



PROMASTER®
5050DXR DIGITAL

OPERATING INSTRUCTIONS

DEDICATED DIGITAL MODULE

TTL AUTO FLASH OPERATION

When attached with a 5050DXR digital module, the Promaster digital flash unit is provided with an automatic metering system. The camera's auto exposure function will automatically operate with this external flash to make the results of your flash photography even clearer and more natural, increasing the illumination area and allowing sophisticated flash techniques such as bounce-flash photography. Available light is metered through the camera's lens (TTL) and illumination is set automatically.

- All flash exposure settings are in the camera's control menu.

Digital Module CN:

- **E-TTL Auto** - The flash is controlled entirely by the camera, based on the information sent from it. The flash fires a pre-flash before the main flash fires so that the camera can obtain the necessary information on the subject to set the output of the main flash automatically.

Digital Module NK:

- **i-TTL Auto** - The flash is controlled entirely by the camera, based on the information sent from it. The flash fires a series of imperceptible Monitor Pre-flashes just before the flash fires so that the camera can obtain necessary information on the subject. The subject is then correctly exposed by the light from the flash and the exposure is hence less affected by the ambient light than in the conventional TTL mode. This is the feature of the new NIKON Creative Lighting System (CLS).

Digital Module PX:

- **P-TTL Auto** - The flash is controlled entirely by the camera, based on the information sent from it. The flash fires a pre-flash before the main flash fires so that the camera can obtain the necessary information on the subject to set the output of the main flash automatically.

Digital Module SN:

- **ADI Auto** - The flash is controlled by the camera, based on the information sent from it. The flash fires a pre-flash before the main flash fires so that the camera can obtain the necessary information on the subject to set the output of the main flash automatically.

ADI (Advanced Distance Integration flash metering) - Combines distance information from the autofocus system with information from a pre-flash exposure.

- High Accuracy ADI in combination with D Lens (lens with built-in distance encoder)

Digital Module OM:

- **TTL Auto** - The flash is controlled entirely by the camera, based on the information sent from it. The flash fires a pre-flash before the main flash fires so that the camera can obtain the necessary information on the subject to set the output of the main flash automatically.

FLASH DEDICATION

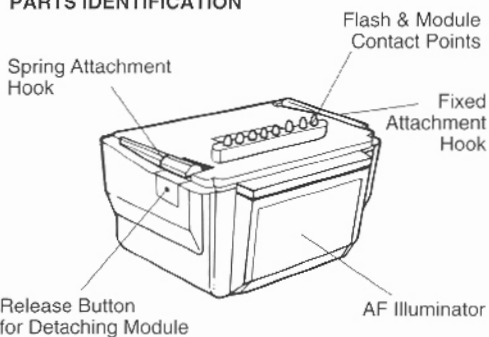
Promaster Digital Flash units require an interchangeable Dedicated Module to fit dedicated cameras for dedicated flash operation.

- **DXR Module CN** fits **CANON** digital cameras with E-TTL / E-TTL II autoflash metering system. (e.g. Compatible with Rebel XT, XTi, 5D, 30D)
- **DXR Module NK** fits **NIKON** digital cameras with i-TTL autoflash metering system. (e.g. Compatible with D200, D80, D70, D70s, D50, D40, D40X)
- **DXR Module PX** fits **PENTAX** digital cameras with P-TTL / TTL autoflash metering system. (e.g. Compatible with ist DS, DL, K100D, K10D)
- **DXR Module OM** fits **OLYMPUS** digital cameras with TTL autoflash metering system. (e.g. Compatible with E1, E300, E500)
- **DXR Module SN** fits **SONY** digital cameras with ADI / TTL autoflash metering system. (e.g. Compatible with α 100)

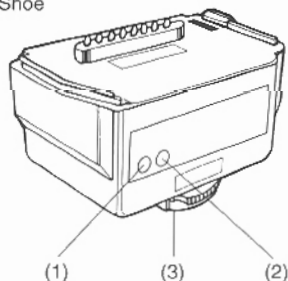
As different camera models operate differently for flash photography, please also refer to your camera Instruction Manual for additional details.

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PARTS IDENTIFICATION



- (1) Auto Functioning Indicator Lamp
- (2) Auto-check Indicator Lamp
On OM only, Rear-Curtain (Slow 2)
Synchronization Indicator Lamp
- (3) Hot-Shoe



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IMPORTANT NOTES:

- WHEN ATTACHING OR DETACHING THE MODULE, ALWAYS ENSURE THAT THE FLASH UNIT IS SWITCHED OFF.
- DO NOT ATTACH OR DETACH THE FLASH UNIT TO AND FROM THE MODULE WHILE STILL MOUNTED ON THE CAMERA.
- WHEN MOUNTING THE COMPLETE FLASH UNIT TO THE CAMERA, ALWAYS ENSURE THAT THE FLASH UNIT IS SWITCHED OFF.
- EACH DEDICATED MODULE IS DESIGNATED FOR A PARTICULAR RANGE OF CAMERAS. USE OF A DEDICATED MODULE NOT DESIGNATED FOR YOUR CAMERA MAY CAUSE DAMAGE TO THE EQUIPMENT.

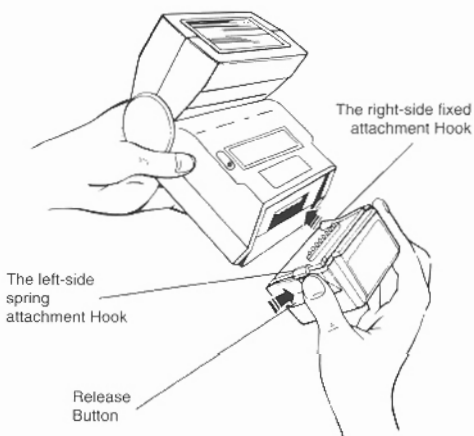
IT IS IMPORTANT TO FOLLOW THE ABOVE INSTRUCTIONS. OTHERWISE THE FLASH UNIT, MODULE AND/OR THE CAMERA MAY BE DAMAGED.

- Before attaching the Module to the Flash Unit, always ensure that the Module and the Flash Unit contact points are clean. Stains or dirt on the surface of the contact points may cause malfunction. A soft cloth should be used to clean the contact points.

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ATTACHING AND DETACHING THE DEDICATED MODULE

1. To attach the module, position the right-side fixed attachment hook onto the flash unit and then push the left-side of the module upward until the left-side spring attachment hook clicks into position.



2. To detach the module, depress the button on the left-side of module.

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