

# EDWARD MARCUS LTD.

*Optical, Nautical and Scientific Instruments*

38, QUEEN VICTORIA STREET, LONDON, E.C.4

Telephone: CITY 3124

And at 46, Liverpool Street, London, E.C.2

Telephone: AVENUE 5622

TELEGRAMS FOR U.K. "BINOCULARS STOCK LONDON"  
TELEGRAMS FOR ABROAD "BINOCULARS LONDON"

**MB**

A personal message from Edward Marcus, F.S.M.C.

The delight in using fine binoculars is greatly enhanced when they are correctly suited to the work you want them to do.

The first portion of this catalogue has therefore been devoted to explaining some of the technicalities of binocular design, how to interpret the various specifications and what they mean to you in binocular performance.

Much is already known by quite a number of viewers but for those who may be interested for the first time we provide a useful guide in the selection of a delightful instrument which is probably going to last a lifetime.

You probably know of us already as the house for BINOCULARS where we have the greatest range of all new and second-hand models, and if you would like to have the latest list, just send a card or a telephone message.

If an instrument which we send does not meet with your approval, please return it to us as you can and post the postage and return charges always refunded. All instruments despatched post free.

# BINOCULARS

MB



## HOW TO CHOOSE YOUR MODEL

Choosing a binocular is like choosing a car. It depends on your own personal needs in the matter. Just as some cars will give you speed and performance and others will give you running economy, so binoculars can be chosen to give high power or a wide field at the expense of other equally desirable features.

Any binocular is a compromise between somewhat conflicting requirements and the best binocular to choose is the one which affords, in greatest measure, the particular features you desire.

The prospective buyer will have gained a fair understanding of the function of binoculars from a study of the preceding pages and will be in a better position to assess the suitability or otherwise of the many types of binocular which are available.

First of all, and this applies generally to any binocular for whatever purpose it is required, choose the magnification which is adequate for your needs. Having established the magnification such considerations as weight and bulk, light gathering power and field of view will narrow the choice to one or two models from which your final selection will be made.

Obviously the application of various binoculars overlaps to a considerable extent and it is, therefore, not wise for a manufacturer to be too specific. A general guide to suitable glasses for various purposes is given below. What will be obvious from this is that the more general purpose glasses fall within the 7 × and 10 × range.

If we take as examples, three extreme applications it



# CHR. BECK & SÖHNE KG KASSEL

MANUFACTURERS OF PRECISION INSTRUMENTS AND OPTICS

FOUNDED 1892

Over 60 years of experience stand behind the fine line of prismatic binoculars carrying the trade mark of



Skilled craftsmanship of specialists associated with our firm for many years assure the finest precision work. Careful selection of the very finest materials is another important factor in the manufacture of these world-renowned binoculars. The sportsman, the hunter, the outdoor man, tourists and sightseers, scientists and professional men, members of the armed forces – all appreciate the high quality of these outstanding binoculars.

Three factors guarantee maximum efficiency:

1. Modern design – compact, handy to use. Light as a feather – not burdensome even during long periods of viewing.
2. Constructed by master craftsmen. After many years of constant use the CBS binoculars will still be as optically accurate and operate as smoothly as the day they were purchased.
3. A highly developed optical system with maximum light transmitting power assures sharply defined images with a strong stereo effect and wide field of view.

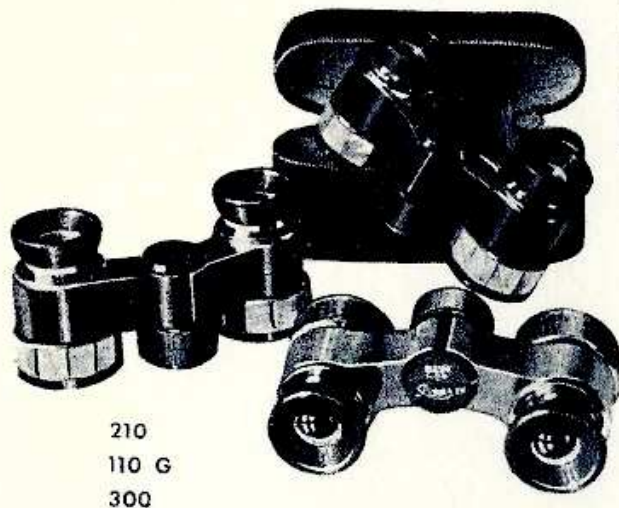
You can put your confidence in our many years of experience and research. The users of our CBS prismatic binoculars enjoy a lifetime of efficient service with greater pleasure.



| <i>Model</i>              | <i>Exit Pupil mm</i> | <i>Lumino-sity</i> | <i>Field of view at 1000 yds.</i> | <i>Weight ozs.</i> |
|---------------------------|----------------------|--------------------|-----------------------------------|--------------------|
| <i>KOLIBRI 4 1/2 x 20</i> | 4,4                  | 19,4               | 175                               | 9                  |
| <i>KOBOLD 7 x 20</i>      | 2,86                 | 8,2                | 130                               | 9                  |
| <i>BESO 6 x 30</i>        | 5                    | 25                 | 150                               | 15                 |
| <i>MARE 8 x 30</i>        | 3,75                 | 14                 | 130                               | 15                 |
| <i>ZENITH 8 x 30WA</i>    | 3,75                 | 14                 | 150                               | 16                 |
| <i>DILECTO 6 x 36</i>     | 6                    | 36                 | 135                               | 17                 |
| <i>DIANA 8 x 40</i>       | 5                    | 25                 | 115                               | 19                 |
| <i>CONDOR 8 x 45</i>      | 5,6                  | 31,4               | 110                               | 20                 |
| <i>FAMA 10 x 45</i>       | 4,5                  | 20,3               | 105                               | 20                 |
| <i>LUCHS 7 x 50</i>       | 7,1                  | 51                 | 128                               | 31                 |
| <i>UHU 10 x 50</i>        | 5                    | 25                 | 128                               | 31                 |
| <i>SATURN 15 x 60</i>     | 4                    | 16                 | 56                                | 37                 |
| <i>MERCURY 20 x 60</i>    | 3                    | 9                  | 53                                | 37                 |
| <i>COMES 35 x 60</i>      | 1,72                 | 2,95               | 27                                | 36                 |
| <i>TORDALK 11 x 80</i>    | 7,2                  | 51,84              | 80                                | 55                 |

## »Carmen« Opera Glass

A jewel of an optical precision instrument.



210  
110 G  
300

|                                 |
|---------------------------------|
| With leather                    |
| With ornamental grooves         |
| With chrom.-plated chased rings |
| With mother-of-pearl finish.    |

|                            |          |
|----------------------------|----------|
| Field of view at 100 yards | 16 yards |
| Luminosity                 | 56       |
| Weight of binocular        | 165 g    |
| Weight of case             | 35 g     |
| Width of binocular         | 100 mm   |
| Height of binocular        | 48 mm    |
| Magnification              | 3 x      |
| Diam. of objective lenses  | 26 mm    |

From **EDWARD MARCUS LTD.**

Not much larger than a cigarette, and yet a masterpiece of precision, here it is, the smallest of our prismatic binoculars – the „KOLIBRI“. Easily handled, sharply and clearly defining the picture, showing up depth and colour to perfection, it will be your pleasant companion at the theatre, on your travels, in the hunting field, at sporting events.

How elegant it is! It lives in a smart leather case and you can carry it comfortably or tuck it away without its being in the least noticeable. A pocket binocular, it satisfies the most exacting demands.

Even at dawn or dusk, at a distance of 1000 yards its wide field of vision of 175 yards enables you to find your object quickly and clearly. Scrupulous care in the construction guarantees trouble-free adjustment and a life-time of service. „KOBOLD“, sister-glass to „KOLIBRI“, is of exactly the same size and shape. A magnification of 7 x 20 makes it particularly a glass for travel, the hunting field or sporting events.



Kolibri Kobold

|                            | Kolibri  | Kobold   |
|----------------------------|----------|----------|
| Magnification              | 4,5 x    | 7 x      |
| Diam. of objective lenses  | 20 mm    | 20 mm    |
| Exit pupil mm              | 4,4      | 2,86     |
| Luminosity                 | 19,4     | 8,2      |
| Angular field of view      | 9,6°     | 7,4°     |
| Field of view at 1000 yds. | 175 yds. | 130 yds. |
| Weight of binocular        | 260 g    | 260 g    |
| Weight of case             | 50 g     | 50 g     |
| Light value                | 90       | 140      |



# CHR. BECK & SÖHNE KG. KASSEL

Precision Instruments and Optics



SATURN  
15 x 60  
MERKUR  
20 x 60

### For Far Distances

three special models, "SATURN" 15 x 60, "MERKUR" 20 x 60, and "COMES" 35 x 60 are available. They have a high magnification and yet are light in weight, handy to use and give bright, clear vision.

They are of greatest usefulness to officials on tours of duty, for engineers, for scientists on research trips and expeditions, and for experts in need of professional, powerful "far distance" glasses.

Fully efficient performance when used on a strong base or stand. Tripod adapter available on request.



## MONOCULARS

These instruments are very popular among hunters and mountain climbers. They possess the same characteristics as the corresponding binoculars.



## TORDALK 11x80

|  |         |
|--|---------|
| Magnification . . . . .                | 11 x    |
| Diameter of objective lenses . . . . . | 80 mm   |
| Exit pupil . . . . .                   | 7.2 mm  |
| Luminosity . . . . .                   | 51.84   |
| Angular field of view . . . . .        | 4.6°    |
| Field of view at 1000 yds. . . . .     | 80 yds. |
| Weight of binocular . . . . .          | 55 ozs. |
| Weight of case . . . . .               | 33 ozs. |

**For Travelling, Hunting,  
Sports, Nature Study:**

*brilliant optical performance -  
they are faithful companions  
making your pastime more  
enjoyable:*

BESO 6x30

MARE 8x30

ZENITH 8x30 WA



**Specially designed for  
Hunting -**

*at dawn and dusk - consider-  
able luminosity, wide field of  
view, light, compact, very  
popular all over the world:*

CONDOR 8x45

FAMA 10x45



**Superb Performance -**

*in luminosity, field of view,  
magnification, the ideal  
"night glasses":*

LUCHS 7x50

UHU 10x50



**From EDWARD MARCUS LTD.**

**For Far Distances -**

*at the sea and in the  
mountains - useful for scientists  
and engineers:*

SATURN 15x60

MERCURY 20x60

COMES 35x60

TORDALK 11x80



*Use of tripod is recommended.*

# TWO NEW GLASSES

from **WRAY**

## WRAYVU 8 x 30

Fully Bloomed  
Centre Focusing  
Field of view 126 yards at 1,000  
Exit pupil 3.75 mm.  
Relative Brightness 19.6  
Weight 19 ozs.



From **EDWARD MARCUS LTD.**



## WRAYVU 9 x 40

Fully Bloomed  
Centre Focusing  
Field of view 96 yards at 1,000  
Exit pupil 4.4 mm.  
Relative Brightness 27.2  
Weight 24 ozs.



The MILLI 8 x 30 (312.20) is the ideal binocular for connoisseurs. Smart women everywhere choose our special model with white ivory trim to complement their costume.



**MB**



The MILLI 8 x 40 (312.25), of light weight and well balanced, with light transmission of 25, is the globe-trotter's favourite.

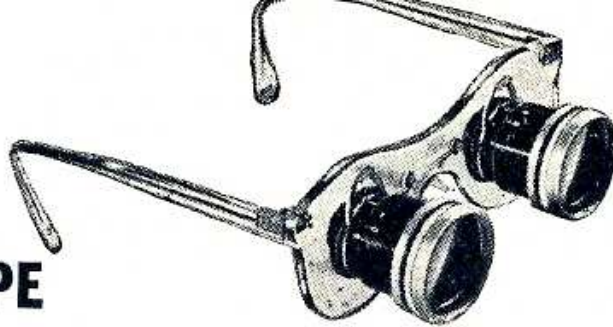


The MILLI 7 x 50 (312.10) with exceptional light transmission (51) is perfect for night observation.

| Series .....                   | 312 " MILLI " |        |        |        |        |        |
|--------------------------------|---------------|--------|--------|--------|--------|--------|
|                                | 312-10        | 312-20 | 312-26 | 312-30 | 312-35 | 312-43 |
| Ref. No. ....                  | 312-10        | 312-20 | 312-26 | 312-30 | 312-35 | 312-43 |
| Magnification .....            | x7            | x8     | x8     | x10    | x12    | x16    |
| Diameter of objective .... mm  | 50            | 30     | 40     | 50     | 50     | 50     |
| Exit pupil .....               | 7,1           | 3,7    | 5      | 5      | 4,1    | 3,1    |
| Light transmission .....       | 51            | 14     | 25     | 25     | 17,3   | 9,6    |
| Field in yards at 1000 yards.. | 130           | 150    | 150    | 120    | 95     | 77     |
| Weight with strap .....        | 1000          | 590    | 690    | 1050   | 1000   | 1130   |
| Weight of carrying case....    | 710           | 480    | 630    | 710    | 710    | 720    |



## THE SPORTSCOPE



Approved by leading British Opticians, the "Sportscope" Spectacle Binocular made by Dr. Wöhler is a precision-made model with transparent Perspex front and fitted with anodised coloured optical system mounts. With coated optics and lens systems which are easily adjustable for interpupillary distance, the "Sportscope" is the ideal instrument for the short-sighted, theatre or sporting occasion, both in or out of doors.

**MB**

## THE VIDA VUE VEST POCKET BINOCULAR

We have pleasure in offering this new Empire-made VIDA VUE Vest Pocket Binocular which retails at 42s. 0d. For many

of us this will be a reminder of the la Mignonne vest pocket binocular which was very popular some years ago, but which was priced out of the market in the intervening years.

Being Empire-made, it does not incur the normal 50 per cent customs duty, hence the low price of 42s. 0d. It is available in finishes : black, red, and blue. Each are boxed separately.



## THE NEW KRAUSS



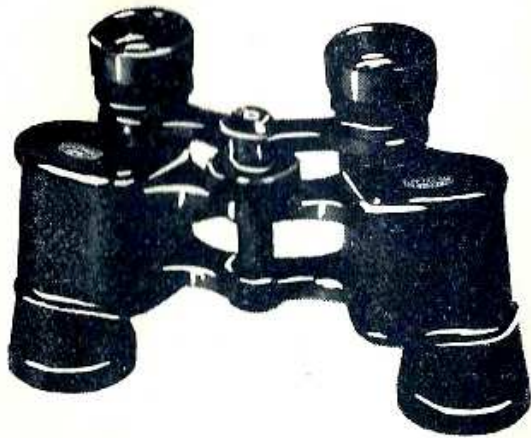
**16 × 50 Magnification**

Magnifying 16 times, these superb Glasses make an object 1,600 yards away appear to be only 100 yards distant. Ideal for Yachting, Natural History Study and all pursuits involving long distances. The 50 mm. object lens gives an extremely wide range of view and allows full light capacity to deal with difficult climatic conditions. Designed to meet the requirements of the connoisseur demanding the best obtainable in performance and build; the finest bloomed lenses of scientific perfection are employed. Complete in solid English leather case with lanyard and slings.

**Focusing : Centre Screw**

**Weight without Case : 45 ozs.**

**Size : 8½" × 8½"**



**KEINER  
WETZLAR**

**EXTRA  
LIGHT  
WEIGHT**  
Under 10 ozs.

These precision prismatic Binoculars are a product of the famous House of Keiner, Wetzlar.

8 x 30  
6 x 30

Complete in neat Leather Case.



Heavier model for the Traveller and Globe-trotter.

8 x 30

All Keiner Wetzlar Binoculars are Coated



Ideal for the Sportsman and Theatre-goer.

6 x 25  
8 x 25

Complete in neat slip-in leather case.

From **EDWARD MARCUS LTD.**

### FRENCH BINOCULARS

Central Focus. Lightweight.



8 x 25



10 x 35

8 x 30



## CANADIAN 7x50 with LARGE OCULAR LENS



A superfine official Canadian Prismatic Binocular as used in the B.U. ships. Made by the R.E.L. Co. of Canada. No. 57 G.A. Magnification 7x50

# COLMONT



EXTRA LIGHT WEIGHT  
PRISMATIC BINOCULAR

OPTICAL SYSTEM  
COATED

Magnification 8 x  
Objectives 30 mm.  
Field 120 at 1,000 yards  
Luminosity 14  
Weight approx. 16 oz.

**“ AVIATOR ”**  
(8 x 30 mm.)

# COLMONT

## PARIS

1846

EXTRA LIGHT WEIGHT  
PRISMATIC BINOCULAR

OPTICAL SYSTEM  
COATED

Magnification 8 x  
Objectives 32 mm.  
Field 110 at 1,000 yards  
Luminosity 16  
Weight approx. 18 ozs.

**"SENATOR"**

(8 x 32 mm.)



**MB**

EXTRA LIGHT WEIGHT  
PRISMATIC BINOCULAR

OPTICAL SYSTEM  
COATED

Magnification 10 x  
Objectives ... 35 mm.  
Field 100 at 1,000 yards  
Luminosity ... 12.25  
Weight ... 19 oz.  
approx

**"HELIUM"**

(10 x 35 mm.)

