

Rollei | Automatic computer and manual electronic flash units.

Model	E15B	121BC	128BC	134B	134REB	140RES	E36RE	†C26
Guide No. 25 ASA	35	35	46	56	56	65	82	†For use ONLY
Guide No. 80 ASA	56	56	85	100	100	130 (100 ASA)	165 (100 ASA)	with
Computer (auto) Exposure Control		Yes	Yes		Yes	Yes	Yes	Rollei A26
Recycle Time "AA" Alkaline ²	8 sec.	8 sec.	6 sec.	10 sec.	0.3 sec. to 10 sec.			126 Cartridge
Recycle Time—Ni-Cd ²			4 sec.	6 sec.	0.3 sec. to 6 sec.	0.3 sec. to 8 sec.	0.3 sec. to 4 sec.	Camera
Thyristor Regulated Energy Circuit					Yes	Yes	Yes	(See Page
No. of Working f/stops per film speed	Manual	1	1	Manual	2	3	3	10 for
External Sensor							Yes	specifications
Tilting Bounce Light Head				Yes	Yes	Yes	Tilt bracket	
Computer (auto) Range		16" to 13½'	16" to 12'		2' to 20'	15" to 32½'	16" to 42'	
Power Source	2 "AA"	2 "AA"	4 "AA" ¹ or 4 x 1.2V Ni-Cd	4 "AA" ¹ or 4 x 1.2V Ni-Cd	4 "AA" ¹ or 4 x 1.2V Ni-Cd	Built-in Ni-Cd	Removeable 12V Ni-Cd	
Recharge Time for Ni-Cd			4 hrs.	4 hrs.	4 hrs.	1 hr.	15 hrs.	
Number of flashes "AA" Alkaline ²	to 200	to 200	to 200	to 120	120-1700			
Number of flashes Ni-Cd charge ²			80	80	80-1300	40-1000	80-1000	
AC Operation				⁴ Yes	⁴ Yes		Yes	
Locking PC Cord/open flash/calculator	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Built in Hot Shoe Contact	Yes	Yes	Yes	Yes + ¼" socket	Yes + ¼" socket	Bracket + ¼" socket	Quick clamps & bracket(s)	
Illumination Angle	45° x 60°	45° x 60°	45° x 60°	45° x 60°	45° x 60°	45° x 60°	45° x 60°	
Sensor Angle		15°	15°		15°	15°	15°	
Daylight Color Correction (5500°K)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Power: Ws/BCPS	15/780	15/780	33/1300	45/2000	45/2000	60/2600	80/4200	
Weight: (grams/ounces)	113/4	123/4 3/8	175/6¼	290/10¼	300/10½	510/18	850/30	
Type of Charger			¹ Type F	¹ Type F	¹ ³ Type F	Type E-supplied	Type C-supplied	

¹Optional Accessory—Use Varta 501RS Ni-Cd for External Charging in Type F—4hr. Rapid Charger

²References to "AA" are for Alkaline Energizers—E91 or Mn1500; Number of flashes dependent on battery condition, and with automatic units, flash to subject distance and working f/stop

³ Ni-Cd can also be charged inside 134B and 134REB using Type D charger (15 hrs.)

⁴Using accessory Type D. charger

Rollei E15B

Reliable, compact manual flash.

Requiring only two standard "AA" batteries for operation, the Rollei E 15B is both tiny and outstanding. An ideal portable electronic flash unit for 35mm cameras even when a 35mm wide-angle lens is being used. Coverage

and illumination are excellent, and color quality matches daylight color films. A fresh set of batteries will provide up to 200 flashes, enough for almost 6 rolls of 36-exposure 35mm film.



ACTUAL SIZE



Technical Data

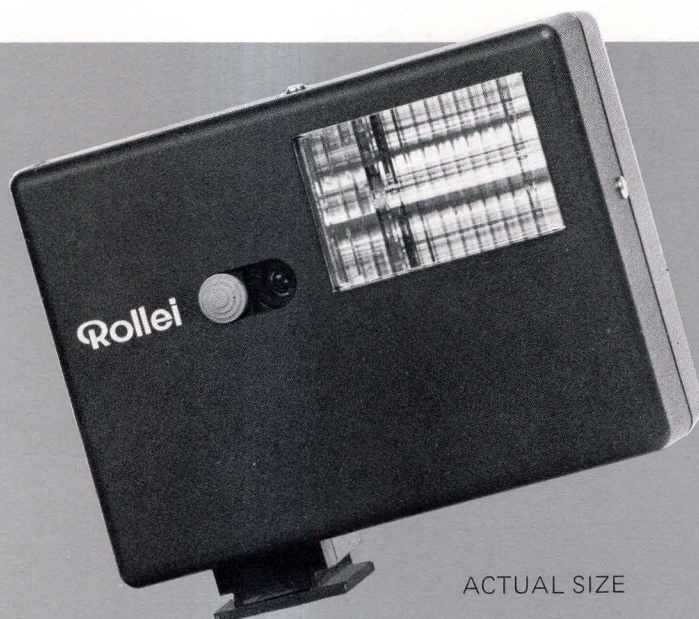
- **Guide Numbers:**
35 with ASA 25 film 56 with ASA 80 film.
- **BCPS:**
780.
- **Flash Duration:**
1/2000 sec.
- **Illumination Angle:**
45° vertical x 60° horizontal.
- **Recycle Time:**
8 seconds.
- **Ready Light**
- **Manual Trigger for Open Flash**
- **Hot Shoe Contact**
- **Rollei Lock PC Cord**
- **Exposure Calculator in Feet and Meters**
- **Battery Operation:**
Uses two 1.5 volt "AA" batteries (Eveready E91, Mallory Mn1500 or equivalent).
- **Number of Flashes:**
Up to 200 per set of batteries.
- **Color Temperature:**
5500° Kelvin.
- **Size:**
3.1 x 2.4 x 1.3 inches.
- **Weight:**
4 ounces.
- **Other Features:**
Horizontal reflector; color corrected reflector.

Super-small, take-anywhere automatic computer flash.

Rollei 121BC

A remarkable example of pocket size design, the Rollei 121BC permits both automatic computer and manual flash operation and provides excellent light output, combined with portability. The computer makes flash pictures simple and easy, with a single aperture

setting for distances from 16'' to 13 1/2 feet. The horizontal reflector matches the picture format of 35mm cameras, providing good color corrected daylight illumination even with a 35mm focal length wide angle lens.



Technical Data

- **Guide Number:**
35 with ASA 25 film 56 with ASA 80.
- **BCPS:**
780.
- **Flash Duration:**
Automatic, 1/2500-1/30,000 sec.; manual, 1/2500 sec.
- **Illumination Angle:**
45° vertical x 60° horizontal.
- **Recycle Time:**
8 sec. with alkaline batteries.
- **Battery Operation:**
Uses two 1.5 V "AA" batteries (alkaline manganese recommended).
- **Number of Flashes:**
Up to 200 per set of batteries.
- **Color Temperature:**
5500° Kelvin.
- **Computer Working Apertures:**
f/5.6 with ASA 100 film, f/4 with ASA 50 film.
- **Computer Control Range:**
16'' to 13 1/2 feet.
- **Sensor Acceptance Angle:**
15°.
- **Size:**
3 1/8 x 2 1/4 x 1 3/8 inches.
- **Weight:**
4 3/8 ounces without batteries.
- **Other features:**
Red button slides over sensor for manual operation; slide bar for open flash also serves as cord lock and ready light window; either hot shoe or locking PC Cord; color corrected reflector for daylight film.

Rollei 128BC

Automatic computer mini-flash uses Ni-Cd or alkaline batteries.

The advantages of computer flash automation and horizontal reflector design are combined with versatile battery operation in this tiny, dream portable unit that will fit into the palm of your hand. The computer handles the ex-

posure for each shot automatically. The horizontal reflector provides light coverage that matches the 35mm format. Expendable AA batteries or rapid charge nickel cadmiums may be used.



Technical Data

- **Guide Number:**
46 with ASA 25 film, 85 with ASA 80 film.
- **BCPS:**
1300.
- **Flash Duration:**
Automatic, 1/1500-1/30,000 sec.; manual, 1/1500 sec.
- **Illumination Angle:**
45° vertical x 60° horizontal.
- **Recycle Time:**
4 sec. with nickel cadmium, 6 sec. with alkaline manganese.
- **Battery Operation:**
Uses four 1.2 Volt, rapid charging (4 hours) nickel cadmium or 1.5 volt alkaline-manganese.
- **Number of Flashes:**
200 with alkaline-manganese, 80 with fully charged nickel cadmium.
- **Flash Color Temperature:**
5500° Kelvin.
- **Computer Working Aperture:**
16 inches to 12 feet.
- **Sensor Angle:**
15°.
- **Size:**
3 1/2 x 2 3/4 x 1 3/8 inches.
- **Weight:**
6 1/4 ounces without batteries.
- **Other Features:**
Red button slides over sensor for manual operation; hot shoe and locking PC Cord; slide bar also serves as cord lock and ready light cover, triggers open flash; color-corrected reflector; ready light; f/stop calculator.

Flash coverage gets a bounce
from this unit's tilting head.

Rollei
134 B

With a tilting reflector that clicks into a 60° upward position, the Rollei 134 B offers the advantage of bounce light (to reduce harsh shadows) as well as normal flash illumination in a compact electronic flash unit of modern,

streamlined sculptured design. The 134 B is light and small, with power supply versatility. Battery options include rapid charging (4 hours) nickel cadmiums, or alkaline manganese batteries; AC current may also be used.



Technical Data

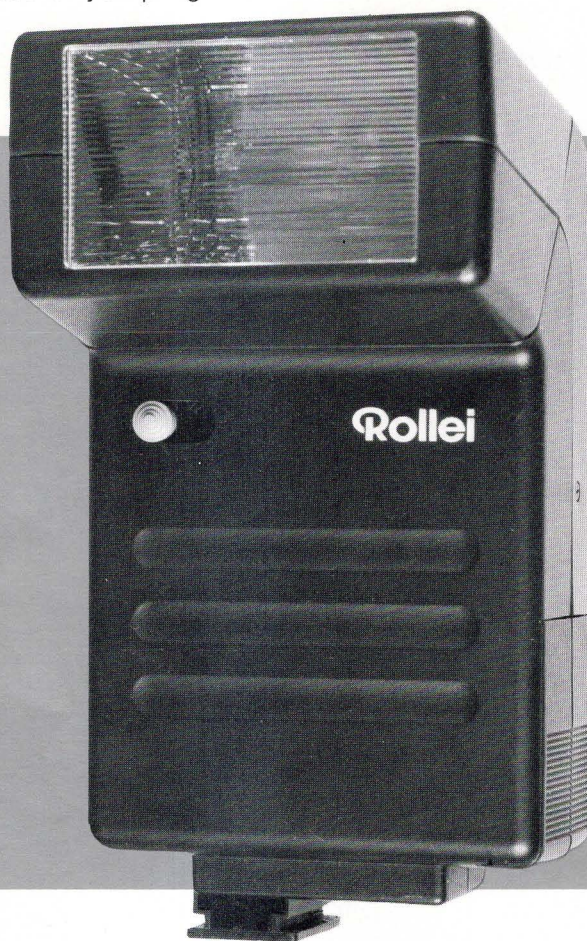
- **Guide Number:**
56 with ASA 25 film, 100 with ASA 80 film.
- **Flash Duration:**
1/400 sec.
- **Illumination Angle:**
45° vertical x 60° horizontal.
- **Recycle Time:**
6 sec. with nickel cadmium, 10 sec. with alkaline manganese batteries, 30 sec. with AC and type "D" accessory charger (batteries removed).
- **BCPS:**
2000.
- **Power Supply:**
Four 1.2 volt, rapid charging (4 hours) nickel cadmiums or 1.5 volt, alkaline manganese "AA" batteries or AC with "D" type accessory charger.
- **Number of Flashes:**
120 with alkaline manganese batteries, 80 with fully charged nickel cadmium, unlimited with AC.
- **Flash Color Temperature:**
5500° Kelvin.
- **Size:**
3 x 2 1/2 x 5 inches.
- **Weight:**
10 1/4 ounces without batteries.
- **Other Features:**
Hot shoe, locking 16 inch PC Cord; ready light; slide bar (also serves as cord lock and ready light cover) for open flash; color corrected reflector; f/stop indicator.

Rollei 134 REB

Split-second recycling plus a tilt head for bounce flash highlight this unit.

Ingenious, advanced design makes the Rollei 134 REB an unusually versatile electronic flash unit. The built-in RE (rational energy) thyristor circuit shortens recycling time to as low as 0.3 sec., uses only the power needed for proper exposure instead of jumping the

capacitor with each flash, saves batteries and money and increases capacity up to 1,700 flashes. A 60° tilting reflector head adds the dimension of bounce lighting while computer continues to provide automatic control.



Technical Data

- **Guide Number:**
56 with ASA 25 film, 100 with ASA 80 film.
- **BCPS:**
2000.
- **Flash Duration:**
Automatic, 1/400-1/20,000 sec.; manual, 1/400 sec.
- **Illumination Angle:**
45° vertical x 60° horizontal.
- **Recycle Time:**
0.3 to 10 sec. with alkaline manganese batteries, 0.3 to 6 sec. with nickel cadmiums, 0.3 to 30 seconds with AC operation (batteries removed). Recycling time and flash capacity dependent upon subject distance and working aperture.
- **Power Supply:**
Uses four rapid charge (4 hours), 1.2 volt nickel cadmium (Varta 501RS) or 1.5 volt alkaline manganese "AA" batteries or AC.
- **Flash Capacity:**
120-1,700 flashes per set of alkaline manganese batteries, 80-130 per set of fully charged nickel cadmiums, unlimited with AC (batteries removed).
- **Computer Working Apertures:**
f/5.6 and f/11 with ASA 100 film; f/4 and f/8 with ASA 50 film.
- **Computer Control Range:**
2' to 10' in first auto position, 4' to 20' in second (sensor open).
- **Sensor Angle:**
15°.
- **Size:**
3 x 2 1/2 x 5 inches.
- **Weight:**
10 1/2 ounces without batteries.
- **Flash Color Temperatures:**
5500° Kelvin.
- **Other Features:**
Hot shoe; 16 inch PC Cord; ready light; color-corrected reflector; slide bar for open flash (also PC Cord lock and ready light cover); button slides over sensor for manual operation; calculator. Type D Charger for AC operation and recharging conventional nickel cadmiums, Type F Charger for rapid charge nickel cadmiums.

A high-powered flash with the precision
of thyristor-computer control.

**Rollei
140 RES**

The Rollei 140 RES has exceptional output for its size and weight, and is a truly professional piece of equipment. Shaped like a torch for convenient handling, the 140 RES is computer programmed with a fixed sensor for exposure measurement and its energy saving

thyristor circuit provides up to 1,000 flashes per charge with as short as 0.3 sec. recycling. Nickel cadmium battery in the handle recharges in only one hour, with 120/220 volt charger supplied.



Technical Data

- **Guide Number:**
65 with ASA 25 Film, 130 with ASA 100 film.
- **BCPS:**
2600.
- **Flash Duration:**
Auto, 1/400 to 1/20,000 sec.; manual, 1/400 sec.
- **Illumination Angle:**
45° vertical x 60° horizontal.
- **Recycle Time:**
0.3 to 8 sec., depending on subject distance and working aperture.
- **Power Supply:**
Built-in, high density nickel cad-

- mium battery (not for AC operation.) Type E - 1 hour - quick charger with indicator light showing switch to trickle charge.
- **Number of Flashes:**
40 to 1,000 per charge depending on subject distance and working aperture.
- **Computer Working Apertures:**
f/2.8, f/5.6, f/11 with ASA 50 film (vario computer with electronic selection.)
- **Computer Range:**
1st Auto Position 1' 3" to 8' 2",
2nd Position 2' 6" to 16' 4", 3rd

- Position 3' 11" to 32' 8"
- **Sensor Angle:**
15°
- **Size:**
3 1/8 x 3 1/4 x 7 1/4 inches.
- **Weight:**
18 ounces.
- **Other Features:**
Slide bar (also serves as cord lock and ready light cover) for open flash, locking PC Cord; f/stop distance calculator; 41mm grip equipped at base with 1/4 inch x 20 thread for mounting to bracket supplied.

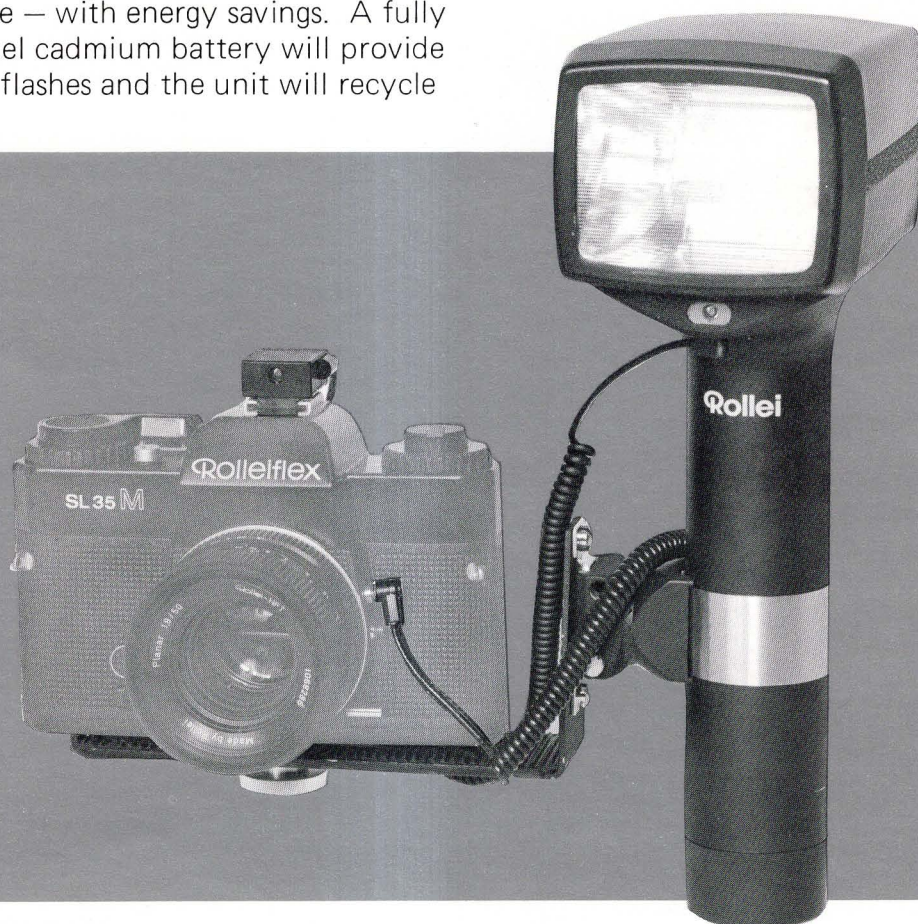
Rollei E36RE

World's most powerful, fastest operating single-unit computer flash.

The finest professional, portable flash unit available. The Rollei E36RE combines computer programmed automation, internal and external light sensor and thyristor circuitry to provide the electrical power needed for correct exposure — with energy savings. A fully charged nickel cadmium battery will provide up to 1,000 flashes and the unit will recycle

as fast as 0.3 second. Short sequence shots with motorized cameras are therefore possible.

NOTE: The Rollei E36RE is also available in a Bare Bulb model.



Technical Data

- **BCPS:**
4200.
- **Guide Number in Feet:**
82 with ASA 25; 164 with ASA 100; 330 with ASA 400.
- **Flash Duration:**
Auto Range: $t = 0.1 = 1/400 - 1/20,000$ sec. measurement of duration at 0.1 point on light curve; $t = 0.5 = 1/800 - 1/40,000$ sec. measurement of duration at 0.1 point on light curve; manual, $t = 0.1 = 1/400$ sec. measurement of duration at 0.1 point on light curve; $t = 0.5 = 1/800$ sec. measurement of duration at 0.5 point on light curve.
- **Illumination:**
45° vertical; 60° horizontal; color corrected 5500° K.
- **Recycle Time:**
0.3 second to 4 seconds computer operation; 4 seconds manual operation;

- tion; 30 seconds unlimited AC operation. At distances of 10 feet or less, sequence photos are possible with 0.3 sec. recycling (motorized camera using 3 frames per second or slower) in 5 frame bursts.
- **Power Supply:**
12 volt nickel cadmium battery, rechargeable in E36RE or externally in accessory battery holder, instantly interchangeable. Charger with indicator light, 15 hours to full charge.
- **Number of Flashes:**
80-1,000 depending on working distances and automatic power setting.
- **Auto Flash Range:**
(3 power positions) 16 inches to 11 feet, 30" to 21' and 5' to 42'
- **Calculator Dial:**
ASA Range 12-1,600; automatic range selector (f/stop selection lever); ASA-DIN; feet/meters.

- **Sensor Acceptance:**
15° angle for both built-in and external sensor supplied.
- **Open Flash:**
Manual release button with ready light.
- **Synchronization:**
Synchro-cord receptical with safety lock.
- **Other Features:**
External sensor with 67 inch coil cord, right angle plug, fits accessory shoe or tripod screw.
- **Dimensions/Weight:**
10 1/4" high x 4 13/32" deep x 3 7/16" wide. 30 ounces.
- **Clamps/Brackets/Cords:**
Clamp with quick release button and 360° ratchet tilt control. Brackets for TLR and SLR cameras, Rollei 35 and pistol grip. Straight and coiled cords available; all lock to E36RE.



2 1/4 X 2 1/4 REFLEX BRACKET FOR PISTOLGRIP AND HANDGRIP

BRACKET FOR ROLLEI 35



BRACKET FOR ROLLEI 35 WITH SYNCHRO ADAPTER & ACCESSORY SHOE



2 1/4 X 2 1/4 REFLEX BRACKET WITH BASE PLATE

Brackets for Use with E36RE/E34C Computer Flash

Universal Bracket for miniature cameras*
A right angle bracket with four threaded camera mounting holes as required to attach the Rollei E34C/E36RE flash units in the most convenient position: i.e., to left or to right of camera. Additionally bracket can be attached at an angle so that the flash unit — appropriately turned in the holder — is positioned laterally to the front of the camera.

Camera Bracket with base plate for 2 1/4 X 2 1/4 or 1 5/8 X 1 5/8 inch (6 X 6 or 4 X 4cm) reflex cameras and for larger format cameras*
Bracket may be detached from base plate and reversed. Bracket may also be locked in a forward position with second screw. With base plate removed this bracket can be mounted directly on Rollei Pistolgrip for use with Rolleiflex and Rolleicord.

Camera Bracket for Rollei 35
Includes synchro adapter which slips into hot shoe of Rollei 35. Bracket is then mounted to base of

camera and flash lead from E34C or E36RE plugged into connector.

Bracket for mounting on Rollei Pistolgrip and use with Handgrip SL66.

Camera Brackets with Accessory Shoe

Camera Bracket with synchro adapter and accessory shoe for Rollei 35

Camera bracket with base plate for 2 1/4 X 2 1/4 Rolleiflex/Rolleicord reflex cameras with accessory shoe

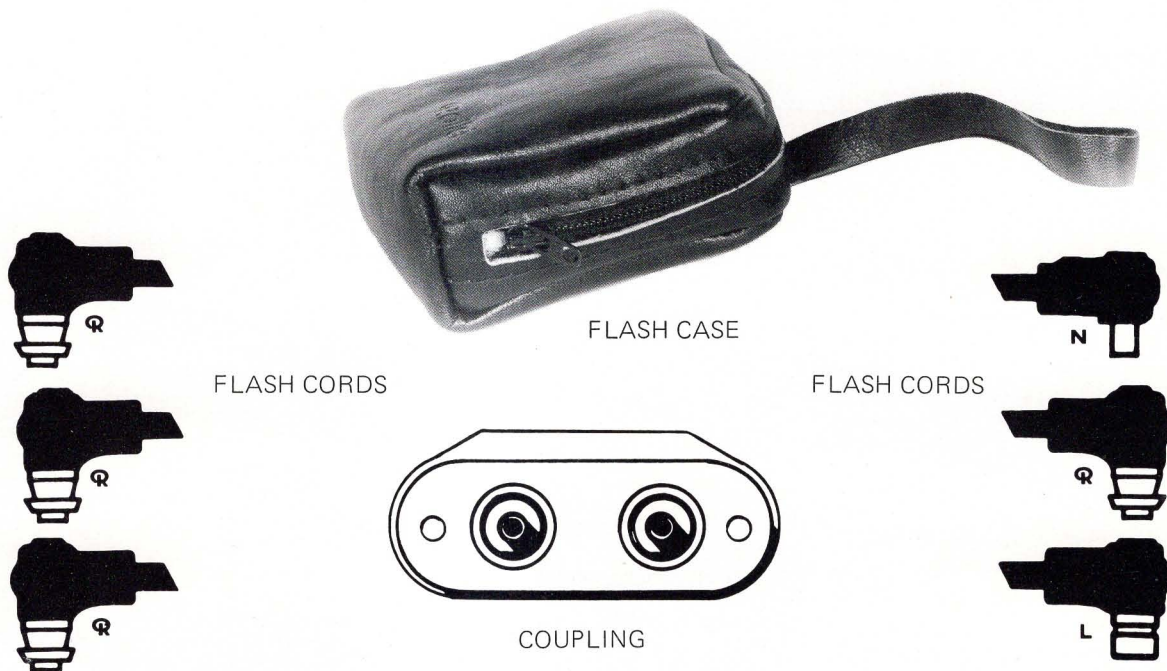
Bracket with accessory shoe — for mounting on Rollei TLR Pistolgrip

Other Camera Brackets

Camera mounting bracket for 134B/134REB only

Camera mounting bracket (replacement) for 140RES only

*Usually suitable also with cameras of other sizes.



Flash Cords for all Rollei Flash Units

According to length of cord, regular and coiled cords are available with a standard plug N (for PC) Rollei plug R, or Leica plug L.

Description	Flash Connect.	Camera Connect.
16'' cord	Rollei plug	Std (PC) plug*
16'' cord	Rollei plug	Rollei plug+
14''-50'' coiled	Rollei plug	Std (PC) plug*
14''-50'' coiled	Rollei plug	Rollei plug+
14''-50'' coiled	Rollei plug	Leica plug‡

*For Rollei 35 with R 35 bracket, Rolleiflex SL35, Leica M4, M5

+For Rolleiflex SL66, Rolleiflex, Rolleicord TLR cameras

‡For Leica cameras through M3, except Leicaflex

EXTENSION FLASH CORD-ROLLEI

10' extension cord with Rollei plug on each end to extend distance between flash and camera. (Must be used with coupling piece).

COUPLING PIECE — for connecting 10' extension cord(s) with Rollei lock flash plug.

Charging Units — 120 V for former Rollei Electronic Flash Units

CHARGER (replacement) for E15, E17, E17C, E20.

CHARGER (replacement) for E22, E22C, E27, E27C, E50, E55.

Charging units for Rollei Computer/Electronic Flash Units

TYPE F RAPID CHARGER (optional accessory)

for 128BC, 134B, 134REB for external 4HR. rapid charging of 4 1.2V Ni-Cd's. Includes charger with holder for 4 batteries (Varta 501RS or equivalent*), less batteries.

TYPE D CHARGER for 134B and 134REB, for interval 15 hr. charging of U 1.2V Ni-Cd's in unit (use Varta 501RS or equivalent*). This charger also allows AC operation of 134B and 134REB with batteries in flash units. Type D charger also used for C26 Computer Flash. Charger supplied without batteries; available as accessory for 134B and 134REB, as replacement for C26.

TYPE E QUICK CHARGER (replacement) for 140 RES Computer Flash.

TYPE C CHARGER (replacement) for E36RE/ E34C Computer Flash.

*Such as: Eveready CH500; G.E. Ni-Cd AA Cell; Gould 475SC; Burgess C06; Ray-O-Vac 615.

Cases for Rollei Flash Units

CASE for Rollei E15

CASE for Rollei E15B, E17, E19, E20, E20C, C26

CASE for Rollei E17C, E19C

CASE for Rollei E19BC, 128BC, E22, E22C, E24, E24C

CASE for Rollei E27, E27C, E50, E55

CASE for Rollei E36RE/E34C

CASE for Rollei 134REB, 134B

CASE for Rollei 140RES, 140S