



This manual is current update of 1st May 2011. Please contact to PIXEL distributor for further information, if interesting of the combining usage with products released after this day.

Ce manuel a été mis à jour le 1er Mai 2011. Si vous voulez utiliser ce produit en combinaison avec un autre produit Pixel de production ultérieure, veuillez consulter votre revendeur Pixel pour toutes informations



[Http:// www.pixelhk.com](http://www.pixelhk.com)



Made in China  
Fabriqué en Chine  
PSM9 V20.01

# Flashgun Power Pack

## Accumulateur portatif TD 38X pour flash

Product Manual  
Manuel d'instructions

En

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## Catalogue

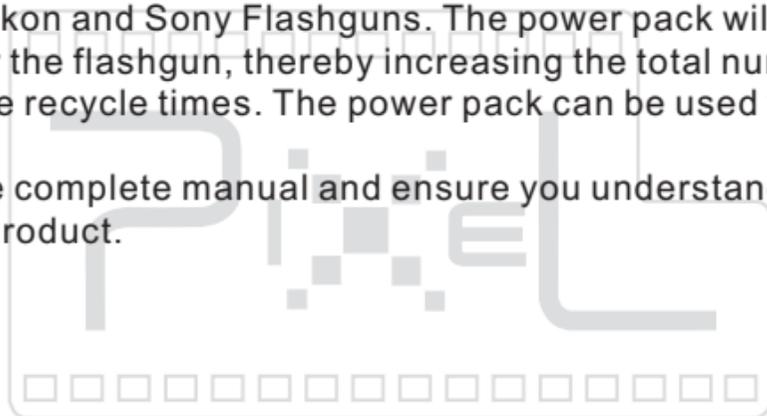
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## Overview

### Thank you for purchasing high-performance PIXEL products

Thank you for purchasing the Pixel Flashgun Power Pack. Compatible with specific Canon, Nikon and Sony Flashguns. The power pack will supplement the power provided by the flashgun, thereby increasing the total number of flashes and decreasing the recycle times. The power pack can be used with either 4 or 8 AA batteries.

Please read the complete manual and ensure you understand the instructions before using this product.



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## Cautions before use

The TD-38x Flashgun Power Pack provides high power to a high voltage device, it may cause personal injury and /or property damage, if the following precautions are not followed.

-  The battery should never be submerged in water or exposed to rain, moisture or saltwater. If water or moisture gets inside the battery, it may cause the battery to catch fire or cause an electric shock.
-  Never attempt to disassemble or repair the flashgun power pack yourself, as this may cause product malfunction which may lead to personal injury.
-  If the power pack is dropped and damaged, do not touch any exposed interior metal parts. Disconnect the power or remove the batteries, be sure that you do not touch any of the products electrical components. Take the product to your local Pixel dealer or authorized service center for repair.

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## Cautions before use

- ☞ If heat, smoke or a burning smell is detected, immediately stop using. Remove batteries to prevent further damage. Take the product to your local Pixel dealer or authorized service center for repair.
- ☞ Do not use the power pack in the presence of flammable or explosive gases, including propane, gasoline and dust, doing so may cause an explosion or fire.
- ☞ Keep this product away from children.
- ☞ Do not touch the flashgun power pack with wet hands.
- ☞ Do not apply strong physical shocks to the flashgun power pack, as this may cause a malfunction that could cause a fire or explosion.
- ☞ Never use active agents that contain flammable substances such as paint thinner, benzene and paint remover to clean the product.
- ☞ Remove the batteries, before storing the product for extended periods.
- ☞ Liquid/acid seeping from batteries are corrosive, avoid contact. If it comes in contact with your eyes, flush with water immediately and consult with a

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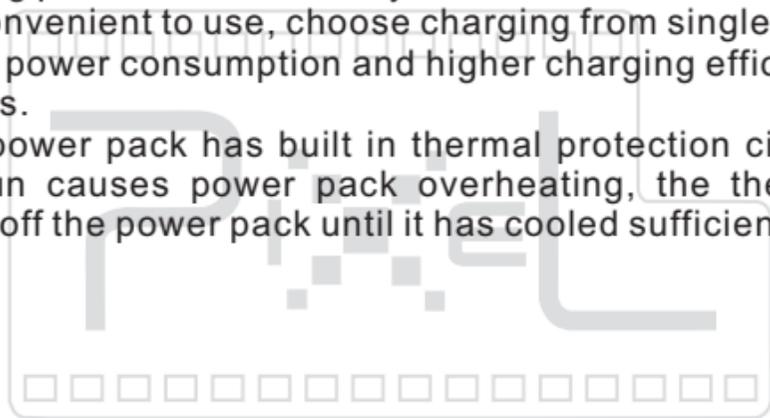
## Cautions before use

- ☞ doctor, serious damage may occur if not treated quickly. If the liquid/acid comes in contact with your skin or clothing, wash with water immediately, prolonged exposure will cause burns.
- ☞ Never heat or throw batteries into a fire, as this could cause the batteries to leak corrosive liquids, generate heat or explode.
- ☞ Do not short-circuit or disassemble the batteries.
- ☞ Do not mix battery types, brands or old with new batteries.
- ☞ Do not install batteries in reverse polarity.
- ☞ Be sure to use the battery charger specified by the battery manufacturer to avoid the possibility of battery leakage, heat generation or explosion.
- ☞ Do not carry or store batteries along with metallic materials which may cause short circuiting.
- ☞ Always follow the warnings and instructions printed on the batteries.
- ☞ Remove dead batteries from your flashgun power pack as soon as convenient.

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## Features of flashgun power pack

- Uses two groups/banks of batteries to symmetrically charge system, enables greater charging power and faster recycle times.
- Flexible and convenient to use, choose charging from single or dual banks.
- Lower standby power consumption and higher charging efficiency than other similar products.
- The flashgun power pack has built in thermal protection circuit, if frequent use of flashgun causes power pack overheating, the thermal protection circuit will turn off the power pack until it has cooled sufficiently.

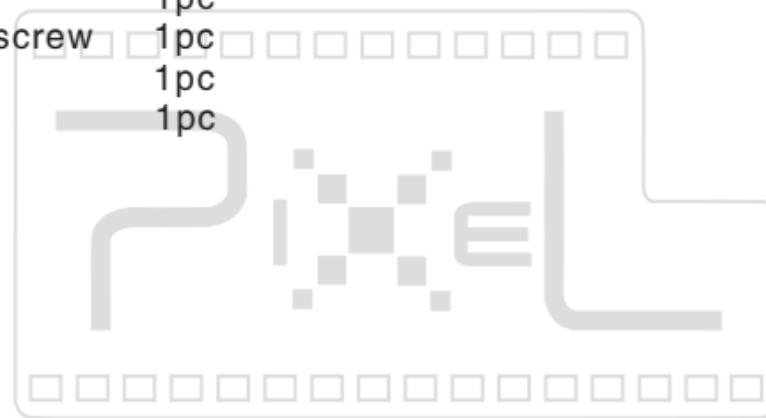


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## Included Items

Please check all the below items are in the box before using.

- 1、Flashgun power pack 1set
- 2、Soft case 1pc
- 3、Camera attach screw 1pc
- 4、Manual 1pc
- 5、Warranty card 1pc



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## Using of battery

- When replacing batteries, replace all four batteries of each set at the same time. Do not mix battery types or brands or use old with new batteries.
- When installing batteries, turn off the power of the flashgun and never reverse the polarity of the batteries.
- If the battery terminals become soiled, remove dirt and smudges before use, as this may cause contact failure.
- Battery power tends to weaken as the temperature drops. It also gradually decreases when batteries are not used for a long time and recovers after a short break following intensive use. Be sure to check battery power and replace the batteries with fresh ones if you notice any delays in the recycling time.
- Do not store batteries in locations subject to high temperatures and high humidity.
- Flash photography consumes a large amount of energy, batteries may not operate fully before reaching the end of their stated lifespan or number of charges as specified by the battery manufacturer.

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## Using of flashgun power pack

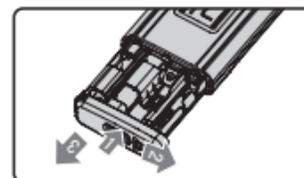
### Install the battery

Use the same type of four or eight AA type refill batteries of any of the following types.

Alkaline-manganese(1.5V)

lithium(1.5V)

Ni-MH(Nickel Metal Hydride)(1.2V)



1. Slide the battery hatch while pressing the lock release button at the middle of the battery hatch lid, then pull out the battery hatch.

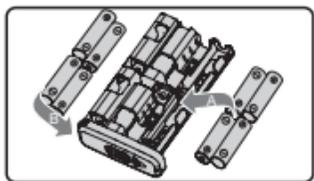


2. Install batteries according to the illustration inside the battery hatch.

- First, insert the - pole into battery hatch, then press into the + pole.
- Flip over the battery hatch and push out the battery from this hatch.

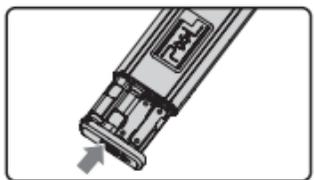
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## Using of flashgun power pack



3. Insert four or eight batteries.

- The type, brand and level of available power must be the same.

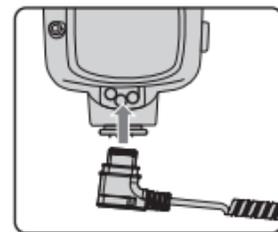


4. Ensure battery hatch and power pack body are both in the upright position. Insert the battery hatch into power pack body, battery hatch is spring loaded and may require a little pressure to close the battery hatch completely. Slide the battery hatch lid until it locks in place.

- If the battery hatch lid is slid into the closed lock position before the battery hatch is completely in the power pack body, the lock release button must be pushed and the hatch lid slid into the unlock position before reattempting to close the hatch lid.

## Using of flashgun power pack

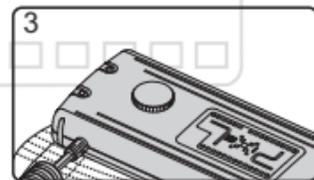
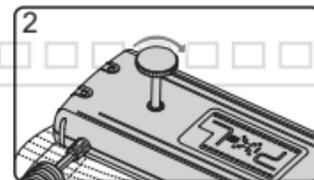
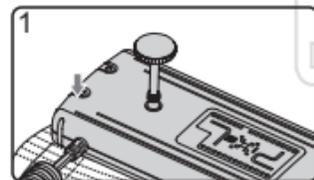
### Connect to flashgun



Plug the power pack cord to the flashgun external power source terminal.

- Batteries must be installed in the flashgun and must have enough power to turn on and power the controls.

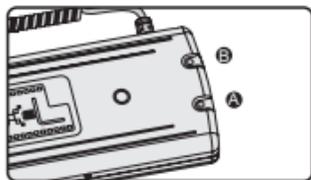
### Fixed flashgun power pack



Insert the supplied camera attach screw to the flashgun power pack tripod socket.

## Using of flashgun power pack

### Indicator status



1. The indicator light will be lit when the power pack is operating normally.
2. The indicator light will flash when low battery level is detected or when there are no batteries installed.

- TD-381, due to Canon's different system design, the indicator will light when charging, flash rapidly when on standby and flash slowly when low battery or no battery is detected.

## Specifications of flashgun power pack

The type of power pack	TD-381	TD-382	TD-383	TD-384
The type of test flashgun	580EX II	SB-900	SB-800	HVL-F56AM
The fastest recycling time(second)	1.24	1.92	1.88	1.72
The number of 1/1 full-brightness flash	595	577	524	546

### Testing Condition:

Battery : Using 4 AA Duracell alkaline batteries in flashgun, using 2 x 4 GP 2400mAh Ni-MH batteries in power pack.

Flash condition: 1/1 full-brightness flash per every 30 second; when the charge cannot be completed 30 second as energy depletion.

Temperature: 20°C

Dimensions(W x H x D): 170mm x 72.5 mm x 25mm

Weight(without battery): Approx.200g

Specifications and design are subject to change without notice.

Now you can start to use unique high-performance PIXEL product flashgun power pack. If you have any questions, you can contact the local distributor. Or visit the website <http://www.pixelhk.com>.