

DELUXE
AUTOMATIC MODEL

250 LIMITED
EDITION
1967-2010

LANDCAMERAS.COM



CARE AND FEEDING MANUAL

Dear Owner,

Congratulations and thank you on your adoption of a piece of photographic history. These cameras were and still are amazingly simple, yet beautifully engineered to bring years of fantastic pictures. Your new camera has a few special features that set it apart from the original. These upgrades allow you to continue using the camera for years to come!

Your Camera has a name. We name each and every camera that comes through our small shop. Each unit hand cleaned, restored and upgraded. After hours with each camera, we find it fitting to assign a name suiting his or her personality. This can be found on the included Re-Birth certificate.

Unique and one of a kind, this camera is a 'Functional Antique'. It will have scratches, blemishes and will be quirky. Because we spend so much time with each camera, we are able to sort out the bad apples from the gems. We guarantee that your camera will have a long life. If ANYTIME you have issues please contact us, we're happy to help with tips or repair.



AMERICAN FUTURISTIC - 1962 WORLD'S FAIR

Cory Verellen
Founder, LandCameras.com

SPECIAL FEATURES OVERVIEW

BATTERY

Your camera has been converted to use a modern lithium iron phosphate (LiFePO4) battery. This battery technology is the latest the industry has to offer, and will last months (if not years!) without a charge. The battery is completely safe (unlike Li-Ion batteries) with a life expectancy of 1500+ charges. It has no "Memory" and can be charged at anytime to make sure you always have a fully charged battery.



FLASH

X-Sync Flash: LandCameras.com is proud to offer our customers the first truly X-Sync capable Pack Film modification. Though the professional models and Model 360 offer this feature natively, all other Packfilm cameras were unable to use modern electronic flash correctly. The modification we perform is an electro-mechanical adjustment to the shutter and flash timing system. This enables higher sync speeds and no visible light cutoff.



KEEP your camera clean! The rollers are very important to a good Polaroid picture. Don't neglect them. Simple mild soap and water on a paper towel is all you need to keep them healthy and smooth.

BATTERY

The original battery for these cameras is no longer in production. Although you can find batteries, they are increasingly difficult and expensive to obtain. This unique battery system allows your camera to run for months without charging it. These cameras take such little power that it is more important that the battery holds the charge. There is no 'ON' switch, no LCD screen, no review button; the only function of the battery is to activate the magnetic shutter, and for the operation of the light sensor.



THE BATTERY

CHARGING THE BATTERY



TIP

STORE your camera with the bellows closed. There is a switch that is activated when you close the camera. The switch disconnects the battery so that an exposure cannot be taken, and more importantly; deactivates the light sensor, preventing the battery from draining.

BATTERY

BEST PRACTICES

- 1 Charge your battery every 10 packs of film, or 4 months, whichever comes first. There is no "Battery Memory" penalty for doing this. These LiFePO4 lithium batteries are perfectly happy with charging them at any time in the charge cycle.
- 2 You don't need to remove the battery from the camera to charge it. Just insert the plug from the charging unit into the female receiver in the battery box. (See images on the previous page)
- 3 Do not use any charger other than the charger supplied with the camera kit. The only alterations we've made to the battery compartment is the addition of new wiring and a connector for the new battery. If your battery or charger gets lost or broken, replacements are available.
- 4 There is a LED light on the charger box. It will indicate when the battery is fully charged, or charging.
- 5 Do not attempt to remove the battery. The charging port has been glued into place. While not a permanent glue, there should never be a need to remove it.
- 6 Battery lifetime: You will be charging this battery so infrequently; there should never be a need to replace it. However if you have a defective battery, simply contact us (support@landcameras.com) and we will replace it free of charge.

FLASH

X-Sync Flash: LandCameras.com is proud to offer our customers the first truly X-Sync capable Pack Film modification. Though the professional models and Model 360 offer this feature natively, all other pack film cameras were unable to correctly synchronize with electronic flash systems. The modification we perform is an electro-mechanical adjustment to the shutter and flash timing system.

The original flash system was based on flash bulbs which needed to be replaced after every exposure. The nature of flash bulbs required the flash to be “ignited” slightly before the shutter was fully open. This is known as “M-Sync” Modern “X-Sync” flash systems ignite fast enough that they need to be triggered at the moment the shutter is fully open. If one were to place an electronic flash on an “M-Sync” camera, the result would be uneven and cutoff light, as the flash would fire before the shutter was fully open. The modification performed on this camera corrects the timing issue.



Folding pack film cameras were one of the very first cameras to ever have an automatic exposure system. The (lack of) sophistication in the Light Sensor system reflects this. While exposure is impressively good for such an early model, keep the following things in mind.



USE A flash with a diffuser attachment either built-in or as a slip-on cover. LandCameras.com carries a full line of accessories including flash units, diffusers, flash extension bars, portrait kits, close-up kits and every original accessory ever made for these cameras.

FLASH

- 1 Not all our models have the flash modification performed. As a rule, if your camera has a cold shoe then it can take an electronic flash.
- 2 Modern exposure systems calculate exposure the instant before taking the photo. The camera is then set to the metered settings and the exposure is taken. Not so with these cameras! Think of it as a “bucket system”. The exposure dial is set by the user, this determines how much light the camera will allow onto the film. When the exposure is taken the “light bucket” starts to fill. When the bucket is full, or the sensor has determined that enough light has reached the film, the shutter closes.
- 3 If there is a bright light source behind your subject, the sensor will try to keep that source in correct exposure. Remember it’s a bucket system, when the light bucket is full, the exposure is over. The camera will not meter off of what you are focused on. Either use the flash, or turn the exposure up at least 1 stop.
- 4 As you approach the higher shutter speeds, your sensor may not be sensitive enough to detect your flash accurately. This is a learning process; each camera is calibrated to a slightly different light value. Learn to think like the sensor, notice what the sensor will read in your photo. Adjusting exposure (shutter speed) accordingly will start to become natural.
- 5 It is very important to keep your finger on the shutter button. These are not like modern cameras which only need a single press to complete an exposure. If you remove your finger on a longer exposure, the shutter will close before the exposure is complete!
- 6 We have tested these on a number of different flash units, with success. Studio strobes and wireless setups work as well. We’ve found that the most important thing for the sensitive instant films is to make sure you’re properly diffusing the flash.

CONTACT & SUPPORT

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LandCameras.com is a community driven company that strives to get antique Polaroid cameras back in the hands of photographers. We provide support and repair for all folding pack film Polaroid cameras, whether we sold it to you or not. Please note that we are in no way affiliated with the Polaroid Corporation. Your camera comes with a full, 60-day parts & replacement warranty, from date of purchase.



For questions, support, special orders and custom requests:

Support@LandCameras.com