

M INOX

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TPS@2021. NEC BIRMINGHAM STAND M205

Visit us at the NEC for a catch-up on the new Aluminium 8x11 Minox Cassettes. On our stand, we will have Minox 35 and 8x11 cameras, accessories, original Minox enlargers, projectors and developing tanks.

There will be one stand, two chairs, two display cases. I will be there for all three days: 18-21st September. There will be two star attractions to display.

8x11mm Aluminium Cassettes

The new cassettes have been prepared. Designed and zzzzzz in the UK

These re-usable cassettes have ‘caps’ rather than ‘hats’ of the 1970’ design. This means slightly larger cassettes to support 50 exposure films for the VEF Minox, Minox II, Minox III, and Minox B Customers with Minox LX class cameras will also have cassette support for the internal camera spring that eases the cassette out of the camera. This recess in the feed chamber was first introduced for 36 exposure cameras in 1968 for the Minox ‘C’. However, the recess was not used for cassette ejection until the Minox LX, 10 years later.

So we have designed a hybrid cassette for all models. The strength of modern materials and techniques gives the cassettes strength, and lightness of weight.

Compare with VEF and 1960’s aluminium cassettes, the modern version is much stronger.

The first 100 cassettes have been ordered: a show price is £49 each. These are guaranteed against defect. Like all cassettes, they are a tight fit in the VEF Minox, but even original unused VEF cassettes are a tight fit in the VEF Minox

We will go to the market for add ion al funding as demand increases. The marketing is that if we sell a customer a cassette they can refill themselves.

Minotar on Sony E-mount cameras

Just in time for the TPS we will show early production lens adapters. These will attach a classic Minox 35 Minotar F2.8 Tessar 4 element lens to a Sony E-mount camera body.

We have designed a new method attaching the original Minotar lens to an adapter that has a special re-engineering to attach the camera mount adapter to the back of the Minox lens. Unlike other conversions we have seen, which used glue, this lens/adapter combination has been precisely engineered to use the existing holes which attached the Minox 35 camera to the lens.

We have used some interesting features of the Minox 35 lens. Minotars on the E and G series have fully working apertures, no programmed mode. However we have designed the ‘P’ Programmed mode so that the adapted lens used in the

Minox ML/MB.MDC has an additional setting of a fixed aperture of F2.8. All other apertures are fully usable.

Focus points are unaffected. The lens will work with ‘live view’ and view-finder LED functions. The internal shutter of the Minotar lens has been disabled safely by our designers.

Results are very interesting: the lens is extremely sharp, but of lower contrast compared with modern lenses. The small size is an advantage.

Show prices are still being worked out. Each lens/adapter is hand-assembled, fully tested and is luxury product, targeted at users who used to use the old Minox film cameras, but have now migrated to high-quality Sony E-mount technology.

Best news is that at all the Minotar lenses we have used have come from un repairable cameras. A new lease of life.

CONTENTS

NEC TPS	P1
NEW PRODUCTS	P1
MINOTAR LENS ADAPTERS.....	P4
MINOX BINOCULARS.....	P3
PRICE LIST.....	P4-6

THE MYSTERIOUS '33' ON THE MINOX 35 GTZZWZ

Two cameras from Australia and New Zealand came in for repair recently. They had the same features:-

1. Aperture Ring not working
2. Shutter faults
3. A '33' sticker inside the camera

We have never seen this '33' sticker, and not had this particular aperture-related problem on any GT.

Both cameras have been repaired, and are on their way back to their owners, repaired and serviced.

Film Processing & Scanning of 8x11mm film

Prices of film refills are increasing from £5.99 to £7.99 from 01-September-2021. Prices are raw materials, the 35mm films we cut down have increased in price since January 2021. Kodak and Fuji films have increased to the point where slide film is almost £18 a roll. Slide films; new popularity with film-makers.

SCANNING 8X11 FILMS

Customers often ask why scanning of Minox and Disc negatives take us so long. This is a reasonable question, as all other formats can be seemingly scanned with no trouble.

Well, PAARZ had special analogue enlarging machines adapted to scan 8x11 negatives. You need:-

- A special enlarging lens (15mm focal length, 25mm as a minimum)
- A negative carrier that can hold the 8x11mm negative for all types 15mm lenses.
- Dust and scratch reducing glasses

PAARZ had this: Lab 8x11 tried, with a modified Fuji SP3000 scanner but could not scan black and white. We have an SP3000 ready for use, but need to buy a special carrier to allow Minox. Even that is 'manual positioning'. We expect the prints from a SP3000 to be better than the scans.

Although we offered our own processing and enlarging service from 2009, the results were not good enough. The hardware and software to scan digitally were too expensive. We tried a special analogue service in the mid 1990's when we modified an analogue durst enlarger to enlarge Minox. It was excellent but incredibly time consuming.

In 2019 we re-invested in a variety of digital technologies to improve the quality. We bought in an Imacon Flexlight Precision III scanner and bespoke adapters from Hasselblad to hold 110 and Minox negatives. This works best for monochrome pictures because the higher specification Imacon had soft light to reduce the appearance of dust and scratches.

For colour we settled on Minolta 5400 scanner with an especially modified carrier for Disc, 110 and 8x11 films. The Minolta has excellent lens sharpness, high resolution, and proprietary soft light grain reduction filters. The Nikon LS500- is not far behind: we tried that with a filmcanusa 8x11mm holder. That only worked well for flat negatives only.

The Imacon has the soft light to mask small dust and scratches and a light path for the benefit of the curved field negatives of the A, B and early C cameras.

Even with the modern scanners and modern Photoshop software, the process of loading film to be scanned and scan

ties are relatively long. Disc and Minox films take the same time to process, but much longer to scan.

Disc film: 2 hours for 15 frames

8x11mm film: 1.5 hours.

We also have an analogue Minox enlarger in case of emergencies, and then scan the print.

8X11MM TIPS

The golden rule about getting good results from a Minox to *get close*. We see a sweet-spot of sharpness at 6-9 feet. Even VEF state in their manual - infinity focus pictures are not recommended for the best results on the Minox.

The next most important tip to get results is to *use the slowest film speed* you can. The maximum f3.5 aperture of the classic Minox cameras and minimum shutter speed for sharp results (1/30th) allows a greater bias to using slow film: 10 or 25 or 50 ASA for standard, 100 ASA for lower light and 400 only under exceptional circumstances or where deliberate and very large grain is needed for pictorial effect.

The obvious warning 'keep your fingers away the lens' is easier said than done. The EC-X was the only camera which had a finger guard around the lens.

USEFUL 8X11 ACCESSORIES

Many of the accessories formerly used for technical uses, such as copying stands or flash equipment, have fallen into disuse, or of interest to collectors only.

A small number of accessories have survived the test of time:

- Pocket Tripod with Wire Release
- Right Angled Viewing Attachment

- Waist Level Finder
- 8x11mm flash

The metal **pocket tripod** is the only accessory that has been continuously produced since 1938, First Latvia, then Wetzlar, then Giessen, then back the Wetzlar and now the PRC.

The metal **Right Angled Finder** was made for the A and B camera as distinct models. The accessory was used to give a 90 degree view through the 'finder' without the subject being aware of the camera was pointed in their direction.

In the late 1960's a **plastic** universal finder was made for all camera from the A B to the C and finally the BL. The grey plastic finder will not fit the LX or EC models. Users of A and B models will find that their respective finders can be used without affecting the camera operation: whereas the grey finder has to be removed from the camera before winding on.

The metal **Waist Level Finder** was designed for the Minox A and B. Dropped when the Minox C was released. This very useful gadget was designed for low level or high level pictures.

BINOCULARS

Minox first made binoculars in the 1990's but were handicapped because the company's owner, Leica, then had its own high-quality range of optics. Only when Minox was bought out by its management in 2001 that they could compete with other German brands on a level playing field.

NEW MINOX BINOCULARS

Minox now have three ranges of binoculars. al new lightweight designs.

X-HD
X-Active
X-Lite

X-HD

These are the 'Made In Germany' 10 year guarantee models. Immediate difference over the APO-HG previous models is the weight.



X-Active

Also with 10 year guarantee this mid-range set come in 8x and 10x ranges with angles of view of 25,33,44 and 56 degrees. Lighter than the pre vi us HG range.



X-Lite

Thanks to the robust housing, the X-lite series is also well protected against outside influences. A nitrogen filling prevents fogging from the inside. Discover your introduction to the world of MINOX – with binoculars from the X-lite series.

PRICE LIST AUGUST 2021

Goods are subject to availability. Film and Prices can change dramatically depending on supply of original media

TABLE 1. 35 Camera System

Item	Condition	Price from
35 ML ^a	Serviced	£159
35 GT	Serviced	£145
35 EL	Serviced	£130
35 GL	Serviced	£135
35 MB	Serviced	£149
35 PL	Serviced	£135
Touring ^b	Serviced	£199
Tripod	New	£89
Tripod	Used	£65
ND Filter ^c EL/GL	New	£29.99
ND Filter EL/GL	Used	£20



ST35 Flash	Used	£17.50
TC35 Bounce Flash	Used	£35
Minotar for Sony	New 35m lens attached on Sony E-mount	£179
Tripod	New	£89

- a. Choose from boxed or unboxed
- b. With databack
- c. With leather case
- d. 'G' 35mm

All 35mm camera have been serviced and are film tested before dispatch.

TABLE 2. 8x11 Camera System: serviced

Item	Condition	Price from
VEF Riga	EXC+	£849
Minox II/ III	USER to EXC++	£299
Minox A/ III/IHIS	USE to EXC+	£149
Minox B	EXC+ to mint -	£129
Minox C	EXC+ to mint -	£149
Minox C Black	EXC++	£179
Minox LX	EXC+	£159
Minox LX black	EXC+	£199
Minox EC Set	EXC+, Mint	£99
Minox MX	EXC to New	£99
Minox MX Set	New with flash	£125
AcmeI Black	With meter, flash EXC++	£149
Ataron	EXC	£69
Ataron Electro	EXC	POA
LX Gold	EXC+	£499
LX 2000	As New	£899

TABLE 2. 8x11 Camera System: serviced

Item	Condition	Price from
Aviator	EXC++ Serviced	£1150

TABLE 3. 8x11 Film & Processing

Item	Condition	Price From
Alumin- ium Cas- sette Only	New 2021	£69
Any film when bought with Alu- minium Cassette above	New	£4.99
Plastic Cassette with BW TMAX, 36 expo- sure film	100 ASA Delta, 100 CMS 20 Pan-F 50 Delta 3200	£11.99
Plastic Cassette with vin- tage 36 exposure film.	25 ASA Or wo (1991) or Agfa 25 (2001) or Agfa Ortho (2004), KB15, KB14 (1960's)	£9.99
Results not guaranteed		

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MSHOBBIES LIMITED REGISTERED 0789901402
132B PUTNEY HIGH STREET
LONDON SW15 1RG
SALES@MSHOBBIES.CO.UK
+44 208 246 5506

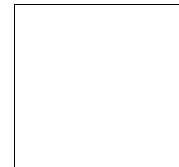


TABLE 3. 8x11 Film & Processing

<i>Item</i>	<i>Condition</i>	<i>Price From</i>
Plastic Cassette with Colour Negative Film 36	160 ASA Porta, 100 ASA Ektar, 400 ASA Fuji, 800 ASA Venus	£12.99
Plastic Cassette with Slide Film 36	Velvia 50, Velvia 100 Provia 100 Provia 400	£13.99
15 exposure plastic cassette option	Any	Deduct 20%
Process only BW	Any	£8.99
Process/Scan BW	Any	£14.99
Process/Scan/Refill BW	Any	£18.99
Process/Scan/Refill/Print ^a	Any	£25.99
Process only C41	Any	£7.99
Process/Scan C41	Any	£13.99
Process/Scan/Refill C41	Any	£19.99
Process/Scan/Refill/Print ^b C41	Any	£24.99
Process only Slide	Any	£8.99
Process/Scan Slide	Any	£12.99
Process/Scan/Refill Slide	Any	£16.99
Process/Scan/Refill/Print ^c Slide	Any	£22.99

a. Prints are professionally printed to smallest possible size for greatest sharpness

b. Prints are professionally printed to smallest possible size for greatest sharpness
c. Prints are professionally printed to smallest possible size for greatest sharpness

TABLE 4. 8x11 Scanning

<i>Length</i>	<i>Notes^a</i>	<i>Price</i>
1-36 film	Corrected, with wallet	£0.44 each
1-50 film	Corrected, with wallet	£0.39 each
51-100	Corrected, with wallet	£0.30 each
101-200	Corrected, with wallet	£0.25 each
200 +	Corrected with wallet	Phone for quote

a. All colour scans performed on 5400 ppi. BW has option of 5400 or 6300 (Imacon) scans, depending on dust and scratch levels

TABLE 5. 8x11 Accessories

<i>Item</i>	<i>Notes</i>	<i>Price</i>
Cases for camera	A,B,C,LX	£12.99
Rare Cases	B - button B - pigskin A - Red Meter - Red Meter - Green	£15.99
Slip Case	EC	£15
New Case	LX	£30
Riga Film unused x2	1942	£199

Chains/Filters

Chain ^a	A/B/C/BL	£15
Chain	EC or Meter ^b	£10

TABLE 5. 8x11 Accessories

<i>Item</i>	<i>Notes</i>	<i>Price</i>
Chain Converter	LX, allows camera to be used without case	£25
Filters A	ND, Yellow, Flash	£55
Filters B	R3, Flash, Yellow	£49
Spare Filter B	each	£15
Filters C/BL	R3,R6,Flash	£30
Spare Filter C/BL	any	£10
Flash 8x11	EC	£99
Flash 8x11 adapter	LX/A/B/B/BL	£15
FL4 Cube	LX	£10
FL4 Cube Black	LX	£18
C4/B4 Cube	Cube	£10
B	Bulb	£10
B	Spare bulbs	£5
Stands		
Tripod	New	£89
Tripod/Clamp	A.B,C,BL	£17.50
Cable Release Adapter	LX new Hob-bies model	£18
Cable Release Adapter	Original for LX	£30
Tripod Case	For tripod and clamp	£10
Copy Stand	A B C	£89
Copy Stand	LX	£129
Binocular Clamp	A B C	£45
Binocular Clamp	LX	£80

Books

TABLE 5. 8x11 Accessories

<i>Item</i>	<i>Notes</i>	<i>Price</i>
Small MInox Big Pictures English or German	A, B	£25
Small MInox Big Pictures, English	C	£30
Minox Variations	Heckmann	£49
Minox Variatons Signed	Heckmann	£69
Spy Camera	Moses 1991	£17.50
Subminia-ture Photo-graphy, rare	Cooper	£20
Using Minox, pocket book, yellow	Cooper, 1962, rare	£25
Japan Minox Club	In Japanese	£20
Minox Club News	Japan	£5 each

a.Specify meters or feet

b.No beads. EC chain black

TABLE 6. Projectors and Enlargers

<i>Item</i>	<i>Type</i>	<i>Price From</i>
Slide Viwer/Cutter	Cuts slide both sides	£25
Slide Viewer only	No cutter	£20
Glass slide mounts, hinged	36 per pack	£18.50
1970's		
Plastic 1980's	36 per pack	not in stock
35mm with MInox insert	36 per pack	£10
VEF Enlarger complete, with cusotim esce, working bulb and safelight and aftra market 7x5 extention tray	1940	£2999
Unique hybrid Model I/II	1951	£899
Minox Enlarger, size of II but with III head and carrier		
Model II no mask, for A B early C	1950-60's, german 'lead'	£199
Model II mask, A B C	1960's, 'german' lead	£225
Model II late for A B and C	1960's fixed lens	£249
Original spare bulb 'Dr Fischer'	New, 90 degee head	£99
Enlarger Power lead	1960's fitting 'hexagonal pin'	£25

TABLE 7. Non-Minox Cameras and lenses

<i>Item</i>	<i>Type</i>	<i>Price</i>
Contax T, black with flash, EXC+++	35mm rangefinder	£499
Contax TVS 2 with case. Mint	35mm AF	£599
Olympus Tough TG!	digital with AC adapter	£129
Canon IXUS 2.1mp	Metal body, amazing quality for a .2.1MP camera	£49
Canon IXUS gold	APS	£49
As new boxed		
Medical-Nikkor 200 F5.6. Complete with battery pack and filters and manual	1962	£249
Bronica ETRS Kit	ETRS/ 90mm, AE Prism finder, 2 x 135 backs, 1x Polaroid back	£599

TABLE 6. Projectors and Enlargers

<i>Item</i>	<i>Type</i>	<i>Price From</i>
HP30 Projector	cased, simple	£89
Minotact Projector	Remote control auto-change	£149
Minomat N	With day-light case, rare	£179
HP24	Autofocus 1970	£199
Glass slide mounts 1960's	100 per pack	£25

TABLE 8. Minox binoculars and Accessories in Stock

<i>Type</i>	<i>Notes</i>	<i>Price</i>
X-HD, 8x44	New 10 year guarantee made in Germany	£734
HG 10x33	New Stock, no box	£249
X-Lite 8x44	New	£249