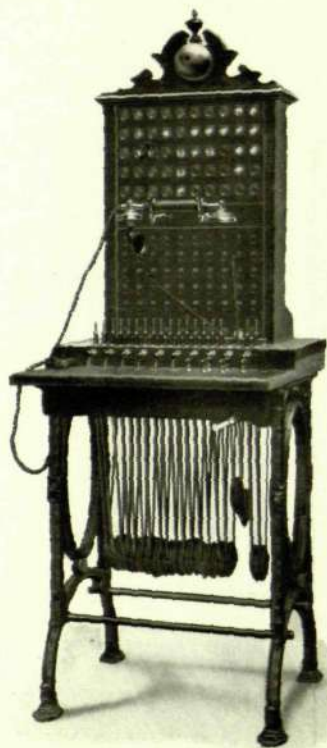
No. 650 with handmicrotelephone No. 490, cord No. 2052, generator and night bell.
Weight about 97 ko. Code word: mispregio.



No. 646



No. 650



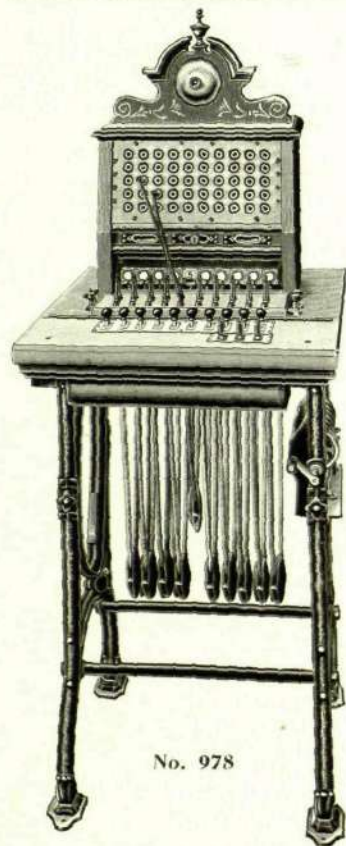
No. 664

Standard Switchboard

for metallic-circuit subscribers' lines

with handmicrotelephone No. 490, cord No. 2052, generator and night bell.
Nos. 752 and 666 are built for two operators' positions.

	No. 660	661	662	663	664	665	752	666
Number of metallic circuits	20	25	30	40	50	100	100	160
Height in metres	1,51	1,51	1,51	1,57	1,58	1,72	1,61	1,70
Width of board, metres	0,43	0,43	0,43	0,56	0,56	0,66	0,93	0,97
Weight ko. about	54,5	56	57	65,5	70	85	104	109,5
Number of pairs of cords . . .	5	5	6	8	10	12	12	20
Code word	Mito- logo	Mit- regent	Mitri- ava	Mobi- liter	Moca- dero	Mocco- lino	Morab- tano	Mocen- bais



No. 978

Switchboard with mechanically selfrestoring indicators

for metallic circuits

with handmicrotelephone No. 490, cord No. 2052, generator and night bell.

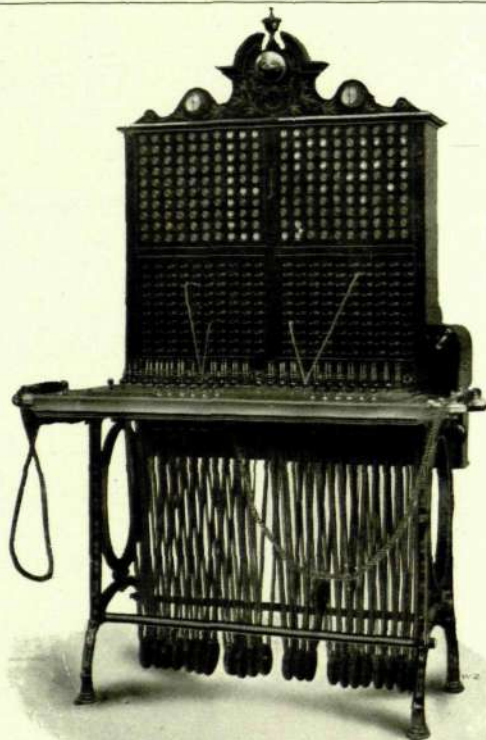
No.	975	976	977	978
Number of metallic circuits	25	30	40	50
Height in metres	1,32	1,32	1,32	1,32
Width of board in metres	0,51	0,51	0,51	0,51
Weight in ko. about	62,0	63,5	66,5	70,0
Number of pairs of cords	5	6	8	10
Code word	Tintenague	Tinterada	Tinterai	Tinterazo

Switchboard

for metallic-circuit lines

with handmicrotelephone No. 490, cord No. 2052, generator and night bell.

	N:o.	667	668	669
Number of metallic circuits		50	100	200
Height metres		1,62	1,68	1,97
Width of board, metres		0,58	0,97	1,08
Weight ko. about		77	114	173
Number of pairs of cords		10	16	24
Code word		Moceto- nas	Mocha- dura	Mochi- ler

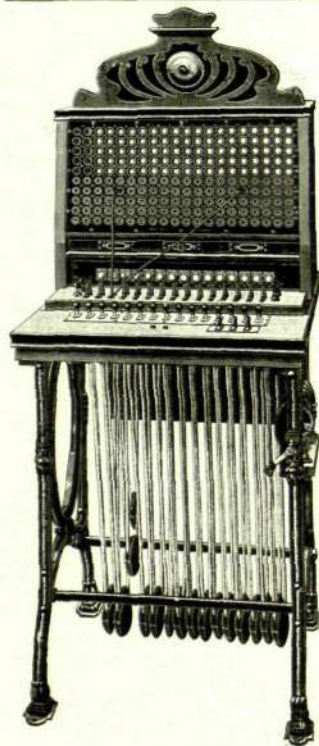


No. 659

Switchboard with mechanically selfrestoring indicators

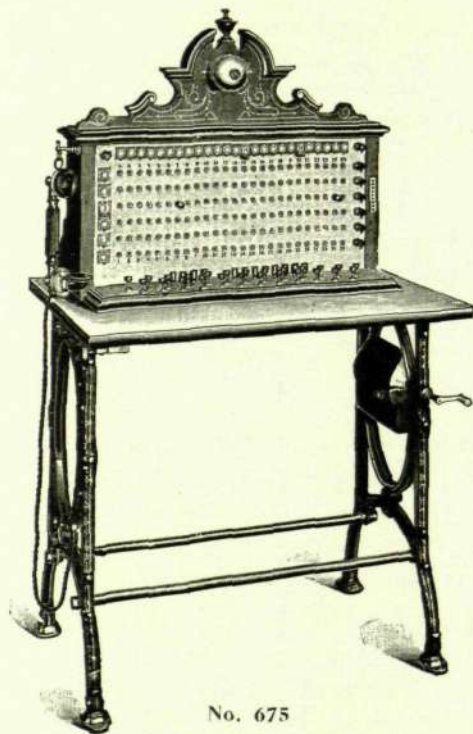
for metallic circuits

with handmicrotelephone No. 490, cord No. 2052, generator and night bell. No. 980 is provided with indicators for 100 lines only, but allows the mounting of further 100 lines.



No. 980

No.	979	980	981
Number of metallic circuits	100	100	200
Height in metres	1,35	1,42	1,42
Width of board in metres	0,58	0,58	0,58
Weight in ko. about	95	98	116
Number of pairs of cords.....	10	10	15
Code word	Tinternell	Tinteros	Tintilano



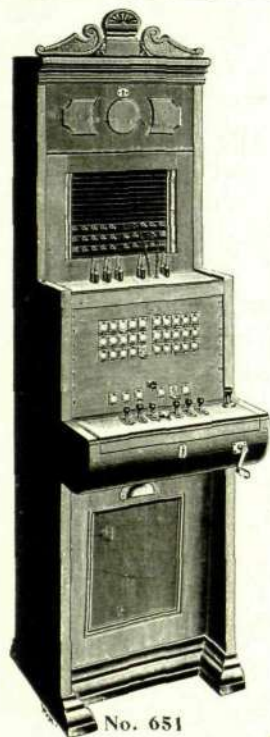
No. 675

Standard cordless Switchboard

for metallic circuits

with handmicrotelephone No. 494, cord No 2052, generator and night bell.

	No.	655	656	657
Number of lines		10	16	25
Height in metres		1,32	1,49	1,39
Width of board, metres		0,61	0,66	0,81
Weight ko. about		50	59	69
Number of horisontal rows for operation		4	5	6
Code word		Misven	Miterone	Mit- escant

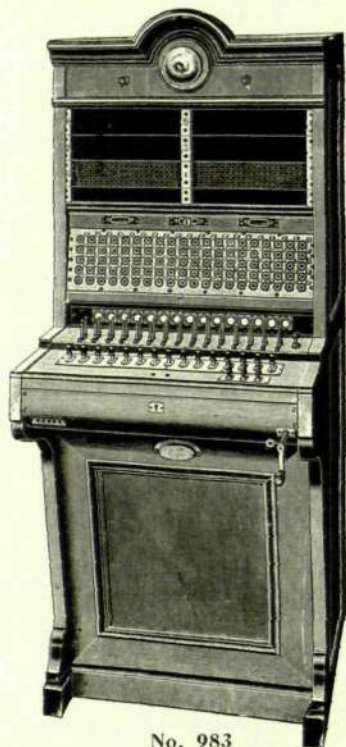


Standard Switchboard enclosed pattern

for metallic circuits

with handmicrotelephone No. 494, cord No. 2052, generator and night bell.

	No.	651	652	653	654
Number of metallic circuits		30	40	50	100
Height in metres		1,64	1,64	1,64	1,69
Width of board, metres		0,46	0,46	0,46	0,64
Weight ko. about		61	65	69	104
Number of pairs of cords		6	8	10	12
Code word		Misturaste	Misturavel	Misuriamo	Misvengono



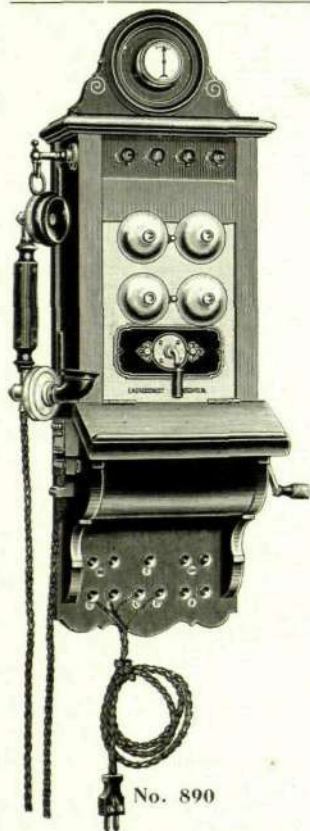
No. 983

Switchboard with mechanically selfrestoring indicators

for metallic circuits

with handmicrotelephone No. 494, cord 2052, generator and night bell

	No. 982	983
Number of metallic circuits	50	100
Height in metres	1,50	1,53
Width of board in metres	0,45	0,60
Weight in ko. about.....	70	106
Number of pairs of cords	10	15
Code word	Tintinnito	Tithonia



No. 890

Testing set

No. 890 with handmicrotelephone No. 522,
cord No. 2142, 4-way plug, galvano-
meter, 5-magnet generator 478, two
bells and 3-way switch.

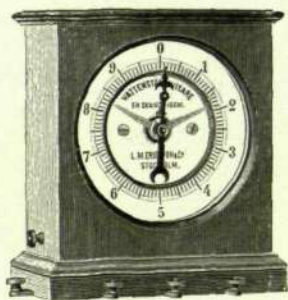
Code word: **Murcharas.**

Time check

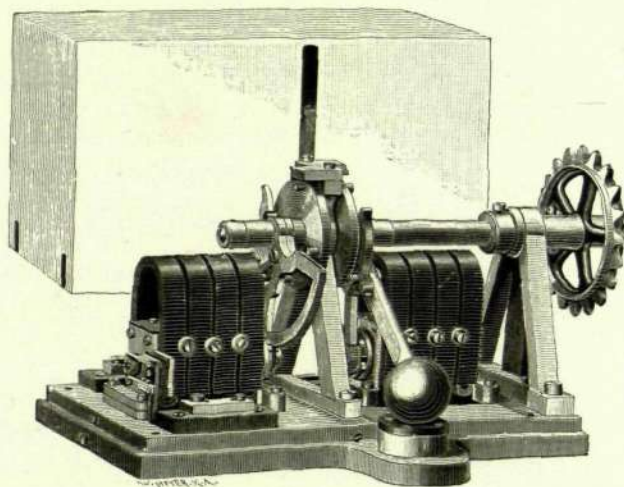
No. 1930



No. 1930



No. 1050

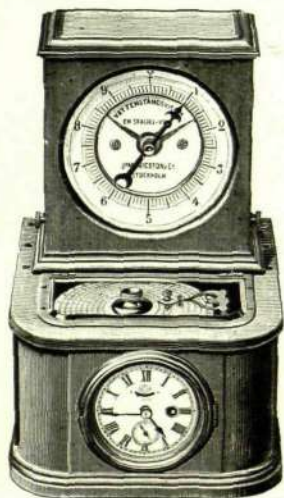


No. 1055

Water-level-Indicator

No. 1050 Code word: Trabalis.

No. 1055 Code word: Trabecula.



No. 1058

Indicating Apparatus

Code word: Trabondare.



No. 1060

Watchmen's Tell-tale

No. 1060 Code word: Tracalero.

No. 1070 with alarm bell.

Code word: Trafagonas.



No. 1065 No. 1066

Contact Box for
Watchmen's Tell-tale

Code word: Tracortese.

Key

for No. 1065.

No. 1066 Code word: Traccotante.



TRADE MARK