

## *The answer: Quantum Qflash*

Film or Digital...you have to have light!

Having the right light at the right place at the right time is a photographer's ultimate challenge. Today's photographers are looking for light weight, portable lighting with plenty of power, versatility, sophisticated features and compact design. The Quantum Qflash offers all of these and more.

Like the manufacturers' flashes, the Qflash can be mounted on a bracket above the camera lens and connected to the camera by a cord, cable or adapter. More on this later.

The flash can also be mounted on a light stand or pole away from the camera position for more dramatic lighting or fill light. Great for outdoor fill, events, receptions and other applications.



This is just one of several advantages of the Qflash over manufacturers' flashes. Other important differences include a "round reflector". As you know, all modern studio flashes use a round reflector because it renders a more pleasing quality of light. The Qflash uses this same type of round reflector unlike the manufacturers' flashes that are typically small rectangles-good for snapshots but not as suitable for quality portraits. This round reflector is also removable and many types of light modifier can be added to the Qflash such as softboxes, multisized reflectors and other front end accessories. Or the flash can be used "barebulb" for a room filling flash effect.



The Qflash also offers a modeling light like a studio flash to visually show where the light is falling and any shadows created. The flash tube is also removable by the photographer. This is not possible with the manufacturers' flashes.

The Qflash offers 150ws of power. The Qpaq can offer up to 400ws of power. In practice, the Qflash is putting 2 to 3 times the amount of light on the subject as the basic manufacturers' flash. There is plenty of flash power to fill an umbrella or softbox. Additionally, the higher power of the Qflash could allow the photographer to use a lower ISO for improved print quality.

Like the manufacturers' flashes, the Qflash can be used in numerous modes including full TTL, auto, manual, and multi-program when used with the appropriate TTL adapter. The flash can easily do outdoor "fill-flash". Just dial in the amount of fill you want using the TTL adapter mounted to the top of your camera. Fill-flash has never been easier. This is a great advantage to outdoor sports portrait photographers where natural light might be hard to control.

As you know, manufacturers' flashes are made to mount in a "shoe" directly on top of the camera. While this is convenient for "snapshots", it puts the flash in the wrong position when the camera is rotated for vertical shots. Since the flash would be coming from the side, the resulting image will have a long black shadow running down the side of the subject. A not very pleasing result.

The natural setup for a professional photographer would be to have the flash directly over the lens as shown below. It allows the flash to remain above the camera lens even when the camera is rotated for vertical images. The Custom Bracket is excellent choice for this bracket.



Visit [www.custombracket.com](http://www.custombracket.com) for a demonstration of the Custom Bracket.

Since the Qflash is not mounted directly to the top of the camera there is no “hot-shoe” connectivity. There is also no strain on the cameras delicate hot shoe.

While the Qflash can be connected to the camera using a traditional “PC” cord for basic operation, the use of the appropriate TTL Adapter will give the photographer access to the full menu of features for the Qflash.



Canon shown with TTL Adapter in hotshoe.

A word about a power source. Rather than use expensive double A batteries or other disposable batteries, the Qflash can use one of several “Turbo Battery” choices. A detailed comparison of batteries can be found at [www.qtm.com](http://www.qtm.com). Generally, a Turbo Battery offers excellent output for a single flash. The Turbo 2x2 offers about double the output and has terminals for multiple flashes or for a flash/camera combination. The Turbo Compact offers a small, light battery that can be mounted directly to the bottom of the camera or to a camera bracket.



For more Qflash information and a useful Qflash tutorial visit [www.qtm.com](http://www.qtm.com).  
For purchasing information visit [www.myphotorep.com](http://www.myphotorep.com)