

HAWK

● Motor Driven Long Roll Magazines for Mamiya RB-67 Camera

Studios can save between \$90.00 to \$120.00 by going to long-roll film. The many exposures possible on 70mm, 46mm, or 35mm film permit great economies in processing, printing, and working time.

The HAWK long-roll system consists of:

1. HAWK Adapter Model 67BC
2. HAWK Motor Driven Magazines
3. HAWK Optional Identification System.

HAWK SYSTEM: Converts the popular RB-67 camera into a single lens reflex, long-roll camera.

Advantages of Hawk System

Motor Driven—magazine advances each time camera shutter is cocked. Double exposures may be made if desired.

Use Direct Viewfinder - either reflex or optical view finders can be used without interference on magazine.

Magazines Mount Horizontal or Vertical

Light Trap Machined for absolute seal. Usable even in bright daylight.

Hawk Identification System

A large area identification system. The Hawk I.D. unit accepts up to 3 lines of message. Because of its large size it can be used as a combination receipt/I.D. unit, sequential numbering (by using numbered cards), or a wide variety of billing and accounting systems.

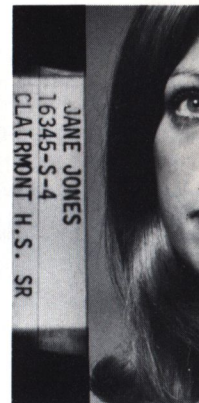
The HAWK IDENTIFICATION unit fits on the magazine cover. It prints electronically each time the camera shutter is cocked and before the frame advances. A built-in light indicates correct system operation. Double lamp operation prevents lost frame due to lamp burnout.



Camera Mounts to System - Magazines mount on balanced adapter. There is no weight on delicate camera back locks, except weight of camera.

The Best Identification System Available!

Wide Variety of Formats - 70mm, split 70mm, 46mm, and 35mm.



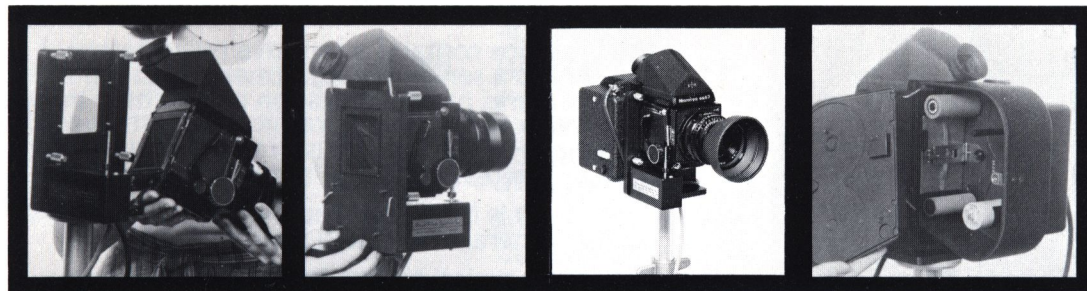
CHAPPELL/LOCKHART & ASSOC. This is your receipt
CHICAGO, ILLINOIS

NAME _____

ADDRESS _____

WRITE INITIAL AND LAST NAME IN SQUARE ▶▶▶ CL 45()-29-P()

PLEASE PRINT



The HAWK NEGATIVE is the full RB-67 format and fits all senior portrait package masks. The identification unit prints on the margin (negative enlarged)

● RB-67 CAMERA mounts to precision mount to take weight from camera back locks.

I.D. unit is on magazine cover. It does not interfere with normal operation.

I.D. Card area takes up to 3 typewriter lines of copy.

Magazine mounts horizontally or vertically and is specially constructed for RB-67 format.

The I.D. card inserts easily and is accessible for rapid operations.



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HAWK MOTOR DRIVE MAGAZINES FOR RB-67 CAMERAS

CODE	DESCRIPTION	PRICE
	The Hawk system consists of a machined adapter plate. This permits the camera to be mounted to the front of the plate, and the magazine to the back of the plate. The idea is to remove all weight from the camera latches, and also to "balance" the system on the tripod. Magazines mount horizontally or vertically and will clear the RB-67 prism finder (except for the 35mm magazine in vertical position). On cocking the camera shutter, the magazine advanced one frame. A frame counter is part of each magazine. Option I.D. unit mounts onto magazine to print identity card on edge of film. (Can not be used on 46mm or 35mm formats.)	
	Requires 110-120 A.C. current 3 amps.	
67-BC	Adapter and magazine advance systems	
D108M	70mm magazine 2-1/4"x2-3/4" format (same as RB-67 accepts I.D.)	
D56M	70mm half frame (1-3/4"x2-1/2") accepts I.D.	
C58	35mm package magazine 1-1/4"x2-1/8" (no I.D.)	
C55	35mm borderless magazine 1-3/8"x2-1/8" (no I.D.)	
F80	46mm package magazine 1-21/32"x2-5/8" (no I.D.)	
68	Identifier unit with connector cables. Fires automatically on each frame. With sample I.D. card.	
	Typical system:	
67-BC	Adapter	
D108M	Magazine	
68	Identifier	Complete

This converts the popular RB-67 into an automatic, electric drive camera.

REMOTE CONTROL HAWK

For triggering electronic flashes without direct wire connection. It consists of a battery operated transmitter, that is activated by the camera shutter. The transmitter is connected via a synchro cord to the camera. A battery operated receiver is connected to the synchro line of the electronic flash to be triggered. An accessory a.c. adapter is furnished when battery operation of the receiver is not required (saves on batteries). With a multiple PC connector, the Hawk will trigger both an on-camera, and a remote flash.

NEW: Built-in battery strength meter. Indicates condition of batteries in receiver for reliable triggering.

HR-75 (new model) Hawk remote includes transmitter, receiver with battery strength meter, A.C. adapter, and batteries.

HR-80 HAWK Interface module. When connected to the receiver of the HR-75 will trigger motor drive cameras, such as Hasselblad, Nikon, or Cannon. Connects to camera accessory trip socket. Adjustable sensitivity. For remote triggering of cameras.

HAD Hawk adapter plug for synchro connections. Converts 1/4" microphone jack plug to U.S. type, two-bladed female synchro plug.

524 Extra A.C. adapter for Hawk remote.

HR-75R HAWK receiver only + (less A.C. adapter)

HR-75T HAWK transmitter only +
+ offered on matched frequencies on request

+ Note: one transmitter will operate several receivers if on same frequency. Because of 'double latching' circuit, Hawk equipment is not affected by CB Radios or similar interference.

Hawk Remote Control

The Hawk system is for triggering your electronic flash unit without a synchro wire between camera and flash. It consists of a small, battery operated transmitter that activates from your camera's synchro socket, and a small battery operated receiver that connects to your flash.

The receiver has a built-in battery test system for greater reliability, and also can be used with A.C. current through an adapter provided with the outfit. Reliable ranges up to 150 feet can be obtained depending on local conditions.

Leaf type shutters will synchronize up to 1/500th. Focal plane shutters will synch. at their normal synchro speeds for electronic flash.

Hawk equipment is not affected by interferences such as CB radios. It has a unique double frequency code. Also the chances of being affected by other Hawk users is narrow due to the wide variety of factory adjusted settings. Hawk units can be purchased on the same setting if desired to trip multiple flashes. Special circuits make the Hawk compatible with virtually all professional electronic flash units. Also more than one flash can be triggered from a Hawk unit.

HR-75 Receiver with Battery Test Meter

524 A.C. Adapter 120V



HAD Adapter, Synchro Microphone Jack to U.S. Synchro



HR-80 Interface for Motor Drive Cameras

HR-75 Transmitter



2821 P.C. Cord

BATTERY TEST The range and dependability of a remote trigger is affected by the condition of its batteries. The battery test system places a 'dummy load' equal to the receiver operating at peak performance on the batteries. This gives a very reliable indication. The unit may also be used with accessory A.C. adapter for 120V a.c.

HR-75 Consists of transmitter, receiver with battery test, A.C. adapter and batteries. Synch cord not included.

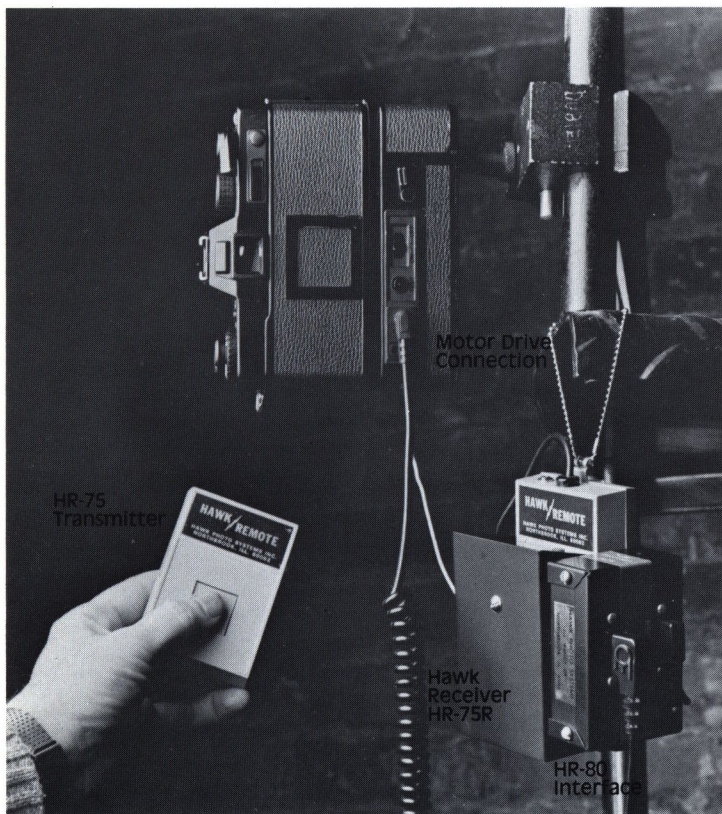
2821 Extra heavy duty synch cord P.C. tip.

HAD Adapter from 1/4" microphone synchro jack to U.S. double bladed synch cord.

HR-80 Interface module with relay and sensitivity adjustment to trip motor drive cameras with accessory remote socket such as Hasselblad, Nikon, or Cannon.

HR-75R Receiver only (less a.c. adapter)

HR-75T Transmitter only
524 A.C. adapter (extra)



Hawk Interface Module HR-80

The interface contains a sensitive relay, battery power, and a sensitivity adjustment, trips motor drive cameras having activation plugs. These include Hasselblad, Canon, Nikon, Yashica, etc. with electrical motor drives. The camera is fired remotely on each push of the test button of the Hawk transmitter.

Flash synch is then provided by the synchro socket on the camera, or through its hot shoe.

Shown is a typical mount for SPORTS or remote photography. The camera is mounted with a SUPER CLAMP. The Interface HR-80 is provided with velcro tape to mount onto the receiver. An appropriate trigger line for the camera remote must be obtained to connect to the interface. The trigger line from the receiver goes into the interface. Pushing the transmitter button will fire the camera.

Model **HR80** Interface.

Application of Hawk Systems:

Special Events - Proms, parties, conventions where more than 100 exposures will be made. Long-roll film saves money. The HAWK Identification System makes billing and print delivery easier.

Sports or Little Leagues - I.D. System makes volume photography easier. Negative filing, receipts and billing are made possible with edge identification of negative.

School Photography - The RB-67 is excellent as a portrait camera. Its single lens viewing, and lenses are perfect with the HAWK BACK.

Volume Portraits - The 35mm magazine or split 70mm magazine give great economy. The RB-67 is a wonderful 'back-up' camera due to its relative low cost in comparison with 70mm long-roll systems.

Conversions of Existing Backs:

On special order, older magazines can be converted to the HAWK I.D. System. The Hawk system is superior to many identification systems built into the camera. Write for quotation.

The Hawk System

Consists of a machined adapter plate with light traps to hold the camera and magazine, and thus removes the weight of the magazine from the camera. The adapter plate also contains the electronic switching that advances the magazine each time the camera is cocked. All camera magazines listed below fit onto the 67-BC adapter unit.

67-BC Adapter unit including A.C. cord and mount for RB-67 camera

Magazines

D108M 70mm magazine 2-1/4" x 2-3/4" (same as normal RB-67) accepts I.D.

D56M 70mm half frame 1-3/4" x 2-1/2" accepts I.D.

C58 35mm package magazine 1-1/4" x 2-1/8" No I.D.

C55 35mm borderless 1-3/8" x 2-1/8" No I.D.

F80 46mm package 1-21/32" x 2-5/8" No I.D.

Magazine identifier

Mounted on magazine cover plate. Prints three typewriter lines onto edge of film from card inserted in magazines. Fires when shutter is cocked.

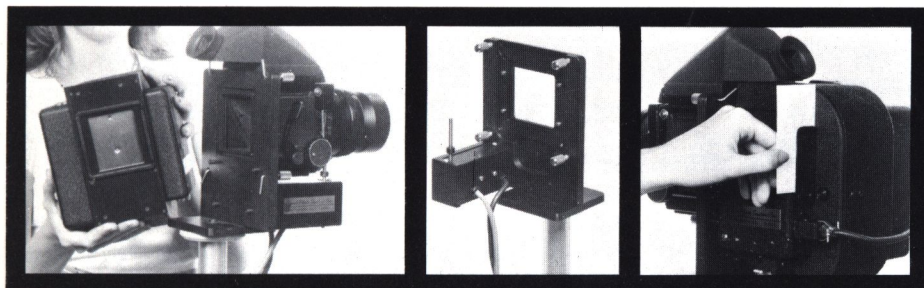
Model **68** identifier unit (must be ordered with magazine)

Typical unit:

67-BC adapter unit

D108M magazine

68 identifier



Hawk adapter and magazine makes a balanced unit for long roll photography. Camera and magazine balance on tripod for ease of use.

