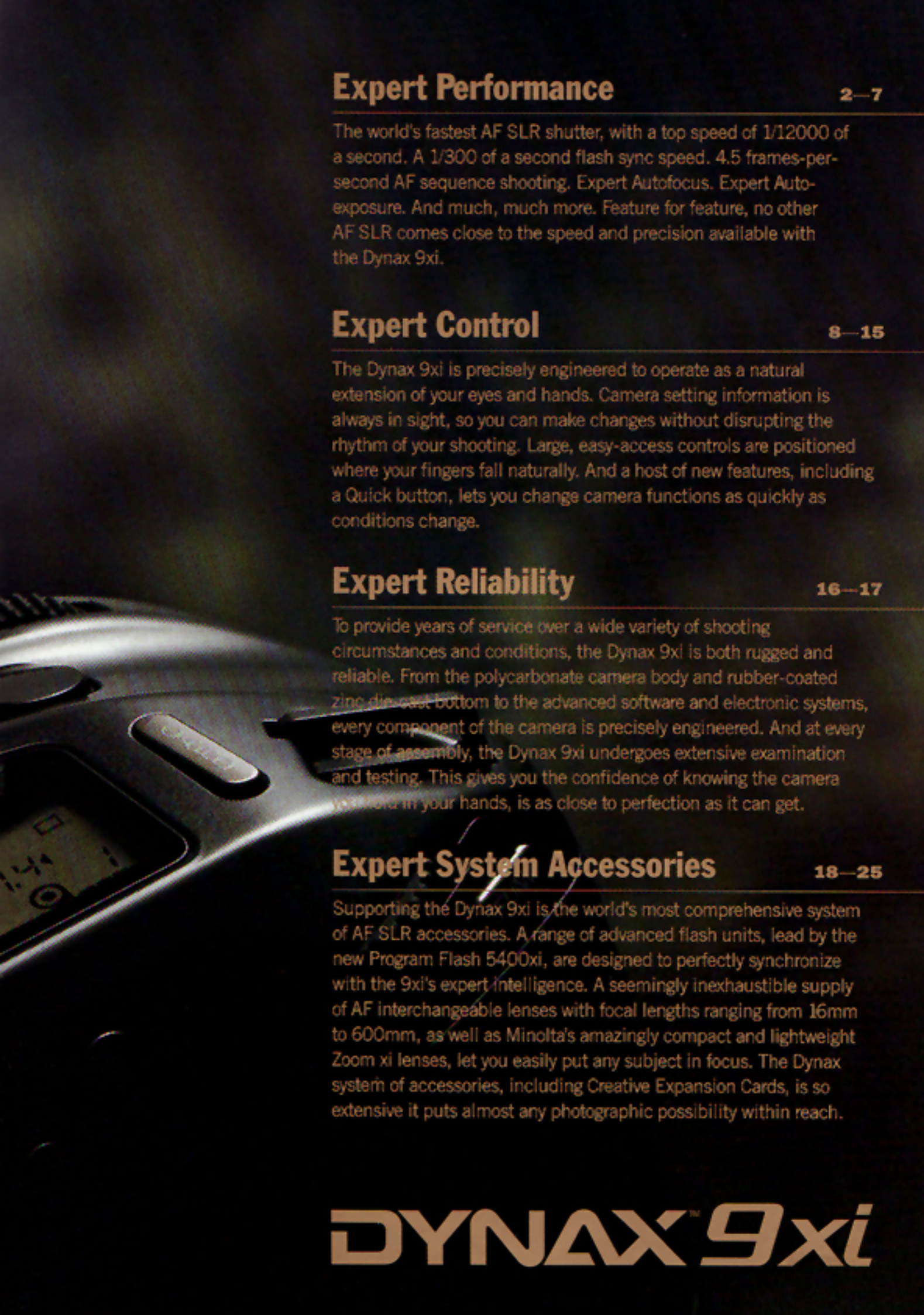
The ultimate AF SLR
with expert intelligence.

# DYNAX 9xi

MINOLTA


# Designed For The Ultimate In AF SLR Photography.

The Dynax 9xi is crafted to be a hardworking, dependable tool that helps you make the most of your experience as a serious photographer. A vast array of easily accessible, advanced camera functions allow you to create the photographs you want, precisely how you want, exactly when you want them. The Dynax 9xi will inspire you to add depth to your repertoire of photographic skills. And free your imagination to capture images on film, as beautifully and precisely as you envision them in your mind. With the Dynax 9xi in your hands you now have the unique capability, and the ultimate measure of control, to make the very best of any photo opportunity.





DYNAX™ 9xi

# Expert Performance

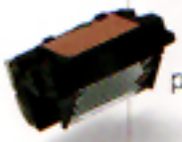

Pictured with AF 200mm f/2.8 Apo attached

# Expert Autofocus System

**Using fuzzy logic algorithms, the Dynax 9xi processes information with a degree of speed and accuracy unmatched by traditional logic systems. This gives the camera the capability to focus more quickly and precisely, even with erratically moving and fast moving subjects. Activated by Eye-Start Automation, Expert AF is always ready when you are.**

### Ultra-Wide Focus Area With Multiple Sensors

With the world's widest focus area, the Dynax 9xi gives you vastly increased shutter chances and more compositional choices. Four highly sensitive CCD sensors are arranged to focus on subjects with a degree of speed and accuracy never seen in an AF SLR. If the sensors detect more than one subject, or subjects at different distances, the fuzzy logic controlled Expert AF system determines which sensor is reading your main subject. When the Dynax 9xi is held vertically, the top CCD sensor automatically switches to optimize the AF system for vertical pictures, and the brackets change to indicate the new AF area.



The Dynax 9xi's ultra-wide focus area makes it easy to track moving subjects and gives you much greater flexibility over picture composition.

For stationary subjects, the Dynax 9xi automatically locks focus.

### Multi-Dimensional Predictive Focus Control

The Dynax 9xi's Multi-Dimensional Predictive Focus Control provides the ultimate degree of compositional control with moving subjects. Together with 3-Dimensional Subject Tracking, this system enables the 9xi to follow and predict erratic movements, including subjects that are rapidly accelerating, decelerating or travelling parallel to the film plane. This provides the added security of knowing you can capture a moving subject, in extremely sharp focus, at the absolute peak of action. So you can focus greater attention on details such as subject position and overall picture composition.

Multi-Dimensional Predictive Focus Control calculates changes in subject distance even while the camera's mirror is moving and the aperture is closing, to maintain sharp focus to the instant of exposure.

### Automatic Focus-Mode Selection

The instant you locate your subject in the ultra-wide focus area after Eye-Start Automation, Automatic Focus Mode Selection begins to determine which focus mode is needed. If subject movement is detected, the 9xi focuses the subject continuously. Using Expert Intelligence, the focus setting adjusts smoothly and continuously until the shutter actually makes the exposure. So even subjects shot in high-speed continuous drive mode remain in focus. For still subjects such as portraits, focus is automatically locked.

### High-Sensitivity Low-Light AF

In light levels as low as EV-1, the Expert AF system's CCD sensors are able to detect subtle changes in subject brightness between individual pixels in the ultra-wide focus area. This allows the Dynax 9xi to maintain pinpoint focusing accuracy in low light conditions effortlessly. To aid focusing in extremely low light levels, or when subject contrast is too low to be read by the CCD sensors alone, the 9xi's built-in AF illuminator's three LEDs automatically project a pattern of lines onto subjects up to nine meters away.

# World's Fastest Features

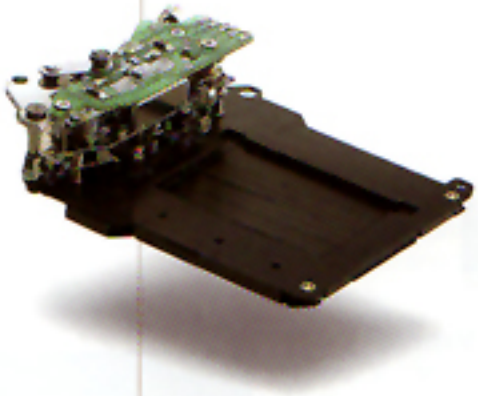
**Conceived and assembled around a core of the world's fastest AF SLR features, the Dynax 9xi is a finely crafted instrument that offers you far more creative latitude to select camera settings that best suit your subjects and the way you wish to capture them on film.**

AF 80-200mm 1/2.8 Apo-in S mode at 1/32000 sec.

AF 85mm f/1.4 in M mode at 1/32000 sec., f/1.4.

### 1/12000 Sec. High-Speed Shutter

With speeds up to 1/12000 sec., the Dynax 9xi's high-speed shutter allows you to stop fast action with more precision than ever, as well as extend the camera's overall performance. The shutter's high speeds allow the use of larger apertures in bright light with fast films. You'll find this especially useful when taking outdoor portraits. The unprecedented high shutter speed is made possible by constructing eight of the shutter's ten blades of carbon fiber-reinforced epoxy. As a result, the shutter curtains are extremely lightweight, durable, and capable of starting and stopping quickly without vibrating the camera body.



### 1/300 Sec. Flash Sync

The Dynax 9xi's world's fastest 1/300 sec. flash sync speed gives you an extremely wide range of aperture/shutter speed combinations to choose from. The availability of wider apertures makes it easier to control the depth of field in a scene when taking outdoor fill-flash pictures. The top sync speed provides a more natural balance for daytime flash pictures, gives greater depth of field control in flash pictures, and enables you to freeze faster moving action with remarkable clarity when using a flash outdoors.

AF 28mm f/2 with Program Flash 5400xi in S mode at 1/300 sec.

### 4.5 Frames-Per-Second AF Sequence Shooting

The speed with which the 9xi's expert intelligence system processes subject information allows focusing to continuously update on every frame with moving subjects, to a top speed of 4.5 frames-per-second. Not only is this faster than humanly possible, it's faster than any AF SLR ever developed. And because everything is built-in, there's no need to attach a heavy and cumbersome accessory motor drive and external battery pack to the camera.

AF Zoom xi 28-300mm f/3.5-4.5 in S mode at 1/2000 sec.

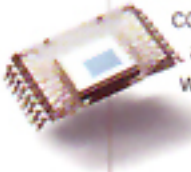
# Expert Autoexposure System

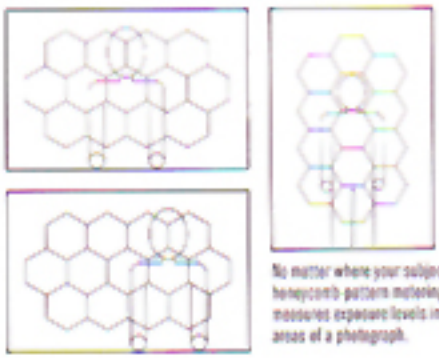
**With three metering modes and four exposure modes to choose from, the Dynax 9xi offers an incredible range of creative flexibility. You can take full advantage of the precision and convenience that's only possible with honeycomb-pattern metering, or choose center-weighted average metering or spot metering. A metering index in the 9xi's viewfinder helps you determine whether the exposure the camera has selected will provide the results you desire.**

AF 300mm f/2.8 Apo in P mode.

### Honeycomb-Pattern Metering

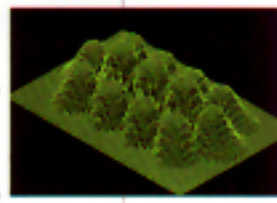
The Dynax 9xi's 14-segment honeycomb-pattern metering is intrinsically integrated with the camera's AF system to provide exceptionally precise metering for a wide variety of subjects and lighting conditions. The uniform size and shape of the individual segments precisely matches the metering pattern to your subject. Furthermore, fuzzy logic smoothly and continuously controls the weighting of each segment. If your subject moves, or the metering pattern shifts, the individual segments gradually fade up or down as conditions change. A metering index compares automatic exposure settings with a center-weighted average reading to give you a visual indication of how the camera is operating.





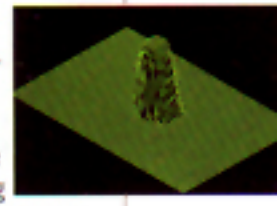
No matter where your subject appears, honeycomb-pattern metering precisely measures exposure levels in 14 separate areas of a photograph.

### Center-Weighted Average Metering



Center-weighted average metering operates independently of the Dynax 9xi's Expert AF system, so you have more direct control over exposure. This means you can make adjustments in advance or while you're composing a picture. By concentrating 80% of the exposure system's metering sensitivity in the center cluster of three honeycomb segments and the remaining 20% in the surrounding 10 segments, center-weighted average metering gives you consistent, predictible results. A metering index shows the amount of exposure compensation.

### Spot Metering



You can get pinpoint exposure control and analyze lighting situations using spot metering. In this mode, the exposure reading is limited to the circle seen in the center of the viewfinder—actually less than 3% of the entire image area. The viewfinder's metering index displays the difference in brightness between the memorized reading and the spot metering circle so you can easily compare, for example, the highlight and shadow areas of your picture.

The Dynax 9xi's wide shutter-speed range allows it to use larger apertures in bright light, decreasing depth of field and separating your subject from the background in closeup portraits.

The Dynax 9xi provides sharp focus for extreme closeups by selecting an aperture setting needed to increase depth of field in combination with a shutter speed fast enough to prevent picture blur caused by camera shake.

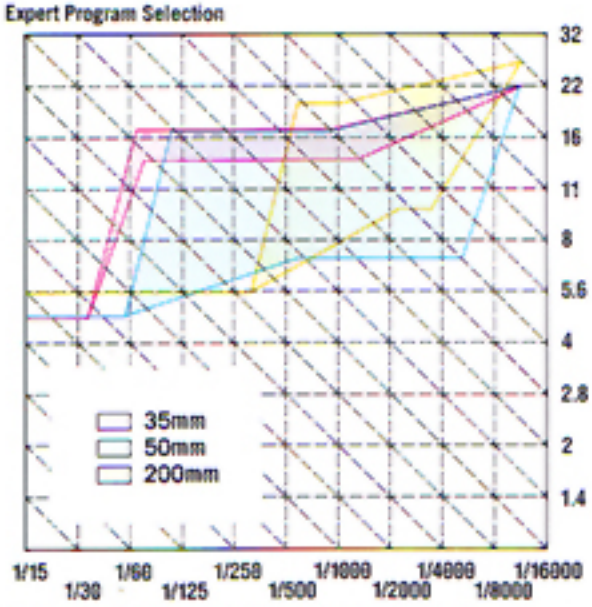
Shutter speeds up to 1/12000 sec., and an ultra-wide focus area with multiple CCD sensors, combine to make fast-action photography less challenging.

For landscapes and distant portraits, the Dynax 9xi has the remarkable capability to automatically maximize depth of field, while keeping your main subject properly exposed.

## Expert Program Selection

Using fuzzy logic, Minolta's unique Expert Program Selection has the remarkable capability to recognize the differences between situations such as a landscape and a closeup, or a still-life and a moving subject. It considers the focal length of the lens in use, as well as your subject's brightness level, magnification, position and motion. As a result, all you really have to do to set a shutter speed and aperture combination needed for a beautiful picture, is simply aim the camera and press the shutter-release button.

**Expert Program Selection**




Program lines for stationary subjects when used with AF Zoom xi 35-200mm f/4.5-5.6

## Creative Exposure Control

In addition to Expert Program Selection, the Dynax 9xi's primary exposure mode, three additional modes may be easily selected for more creative exposure control. In A mode, you may select the aperture you want, in 1/2-stop increments to precisely control the depth of field in your picture. In S mode, turning the front control dial changes the camera's shutter speed in 1/2-stop increments, from 30 seconds to 1/12000 of a second for varying degrees of sharpness with moving subjects. And in M mode, you can adjust either the shutter speed or aperture setting in 1/2-stop increments to obtain the creative effect you're looking for. The metering index helps you get the exposure you want, quickly and easily.

## PA/PS Creative Program Control

From P mode, a turn of the front or rear control dial gives you quick, temporary access to either aperture or shutter speed settings, as in A mode or S mode. Turning the front dial allows you to change the shutter speed in 1/2-stop increments. The camera will automatically adjust the aperture setting to maintain a correct exposure, even if lighting conditions change. Turning the rear dial changes aperture settings in 1/2-stop increments, and the camera maintains the correct exposure by adjusting the shutter speed.

# Expert Control


Pictured with AF 85mm f/1.4 attached

## Customized Function By Quick Button

Because individual photographers have unique needs, the Dynax 9xi has been designed with built-in flexibility that allows personal input. The Quick button provides instant access to advanced camera functions by allowing you to program operations that other cameras offer only through manual adjustments. The Quick button provides three additional functions and automates three processes that let you easily tailor the 9xi to your style, your touch, as well as put more control in your hands.

- **Exposure Bracketing**

You can easily make a series of bracketed exposures by pressing the Quick button in Exposure Bracketing mode. In this mode, the Dynax 9xi adjusts the automatic exposure setting in a 3-frame series with a ±0.5EV change around the metered exposure.

- **Flash Bracketing**

When a dedicated Minolta Program Flash is attached to the Dynax 9xi, pressing the Quick button in Flash Bracketing mode allows the camera to shoot a 3-frame series with the flash output automatically adjusted to provide −0.5EV, metered exposure, and +0.5EV.

- **Multiple Exposure**

In Multiple Exposure mode, the film will not advance when you press and hold the Quick button, so you can make an unlimited number of exposures on a single frame.

- **Drive Mode Selection**

You can quickly change how the Dynax 9xi advances film by pressing the Quick button in Drive mode. If high-speed or low-speed continuous advance is set, pressing the Quick button changes the setting to single-frame advance. If single-frame advance is set, pressing the Quick button changes the setting to high-speed continuous advance.

- **Spot Metering Selection**

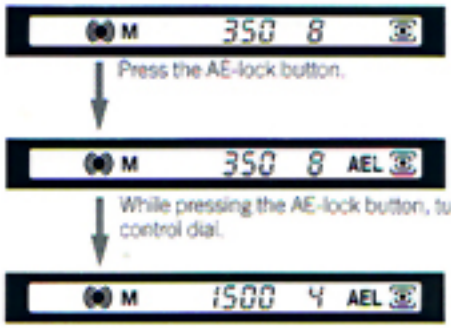
Whether you're using honeycomb-pattern metering or center-weighted average metering, pressing the Quick button in Spot mode provides fast access to measure exposure for just the portion of your subject or scene you want.

- **AF Area Selection**

You can tailor the Dynax 9xi's focus area to best suit your subject using the Quick button in AF Area Selection mode. If the ultra-wide focus area is selected, pressing the Quick button activates the center local area alone temporarily. To select any of the other local focus areas, simply turn the front control dial while holding the Quick button. If a local area is already in use, pressing the Quick button restores the ultra-wide focus area.

## Manual-Shift

In M mode you can smoothly change the combination of shutter speed and aperture settings in 1/2-stop increments, without changing the overall exposure you've manually selected. Simply press and hold the AE-lock button, and turn the front control dial. Shutter speed and aperture changes will be displayed in the Dynax 9xi's viewfinder and LCD.




## Lens Function Button

You can easily lock focus on your main subject to recompose a picture, simply by pressing the lens function button on any Minolta Zoom xi Lens, or the focus-hold button on some AF lenses. In addition, the Custom Function Card xi allows this function to be changed to activate either spot focusing with the center local AF sensor, or continuous AF.

Minolta's exclusive Eye-Start Automation gives an added dimension of speed to the camera's overall response time. A touch sensor in the Dynax 9xi's grip activates an infrared emitter/detector located beneath the viewfinder eyepiece as you grasp the camera. This activates the 9xi's AF and AE functions as soon as you bring the camera to your eye. As long as you look through the viewfinder, the 9xi is ready to respond.

**Eye-Start Automation**

The PC terminal increases the Dynax 9xi's versatility by allowing you to connect PC-type flash-sync cords to the camera. This makes the 9xi compatible with large studio strobes and other non-dedicated flash units. When a flash unit is attached to the PC terminal, the x-sync speed can be set up to 1/250 sec. When a dedicated accessory flash unit is attached to the Dynax 9xi and the camera is set to P-mode, pressing and holding the flash control button causes the flash to fire regardless of the ambient light level.

**PC Terminal & Flash Control Button**

**Rubber-Coated Front/Rear Dials**

The well-placed front and rear control dials give you quick access to a wide range of camera functions including shutter speed and aperture settings, exposure mode and exposure compensation, focus area and metering pattern selections and more. To provide a secure, non-slip surface for your thumb and forefinger, both dials are ribbed and rubber-coated.


**Focus Priority/Release Priority**

In Focus Priority mode, when the Dynax 9xi is autofocusing, the shutter will not release until the main subject is in focus. This helps ensure a high percentage of sharp images even when following a moving subject and the camera is in high-speed continuous advance. In Release Priority mode, continuous AF and multi-dimensional predictive focus control are functional, but the shutter will release even if the subject is not in perfect focus. This allows the maximum frame rate to be achieved as long as the shutter release is pressed.

Whenever lighting conditions become difficult or rapidly change, the AE-lock button allows you to control exposure to creatively emphasize any part of a scene. Furthermore, if a dedicated program flash unit is attached to the Dynax 9xi, pressing the AE-lock button engages slow shutter-sync.

**AE-Lock Button**


In low light situations, the Dynax 9xi's large body data panel automatically lights up to permit easy confirmation of camera settings including the frame counter, card indicator, and much more.

**Back-Lighted LCD**


**Long Eye-Relief Diopter Adjustment**

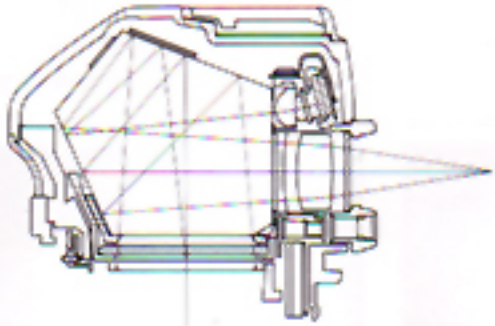
Especially useful for photographers who wear glasses, the Dynax 9xi's long eye-relief finder allows full viewing of the viewfinder up to 22.6mm from the viewfinder's protective glass. In addition, turning the diopter adjustment dial allows delicate adjustment of the eyepiece from −2.5 to +1 diopters, to bring the focus frame in the viewfinder into sharp focus. For diopter correction beyond this range, the optional Eyepiece Corrector 1000 may be attached to the viewfinder.

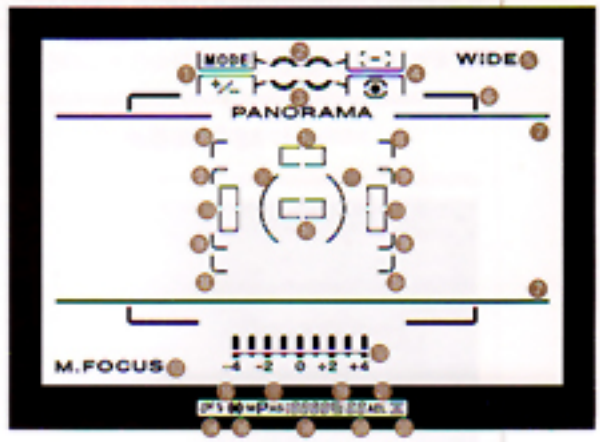
**Depth-of-Field Preview Button**

Pressing the depth-of field preview button closes the lens aperture to the f-stop indicated in the data panel. This is especially useful for macro-photography, or anytime you wish to evaluate the depth of field in a scene. This electric preview button ensures smooth and easy operation.

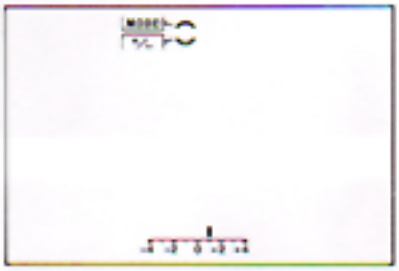
# Advanced Graphic Display Viewfinder

**The Dynax 9xi's bright Advanced Graphic Display Viewfinder is one of those rare design concepts that transcend existing technical limits. It displays all the information you need to monitor camera settings, right before your eyes, including the focus and exposure modes currently selected, as well as focus and metering areas. In addition, this display superimposes only the relevant camera control information over the viewfinder image, so you can quickly adjust camera settings using the front and rear control dials without taking your eye away from the viewfinder.**

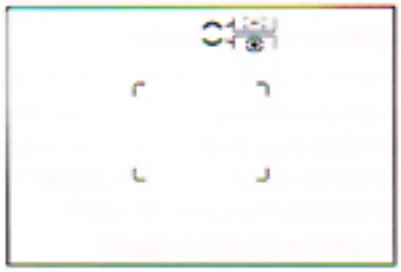





## Dial Function Indicator



Pressing the function button once lets you monitor the current function assignments when you select an exposure mode with the front control dial and adjust an exposure setting using the rear control dial.



Pressing the function button again allows you to change the function assignments when you select a local focus area using the front control dial and metering mode with the rear control dial.

- Function 1 (Exposure mode, Exposure adjustment)
- Front control dial mark
- Rear control dial mark
- Function 2 (Focusing area, Metering mode)
- Wide-view indicator
- Film-frame indicator (wide-view mode)
- Panorama indicator
- Wide focus frame (camera held horizontally)
- Wide focus frame (camera held vertically)
- Local focus areas
- Spot-metering area
- Metering index
- Manual-focus indicator
- Flash-on indicator
- Flash-ready indicator
- Focus signals
- Exposure-mode indicators
- Shutter-speed/film-speed display
- Exposure-adjustment indicator
- Aperture/Exposure adjustment display
- AE-lock indicator
- Metering-mode indicator

## Focus Area Indicator

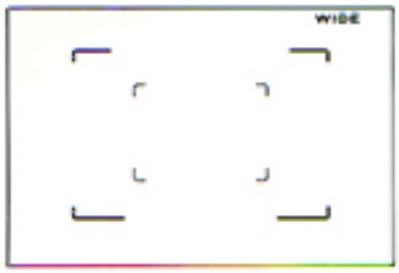
In most situations, the Dynax 9xi's ultra-wide focus area, using four AF sensors, appears in the viewfinder. When you hold the camera vertically the optimum focus frame for vertical shots, using three AF sensors, is automatically indicated. One of four local focus areas may also be temporarily selected using the Quick button or locked using the function button and front control dial.

Local focus areas

Ultra-wide focus area when framing a picture horizontally.

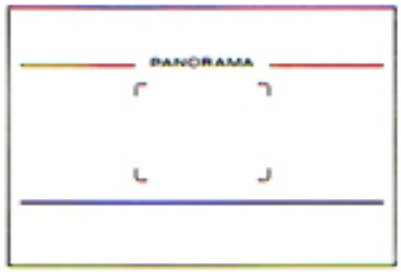
Ultra-wide focus area when framing a picture vertically.

**Spot Metering Area**
When you select spot metering, you can precisely measure the center segment consisting of less than 3% of the entire viewfinder image, corresponding to the pair of brackets shown in the center of the viewfinder.




**Wide-View Indicator**
When wide-view mode is selected, 150% of the actual picture is displayed in the viewfinder, allowing easy confirmation of whether the framing is appropriate for the scene with any Zoom xi Lens.


**Manual Focus Indicator**
The manual focus indicator is displayed when the manual focus mode is selected.

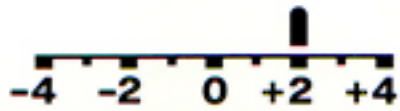



**Panorama Indicator**
Use of the Panorama Adapter is automatically indicated in the 9xi's viewfinder screen. If, however, the Panorama Adapter is not used with the camera, the panorama frame in the Dynax 9xi's viewfinder can be manually activated to provide a temporary composition aid.

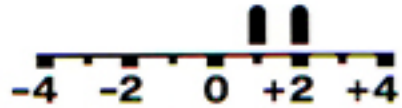
**Focal Length Indicator**
When a Zoom xi Lens or an AF Power Zoom Lens is attached to the Dynax 9xi, pulling back on the lens control ring causes the current focal length to appear in the viewfinder data panel below the image area. This display will remain for approximately four seconds after the ring is released and will change as the lens is zoomed. You can also confirm the focal length in the body data panel.


Body data panel

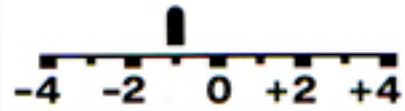

**Metering Index**
The metering index is a multi-purpose display that appears in the viewfinder in four instances. This helps you learn how the Dynax 9xi sets exposure for different scenes, and compare manual exposure settings to the camera's meter reading. The index ranges from +4 to −4 EV and shows 1/2-stop increments.



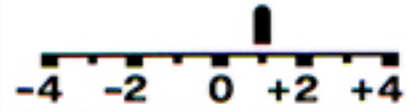

In 14-segment honeycomb-pattern metering mode used with P, A or S mode, the metering index appears when the function button is pressed once. The difference between the exposure for the current scene as determined by center-weighted average metering, and the exposure which the current shutter speed and aperture will provide is shown. This shows graphically how the 9xi compensates exposure for back lit, spot lit or off-center subjects.




When you press the function button once in center-weighted average metering mode used with P, A or S mode, the index will show the amount of exposure compensation you have selected manually.

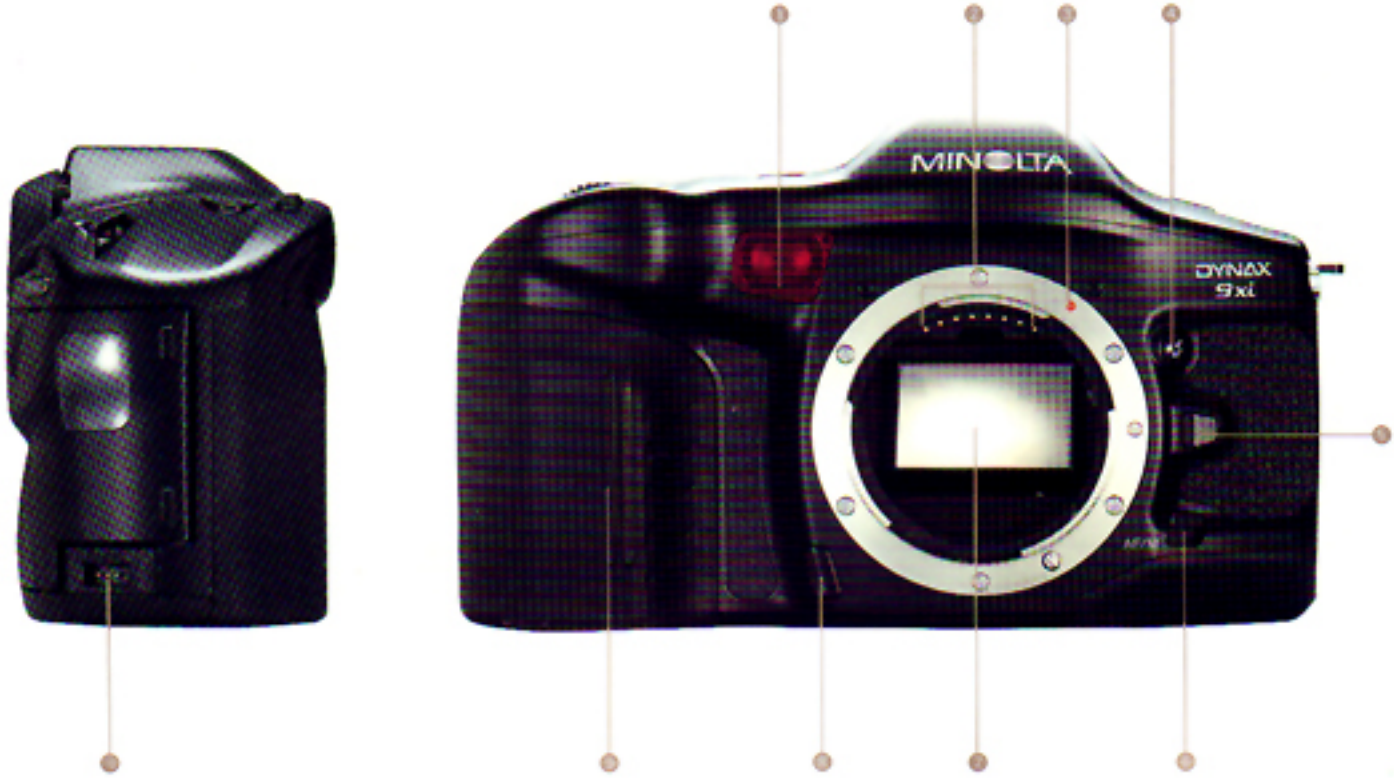



When you press the AE lock button in spot metering mode used with P, A or S mode, the metering index will show the difference between the locked value and the brightness of the area currently in the spot circle. This allows you to compare highlight and shadow areas or analyze the contrast range of your scene.

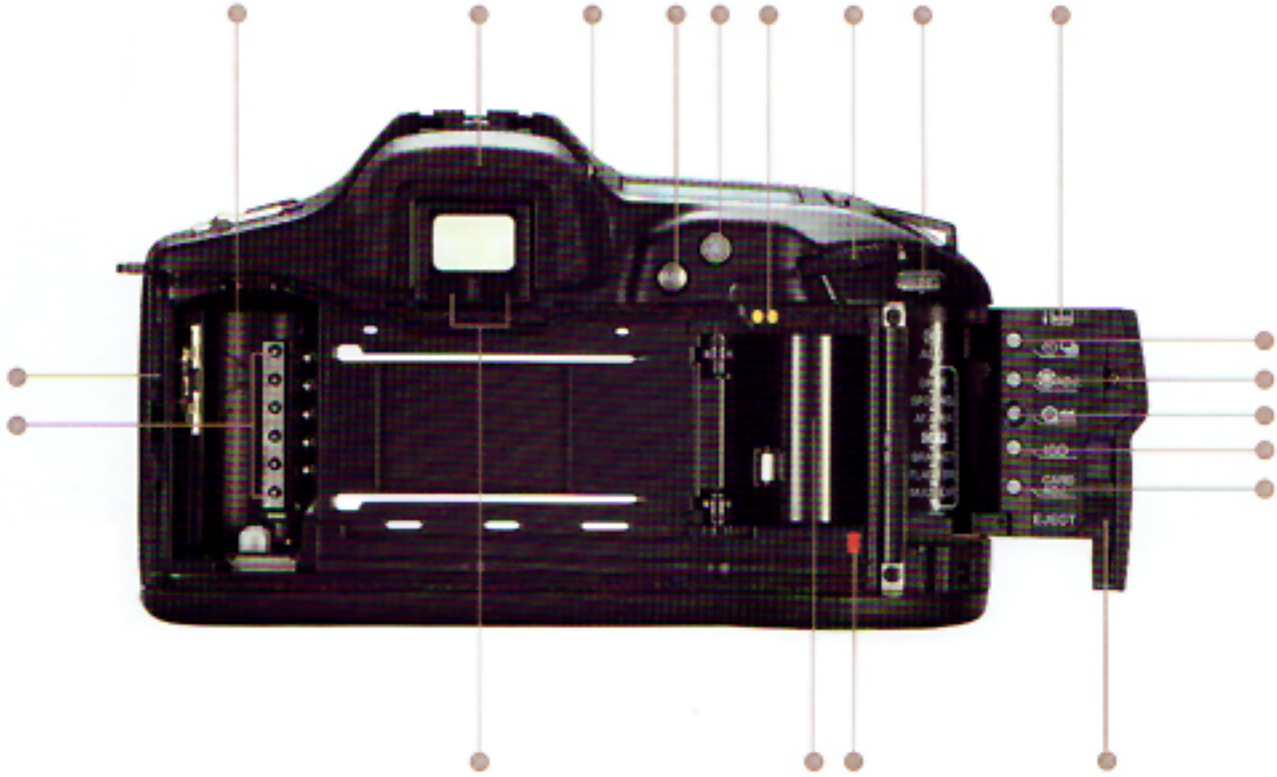


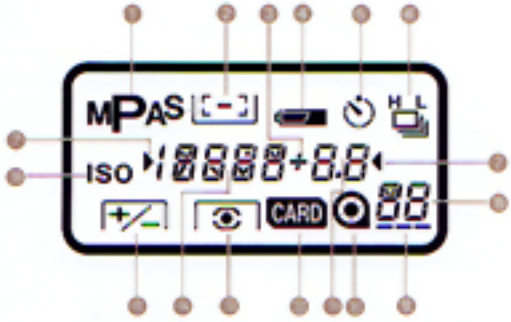

When the Dynax 9xi is in M mode, the metering index always appears to indicate the difference between the exposure setting you've selected, and the exposure setting the camera's meter reads.

# Names Of Parts




1. AF illuminator/self-timer light
2. Lens contacts
3. Mounting index
4. Flash-control button
5. Lens release
6. Focus-mode switch
7. Mirror
8. Depth-of-field preview button
9. Grip sensor
10. Remote-control terminal
11. Tripod socket
12. Film chamber
13. Eyepiece cup
14. Diopter-adjustment dial
15. AE-lock button
16. Quick button
17. Accessory-back contacts
18. Rear control dial
19. Function button
20. Card door
21. Self-timer/drive-mode button
22. Quick-adjust button
23. Manual/Silent-rewind button
24. ISO button
25. Card-adjust button
26. Card-eject slide
27. Film-leader index
28. Sprocket
29. Eyepiece sensor
30. DX contacts
31. Back-cover release
32. Program-reset button
33. Wide-view mode button
34. Front control dial
35. Shutter-release button
36. Strap eyelet
37. Card on/off button
38. Body data panel
39. Accessory shoe
40. Main switch
41. PC terminal



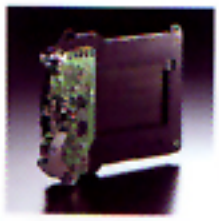

**Body Data Panel**

1. Exposure-mode indicators
2. Wide/local focus indicator
3. Exposure-adjustment reminder
4. Battery-condition indicator
5. Self-timer indicator
6. Drive-mode indicator
7. Selectable setting pointers
8. Frame counter/Quick setting display
9. Film-transport signal
10. Film-cartridge mark
11. Aperture/Exposure adjustment/card setting display
12. Card indicator
13. Metering-mode indicator
14. Shutter-speed/film-speed/card name/ local AF area display
15. Exposure-adjustment indicator
16. Film-speed mark

# Expert Reliability


Pictured with AF 28-85mm f/3.5-4.5 NEW attached

### 1/12000 Sec. Shutter Unit



To reach a top speed of 1/12000 sec., and 4.5 frame-per-second AF sequence shooting, the Dynax 9xi's shutter employs a host of advanced design features to ensure precise, stable operation. Eight of the ten shutter blades are made of carbon-fiber-reinforced epoxy. This strong, lightweight material allows the blades to withstand the force of repeated firings at the highest speeds, and reduces vibration. And an extremely efficient, compact coreless motor provides the high torque and high speed needed to cock the shutter and return the mirror rapidly between exposures. This enables the 9xi's AF system to resume tracking sooner after an exposure is made.

### Camera Body Construction

To withstand the rigors of frequent use, the Dynax 9xi's camera body is designed and constructed to meet the requirements of the most demanding photographers. Glass fiber-reinforced polycarbonate absorbs shock and fits the camera like a tough, protective skin. The lens mount is machined from oil-impregnated, sintered stainless steel to reduce friction between the camera and the lens, ensuring a tight fit even after countless lens changes. To help ensure perfect shutter and mirror alignment as well as maintain its dimensional stability over a wide temperature range the mirror box is constructed of zinc die-cast and stainless steel.

### UV Coating

For further protection against everyday wear and tear, a UV-hardened polymer covers areas of the Dynax 9xi's outermost surface that may be most susceptible to scratching and gouging.

### Rubber-Coated, Zinc Die-Cast Bottom

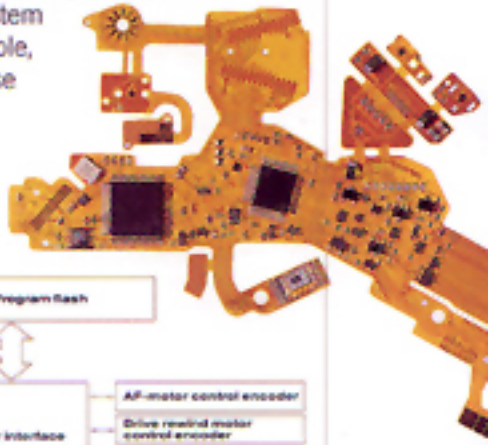
To give the Dynax 9xi's advanced electronic circuitry and inner mechanisms an extra measure of protection, the camera's bottom is made of strong zinc die-cast. This also ensures added strength and stability when the 9xi is mounted on a tripod. To help absorb shock, the bottom is partially covered with a thick rubber pad.

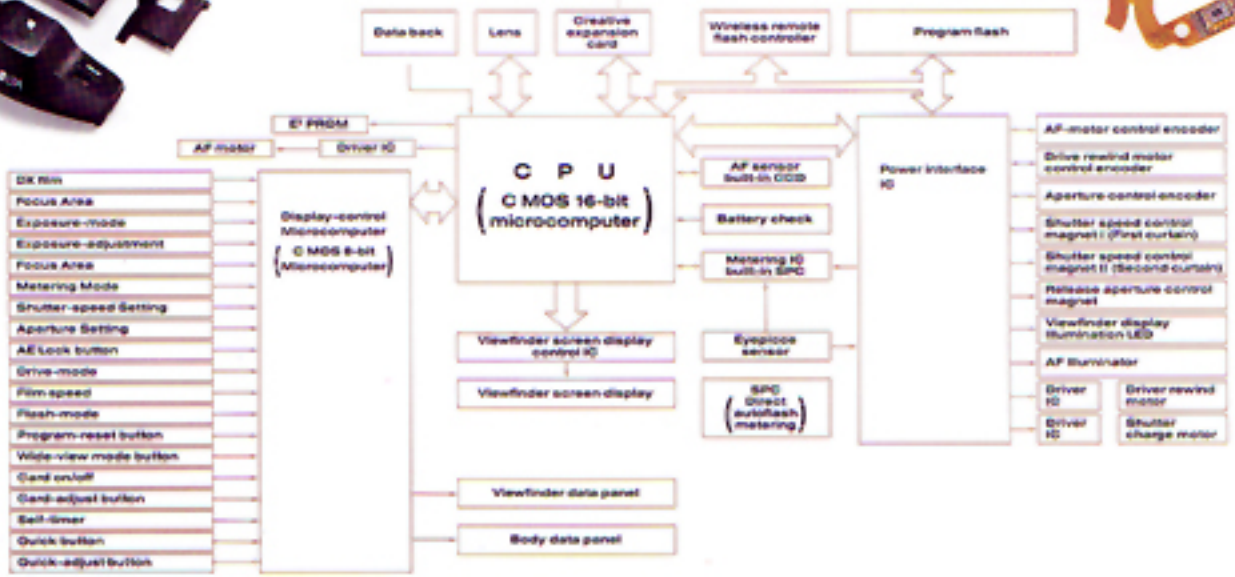
### Dust And Moisture Protection

To help ensure years of trouble-free operation, the Dynax 9xi has been carefully designed to withstand exposure to the elements. The shutter-release button is oversized and sealed with a rubber gasket. And all controls and camera body seams are designed to provide a high degree of dust and moisture resistance.

### Fuzzy Logic Computer System

At the heart of the Dynax 9xi's Expert AF System is a 16-bit CPU which operates at a clock speed of 20 megahertz (MHz). Using fuzzy logic algorithms, this reliable microprocessor acts as a "host computer" that completely interfaces with all camera operations and system accessories. This allows the 9xi, among other things, to monitor subject position in real time. The result is a precise system that provides a more flexible, more human-like response under any condition.





# Expert System Accessories

## Program Flash 5400xi

Featuring zoom flash coverage from 24mm to 105mm, and an impressive guide number of 54 in meters (at 105mm and ISO 100), the Program Flash 5400xi is the most powerful flash unit available for the Dynax 9xi. The 5400xi works in all modes, including advanced remote off-camera mode. You can also fine-tune the flash to fit your own special needs. The 5400xi has a two-way bounce head that tilts 90-degrees upwards and pivots 270-degrees side-to-side.

### Slow-Shutter Sync

Add a little extra to your flash photography by pressing and holding the AE-lock button while you take a picture. If you are using the Program Flash 5400xi, the Dynax 9xi will set a slower shutter speed. This exposes more of the ambient lit areas in a scene, while keeping your main subject naturally illuminated.

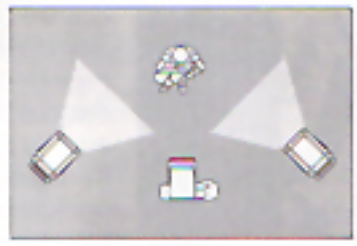
### Full Mode Flash

For full creative control, the Program Flash 5400xi works in all camera modes—P, A, M, even S mode. In addition, TTL off-camera flash control is also possible in every mode.

### Multi-Burst Flash

The Program Flash 5400xi's multi-burst function makes it possible to set the flash for repeated bursts on a single frame. Both the number of bursts, from two to 10, and firing frequency, from one to 100Hz, may be individually selected to match your specific needs. You'll find this particularly helpful for motion studies.

Using a 2 : 1 lighting ratio with two 5400xi flash units off-camera and a Wireless Remote Flash Controller on-camera.



## Wireless Remote Flash Controller

To make off-camera flash operations more convenient, and more useful, the Wireless Remote Flash Controller has been specifically designed with the Dynax 9xi in mind. This compact unit attaches to the 9xi's hot shoe to control one or more off-camera dedicated flashes in remote off-camera mode, as well as control the lighting ratio of two or more off-camera flashes. A wide variety of combinations of Program Flash 5400xi or 3500xi flash units can be used in this manner.

### Remote Off-Camera TTL Flash Control

The Dynax 9xi offers greatly enhanced flash operation with remarkable ease, thanks to remote off-camera TTL flash control. Simply attach a Program Flash 5400xi to the 9xi's hot shoe, and additional 5400xi or 3500xi flash units may be operated off-camera in remote mode up to 5 meters from the subject. This makes is easy to perform sophisticated flash techniques, either in-studio or outdoors. In addition, an off-camera flash and the 5400xi mounted on-camera can be combined to produce a 2 : 1 lighting ratio.

**Program Flash 3500xi** For exceptionally versatile performance the Program Flash 3500xi offers advanced features such as remote off-camera control and ratio control. The 3500xi features a guide number of 35 in meters (at 105mm and ISO 100), tilts a full 90-degrees and automatically zooms to adjust flash coverage for focal lengths from 28mm to 105mm. For more control, the flash can also be zoomed manually to 28mm, 50mm or 105mm.

**Macro Flash 1200AF Set-N** This set will provide your Dynax 9xi with versatile illumination for macro shooting in medical, scientific and hobby photography. Four individually-selectable flash tubes set at right angles to each other can be rotated around the lens and fired separately or in combination to control or eliminate shadowing.

**External Battery Pack EP-1** For faster flash recycling and extended flash use, simply attach the External Battery Pack EP-1 directly to the Program Flash 5400xi's external power terminal. The EP-1 uses six nickel-cadmium or alkaline-manganese batteries.

**Ni-Cd Charger NC-2** To recharge your nickle-cadmium batteries, Minolta offers the Ni-Cd Charger NC-2. This compact charger includes four AA-size batteries for use with Minolta Program Flash units. The NC-2 can charge either two or four batteries over an eight-hour period.

**Bounce Reflector** Two compact bounce reflectors are available to provide an optimal bounce surface to obtain a naturally soft lighting effect when using a flash. The Bounce Reflector III Set is available for the Program Flash 5400xi, and the Bounce Reflector IV Set is designed for use with the Program Flash 3500xi.

**Quartz Data Back QD-9** The Dynax 9xi's Quartz Data Back QD-9 lets you imprint the date or time on your pictures. It gives you the choice of printing the data as day/month/year, month/day/year or year/month/day. Data imprinting may also be turned off if you wish.

**Macro Stand 1000** A rigid camera support that assures maximum stability in all close-up/macro work. This stand is exclusively designed for use with Dynax cameras with the Minolta AF 50mm Macro Lens, AF 100mm Macro Lens and the Slide Copy Unit 1000. It features a heavy-duty baseboard with the mounting index mark for the Slide Copy Unit 1000 and a rigid support tube to provide sturdy support for the camera and macro equipment.

**Slide Copy Unit 1000** This handy unit can be attached to the Minolta AF Macro Zoom 3X-1X Lens for copying transparencies up to 35mm in mounts or strips. It also provides great versatility in cropping slides; up to 3.0X magnifications may be achieved.

**Panorama Adapter Set** Attach it to the Dynax 9xi and you can take panoramic pictures of nature and city scenes. Use of this panorama adapter is automatically indicated in the 9xi's viewfinder screen. This set can be used with all Minolta AF lenses from wideangle to telephoto, as well as flashes and Creative Expansion Cards.

**Wireless Controller IR-1N Set** This accessory lets you operate the Dynax 9xi by wireless remote control from up to 60 meters away. Three separate channels allow any number of channels to be operated simultaneously or independently in up to three individual groups. The choice of either single-frame or continuous-drive modes offers you even more versatility.

**Angle Finder VN** Used to look through the viewfinder when the camera is in hard to view positions, including chest level or low angles, the Angle Finder VN can be rotated to view from the top, sides or back for copy photography. Selectable 1X or 2X magnifications are also available.

**Magnifier VN** Ideal for close-up, macro, copying and telephotography, this magnifier enlarges the viewfinder image approximately 2.3 times.

**Holding Strap HS-9xi** Designed especially for the Dynax 9xi to help you keep a firm, steady grip on the camera in all positions.

**Remote Cord RC-1000S (50cm)**
**Remote Cord RC-1000L (5m)**
Enables control of the shutter-release from a hidden location or apart from the camera to prevent blurring. Also provides remote autofocus control.

**Insulation Case** With the Dynax 9xi in the insulation case, you get virtually noiseless operation and added protection from extreme cold. The camera's graphic display viewfinder and unique controllability enable you to continue shooting without taking it out of the case.

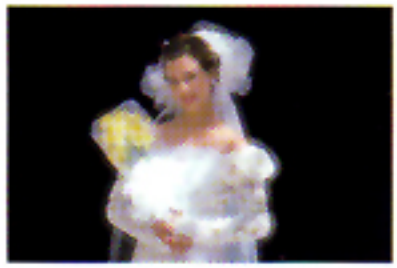
## Camera Cases

| Lens | CH-9xi | CS-9xi* | CS-700S | CS-700M | CS-700L |
|---|---|---|---|---|---|
| AF Zoom xi 28-80/4-5.6 | ○ | ○ | ○ | | |
| AF Zoom xi 28-105/3.5-4.5 | ○ | ○ | ○ | | |
| AF Zoom xi 35-200/4.5-5.6 | | ○ | | ○ | |
| AF Zoom xi 80-200/4.5-5.6 | | ○ | | ○ | |
| AF Zoom xi 100-300/4.5-5.6 | | ○ | | ○ | |
| AF Power Zoom 35-80/4-5.6 | ○ | ○ | ○ | | |
| AF 16/2.8 Fisheye | ○ | ○ | ○ | | |
| AF 20/2.8 | ○ | ○ | ○ | | |
| AF 24/2.8 | ○ | ○ | ○ | | |
| AF 28/2 | ○ | ○ | ○ | | |
| AF 28/2.8 | ○ | ○ | ○ | | |
| AF 35/1.4 | ○ | ○ | ○ | | |
| AF 35/2 | ○ | ○ | ○ | | |
| AF 50/1.4 | ○ | ○ | ○ | | |
| AF 50/1.7 | ○ | ○ | ○ | | |
| AF 85/1.4 | | ○ | | ○ | |
| AF 100/2 | ○ | ○ | ○ | | |
| AF 135/2.8 | | ○ | | | |
| AF 200/2.8 Apo | | | | | ○ |
| AF 24-50/4 | ○ | ○ | ○ | | |
| AF 28-85/3.5-4.5 NEW | | ○ | | ○ | |
| AF 35-80/4-5.6 | ○ | ○ | ○ | | |
| AF 35-105/3.5-4.5 | | ○ | ○ | | |
| AF 70-210/3.5-4.5 | | ○ | | ○ | |
| AF 75-300/4.5-5.6 | | | | | ○ |
| AF 80-200/2.8 Apo | | | | | ○ |
| AF 80-200/4.5-5.6 | ○ | ○ | ○ | | |
| AF 100-300/4.5-5.6 | | ○ | | ○ | |
| AF 50/2.8 Macro | ○ | ○ | ○ | | |
| AF 100/2.8 Macro | | ○ | | ○ | |

*This case is usable with Holding Strap HS-9xi.

# Creative Expansion Card System

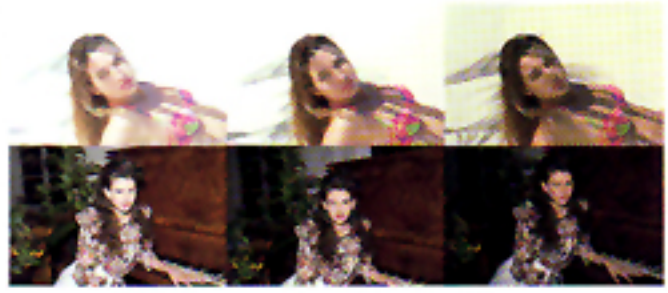
**Every Creative Expansion Card is designed to interface with the Dynax 9xi just like a sophisticated software program works in a computer. Simply slip a card into the card door slot to create a wide range of effects with surprising ease. This makes your Dynax 9xi more functional. More versatile. Which results in photographs that best suit your subjects and the way you wish to photograph them. In addition, the Quick button provides an even greater measure of controllability and responsiveness when combined with the action of some cards.**



**NEW Fantasy Card 2**
The Fantasy Card 2 lets you create soft-focus or dream-like effects in your picture, without changing lenses or adding filters, by automatically changing the focus during exposure or between multi-exposures on a single frame. This card's two modes let you keep your main subject in sharp focus while surrounding it with a slight "zooming" effect or with a soft halo of light.

**NEW Automatic Program Shift Card 2**
The Automatic Program Shift Card 2 automatically exposes a three-frame series of shots at different shutter speed/aperture combinations without changing the overall exposure. The card can be used in any exposure mode and the amount of change is manually selectable at 1, 2, or 3 stops. This quickly and automatically provides the different effects obtained by shutter speed and/or aperture settings.

**NEW Sports Action Card 2**
The Sports Action Card 2 is ideal when shooting fast-moving subjects or unpredictable events. When this card is activated, the Dynax 9xi's Expert Program Selection is automatically biased to favor fast shutter speeds. In addition, when a Zoom xi Lens is attached to the 9xi, five different APZ (Advanced Program Zoom) programs can be manually selected. All will continuously adjust the focal length so your picture remains well composed at all times.



**NEW Exposure Bracketing Card 2**
This versatile card provides both ambient and flash exposure bracketing in a series of 3, 5, or 7 frames in any exposure mode. In ambient bracketing mode, the change between frames can be set to 0.3-, 0.5- or 1-stops and the film will advance at up to 4.5 frames-per-second. When the camera is set to M mode, you have the choice of bracketing either by changing the shutter speed or aperture. In all other modes, the bracketing will be done by changing the camera-controlled exposure setting (P mode) or settings (A or S modes).
The change between frames in a flash bracketing series can be set to 0.5 or 1.0 stops. When the flash is in M mode, the camera will bracket by changing the lens aperture. In addition, the card can be used when a non-dedicated flash or studio strobe is connected to the camera's PC terminal.

**NEW Data Memory Card 2**
The Data Memory Card 2 stores the following data for up to four rolls of 40 exposures; exposure mode, shutter speed, aperture, lens focal length, maximum aperture of the lens, exposure compensation and film speed. You can recall data to the data panel when you want to check the settings used for previous exposures. And, after four rolls have been exposed, a warning light appears to remind you that information from the first roll will be erased automatically if another is exposed. All data on the card may also be erased manually.


**Panning Card**
When you insert the Panning Card into the Dynax 9xi, the camera automatically selects the slowest possible shutter speed, so the background appears to flow around a sharply focused main subject. In addition, the metering index is displayed in the camera's viewfinder to help you create a desired photographic effect, as well as monitor your panning technique.


**Intervalometer Card**
This card lets you pre-program the Dynax 9xi to shoot a series of time-lapse images. The length of the intervals can be set from one second up to 24 hours, providing uninterrupted, automatic operation for scientific, industrial or nature applications.


**Background Priority Card**
With the Background Priority Card, you can select the approximate depth of field you desire by turning the front dial to move the pointer on the metering index. The card's program then maintains the chosen background sharpness by automatically controlling the lens aperture should the focal length or subject distance change.


**Multiple Exposure Card**
This card allows you to make up to nine separate exposures on a single frame, using any of three selectable modes: full metered exposure, gradually increasing exposure, or gradually decreasing exposure.


**Multi-Spot Memory Card**
The Multi-Spot Memory Card stores up to eight spot exposure readings. With it, you can easily analyze and solve complex lighting situations with ease. The exposure the camera sets will be the average of all readings.


**Highlight/Shadow Control Card**
The Highlight/Shadow Control Card lets you make highlight- or shadow-biased exposures automatically. Highlight exposures are increased 2.3 stops from normal value and shadow exposures are decreased 2.7 stops to reproduce high- and low-key scenes more naturally.


**Customized Function Card xi**
The Customized Function Card xi lets you reprogram a wide range of camera functions to fit your personal style of photography, including:

- Standard setting when the Program-Reset button is pressed
  - Exposure modes: P/A/S/M
  - Exposure Adjustment: −4.0 to +4.0
  - Metering mode: 14-segment Honeycomb-Pattern Metering/Center-Weighted Average Metering
  - AF Area: Multiple sensors/Local sensor
- Frame number: increasing or decreasing numbers
- Film rewind: Automatic or manual start
- Film leader: Rewound into cartridge or left out
- Auto DX Memory: On or Off
- Automatic Flash when required in P mode: On or Off
- Lens function button or AF control button: (on Zoom xi Lens AF 70-210mm Zoom, AF 100-300mm Zoom, AF 200mm Apo, AF 300mm Apo, AF 600mm Apo, AF Reflex 500mm); Focus-hold, center area AF, continuous AF
- Automatic grip sensor activation: On or Off

Once you've changed the functions you want, just remove the card and the camera will operate according to your changes.


**Travel Card**
This card is especially useful for photographing a friend or family member in front of a landmark or other interesting location. The Travel Card adjusts the depth of field to provide maximum sharpness for the scene you're shooting. Because the Dynax 9xi can detect lateral motion, the card is also programmed to minimize subject blur when you take a picture on the move or from a moving vehicle.


**Child Card**
This card is at its best for capturing the spontaneous actions and candid expressions of children at play. Five different APZ programs are manually selectable to provide varying degrees of subject/environment balance.


**Closeup Card**
The Closeup Card controls the aperture setting to provide optimum depth of field for closeup and macro pictures. It causes the exposure system to automatically adjust the aperture according to the magnification of your subject.


**Portrait Card**
The Portrait Card uses a special exposure program to maintain the best aperture and shutter speed for hand-held portraits. The card automatically maintains the largest aperture possible to limit depth of field and make your subject stand out from the background, balancing it against a shutter speed which will prevent blur from camera shake or subject movement.

# Autofocus Lens System

**Minolta offers the world's largest selection of interchangeable AF lenses, including exclusive Zoom xi lenses. And every Minolta lens is the product of the most sophisticated optical and electronic technology photography has to offer.**

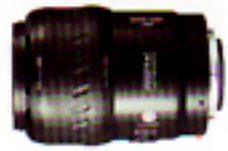
## Zoom xi Lens System

28-80mm f/4-5.6

28-105mm f/3.5-4.5

35-200mm f/4.5-5.6 Macro

80-200mm f/4.5-5.6 Macro



100-300mm f/4.5-5.6 Macro

### Lens/Camera Integration

Because both the Dynax 9xi and Zoom xi lenses contain separate expert intelligence systems, more subject information is able to pass in both directions between the camera body and the lens. So instead of setting a focal length that's determined entirely by the lens, or adjusting the zoom speed according to directions given by the camera alone, the camera and lens make all zooming decisions together.

### Variable-Speed Power Zoom

Each new Zoom xi lens features an internal, ultra-compact zoom motor and a micro-computer which automatically selects the most appropriate speed, from fast to slow, to maintain picture composition throughout the focal length of the lens in use. For more zooming versatility, this variable-speed power zoom may also be manually controlled by turning a large, rubberized ring located on the lens barrel. Turn the ring to the right to zoom out, and to the left to zoom to a wider angle. The farther you turn this ring in either direction, the faster the lens focal length will change. To manually focus, pull the ring back and turn. Pulling the ring back without turning locks focus.

### Advanced Program Zoom (APZ)

To effortlessly maintain a pleasing picture composition with moving subjects, the Dynax 9xi automatically changes to continuous mode APZ whenever you insert the Sports Action Card 2 or Child Card into the camera. If your subject's distance changes, the focal length will adjust to smoothly and continuously change the magnification of your subject in the frame, to maintain the picture composition throughout the zoom range of the lens in use. Easy confirmation of the focal length in use is accomplished by pulling back the lens control ring. The current focal length will appear in the shutter-speed display of the body and the viewfinder data panel.

### Wide-View Mode

In wide-view mode before the photograph is taken, the Zoom xi lens sets a focal length so that 150% of the picture area can be seen in the viewfinder.

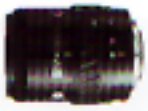
**AF Power Zoom 35–80/4–5.6 Macro**
This Minolta AF Power Zoom lens is ultra-compact and lightweight with simple power zoom operation. (The APZ and Wide-View Mode is not possible with the AF Power Zoom 35–80mm lens.)

### AF Zoom xi Lenses

| Lens | Elements/ Groups | Angle of View | Minimum Focus | Minimum Aperture | Filter (dia.) | Dimensions (dia. × length) | Weight |
|---|---|---|---|---|---|---|---|
| AF Zoom xi 28-80/4-5.6 | 7/7 | 75°–30° | 0.8m | f/22-32 | 55mm | 72 × 67.5mm | 275g |
| AF Zoom xi 28-105/3.5-4.5 | 13/10 | 75°–23° | 0.5m | f/22-27 | 62mm | 73 × 76.5mm | 450g |
| AF Zoom xi 35-200/4.5-5.6 Macro | 17/16 | 63°–12°30' | 0.5m | f/22-27 | 62mm | 75 × 99mm | 590g |
| AF Zoom xi 80-200/4.5-5.6 Macro | 9/9 | 30°–12°30' | 1.5m | f/22-27 | 55mm | 73 × 80mm | 300g |
| AF Zoom xi 100-300/4.5-5.6 Macro | 11/9 | 24°–8°10' | 1.8m | f/32-38 | 55mm | 75 × 100mm | 440g |
| **AF Power Zoom Lens** | | | | | | | |
| AF Power Zoom 35-80/4-5.6* Macro | 8/8 | 63°–30° | 0.6m | f/20-32 | 49mm | 66.5 × 59.5mm | 175g |

**The Auto Zoom functions are not possible on the AF Power Zoom 35-80mm Lens. This lens is usable only with Dynax xi series cameras.*

## AF Lenses


AF 28-85mm f/3.5-4.5 NEW


AF 16mm f/2.8 Fisheye

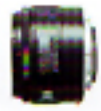

AF 20mm f/2.8


AF 24mm f/2.8


AF 28mm f/2

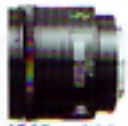

AF 28mm f/2.8

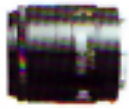

AF 35mm f/1.4


AF 35mm f/2

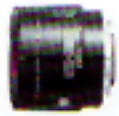

AF 50mm f/1.4


AF 50mm f/1.7


AF 85mm f/1.4

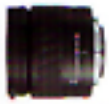

AF 100mm f/2


AF 135mm f/2.8


AF 50mm f/2.8 Macro


AF 100mm f/2.8 Macro


AF 24-50mm f/4


AF 35-80mm f/4-5.6


AF 35-105mm f/3.5-4.5


AF 70-210mm f/3.5-4.5


AF 75-300mm f/4.5-5.6


AF 80-200mm f/4.5-5.6


AF 80mm-200mm f/2.8 Apo


AF 100-300mm f/4.5-5.6


AF Reflex 500mm f/8


AF 200mm f/2.8 Apo


AF Macro Zoom 3X-1X f/1.7-2.8


AF 300mm f/2.8 Apo


AF 600mm f/4 Apo


AF 1.4X Tele Converter II Apo


AF 2X Tele Convertar II Apo

## AF Lenses

| Lens | Elements/ Groups | Angle of View | Minimum Focus | Minimum Aperture | Filter (dia.) | Dimensions (dia. × length) | Weight |
|---|---|---|---|---|---|---|---|
| AF 16/2.8 Fisheye | 11/8 | 180° | 0.2m | f/22 | integral | 75 × 66.5mm | 400g |
| AF 20/2.8 | 10/9 | 94° | 0.25m | f/22 | 72mm | 77.5 × 53.5mm | 285g |
| AF 24/2.8 | 8/8 | 84° | 0.25m | f/22 | 55mm | 65.5 × 44mm | 215g |
| AF 28/2 | 9/9 | 75° | 0.3m | f/22 | 55mm | 65.5 × 49.5mm | 285g |
| AF 28/2.8 | 5/5 | 75° | 0.3m | f/22 | 49mm | 65.5 × 42.5mm | 185g |
| AF 35/1.4 | 10/8 | 63° | 0.3m | f/22 | 55mm | 65.5 × 76mm | 470g |
| AF 35/2 | 7/6 | 63° | 0.3m | f/22 | 55mm | 65.5 × 48.5mm | 240g |
| AF 50/1.4 | 7/6 | 47° | 0.45m | f/22 | 49mm | 65.5 × 38.5mm | 235g |
| AF 50/1.7 | 6/5 | 47° | 0.45m | f/22 | 49mm | 65.5 × 39mm | 170g |
| AF 85/1.4 | 7/6 | 28°30' | 0.85m | f/22 | 72mm | 78 × 71.5mm | 560g |
| AF 100/2 | 7/6 | 24° | 1.0m | f/32 | 55mm | 67 × 75.5mm | 480g |
| AF 135/2.8 | 7/5 | 18° | 1.0m | f/32 | 55mm | 65.5 × 83mm | 365g |
| AF 200/2.8 Apo | 8/7 | 12°30' | 1.5m | f/32 | 72mm | 86 × 134mm | 790g |
| AF 300/2.8 Apo | 11/9 | 8°10' | 2.5m | f/32 | integral | 128 × 238.5mm | 2480g |
| AF 600/4 Apo | 10/9 | 4°10' | 6.0m | f/32 | integral | 169 × 449mm | 5500g |
| AF Reflex 500/8 (1) | 7/5 | 5° | 4.0m | — | integral | 89 × 118mm | 665g |
| AF 24-50/4 | 7/7 | 84°–47° | 0.35m | f/22 | 55mm | 69 × 80mm | 285g |
| AF 28-85/3.5-4.5 NEW | 13/10 | 75°–28° | 0.8m | f/22-32 | 55mm | 68.5 × 85.5mm | 490g |
| AF 35-80/4-5.6 | 8/8 | 63°–30° | 0.5m | f/22-32 | 46mm | 65 × 58mm | 195g |
| AF 35-105/3.5-4.5 | 12/10 | 63°–23° | 0.85m | f/22-27 | 55mm | 68.5 × 59.5mm | 290g |
| AF 70-210/3.5-4.5 | 12/12 | 34°–12° | 1.1m | f/22-27 | 55mm | 72.5 × 100mm | 420g |
| AF 75-300/4.5-5.6 | 13/11 | 32°–8°10' | 1.5m | f/32-38 | 55mm | 72.5 × 163.5mm | 865g |
| AF 80-200/2.8 Apo | 16/13 | 30°–12°30' | 1.8m | f/32 | 72mm | 87.5 × 186.5mm | 1350g |
| AF 80-200/4.5-5.6 | 9/9 | 30°–12°30' | 1.5m | f/22-27 | 46mm | 67 × 78mm | 290g |
| AF 100-300/4.5-5.6 | 11/9 | 24°–8°10' | 1.5m | f/32-38 | 55mm | 72.5 × 100mm | 410g |
| AF 50/2.8 Macro | 7/6 | 47° | 0.2m | f/32 | 55mm | 68.5 × 59.5mm | 310g |
| AF 100/2.8 Macro | 8/8 | 24° | 0.35m | f/32 | 55mm | 71 × 98.5mm | 520g |
| AF Macro Zoom 3X-1X/1.7-2.8 | 7/5 | 8 × 12mm (3X) (2)<br>24 × 36mm (1X) (2) | Working Distance<br>26mm (3X)<br>40mm (1X) | f/16 (3X)<br>f/27 (1X) | 46mm | 86 × 117 × 94.5mm (3) | 1100g |
| AF 1.4X Tele Converter II Apo (4) | 5/4 | — | — | — | — | 64 × 20mm | 175g |
| AF 2X Tele Converter II Apo (5) | 6/5 | — | — | — | — | 64.5 × 43.5mm | 210g |

**Notice:** When used with Dynax 9xi, all AF lenses can be operated in either autofocus or manual focus mode. Expert Autozoom features cannot be used.

(1) When used with Dynax xi series cameras, Dynax 8000i, 7000i or 5000i, can be operated in either autofocus or manual focus mode; with other Minolta AF SLR cameras (3000i, 5000, 7000, 9000) manual focus only, by reference to the viewfinder screen, is possible.
(2) Size of subject that fills the film plane
(3) W × H × D
(4) For use with AF 200/2.8 Apo, AF 300/2.8 Apo and AF 600/4 Apo lenses only; cannot be used with AF 80-200/2.8 Apo Zoom lens.
(5) For use with AF 200/2.8 Apo, AF 300/2.8 Apo lenses only; cannot be used with AF 600/4 Apo, and AF 80-200/2.8 Apo Zoom lenses.

Specifications and accessories are based on the latest information available at time of printing and are subject to change without notice.

# Specifications

## Dynax 9xi

**Type:** 35mm SLR camera with expert control of Autofocus (AF) and Autoexposure (AE), auto film transport, and built-in motor drive
**Lens Mount:** Minolta A-type bayonet mount accepts all Minolta AF lenses and xi-Series Autozoom lenses
**Eye-Start System:** AF and AE automatically activated by combination of eyepiece and grip sensors
**AF System:** Through-the-lens (TTL) phase-detection system with 4 CCD (charge-coupled device) sensors; AF activated by Eye-Start; multi-dimensional predictive-focus control; built-in AF illuminator automatically activated in low-light/low-contrast conditions
**AF Sensitivity Range:** EV -1 to 19 (at ISO 100 in ambient light)
**AF Illuminator Range:** 0.7 to 9m (based on Minolta's standard test methods using a 50mm lens)
**Manual Focusing:** By monitoring green focus indicator in viewfinder data panel and/or visually on the Acute-Matte viewfinder screen
**Metering:** TTL-type, 14-segment honeycomb-pattern silicon photo cell (SPC); automatically activated by Eye-Start; second SPC for TTL flash metering
**Metering Modes:** Honeycomb-pattern, center-weighted average, or spot metering
**Metering Range:** Honeycomb-pattern: EV 0 to 20; Center-weighted average: EV 0 to 20; Spot: EV 3 to 20
**Exposure Modes:**
Program AE: Automatic control of aperture and shutter speed depending on lens specifications and scene characteristics; P+, P- Creative Program Control
Aperture-priority: any available aperture selectable in 1/2-stop increments; shutter speed automatically set steplessly from 1/12,000-sec. to 30 seconds
Shutter-priority: Any shutter speed from 1/12,000-sec. to 30 seconds selectable in 1/2-stop increments; aperture set automatically
Manual: Any shutter speed/aperture combination selectable in 1/2-stop increments; correct and over/under exposure indicated on metering index in viewfinder; BULB setting also selectable
**Exposure Compensation:** +/−4 stops selectable in 1/2-stop increments
**TTL Flash Metering:** Operates in all flash modes with i- or xi- Series flash units; shutter speed set automatically when flash-on signal appears in viewfinder
Program AE: x-sync shutter speed between 1/300 and 1/60-sec. and lens aperture automatically set; attached dedicated accessory flash automatically fires when necessary
Aperture-priority AE: Any available aperture manually selectable; shutter speed between 1/300 and 1/60-sec. set automatically; attached accessory flash fires when manually activated
Shutter-priority AE: Any x-sync shutter speed from 1/300-sec. to 30 seconds selectable in 1/2 stop increments; aperture set automatically; attached accessory flash fires when manually activated
Manual: any shutter speed slower than 1/300-sec. available or aperture manually selectable; attached accessory flash fires when manually activated
**Shutter:** Electronically-controlled, vertical-traverse, focal-plane type; shutter locks if subject not in focus (focus-priority) or always releases (release-priority)
**Automatic speeds:** In program and aperture-priority AE modes, shutter is set steplessly from 1/12,000-sec. to 30 seconds
**Manual speeds:** In shutter-priority AE and manual modes, 1/12,000-sec. to 30 seconds manually selectable in 1/2-stop increments; BULB selectable in manual mode
**Film-Speed Setting:** Automatic setting for DX-coded films; film without DX-coding automatically set to ISO 100; ISO memory manually selectable with Custom Function Card xi
Automatic range: ISO 25 to 5000
**Manual range:** ISO 6 to 6400 (in 1/3-stop increments)
**Film Transport:** Automatic with built-in motor drive; auto threading, auto advance to first frame; single-frame advance; low-speed advance (2 fps); high-speed advance (4.5 fps); automatic rewind or manual-start of silent rewind; frame counter in body data panel
**Wide-View Mode:** Focal length of xi-Series lens automatically reset to show 150% of actual image area until shutter release is pressed partway down
**Advanced Program Zoom:** Programmed, continuous setting of focal length based on changing subject position (only with specified CE cards)
**Self-Timer:** Electronic with 10-second delay; cancellable; operation indicated by blinking LCD indicator and blinking AF illuminator
**Controls:**
Camera body: Main switch; program re-set button; flash-control button; focus-mode switch; depth-of-field/preview button; shutter-release button; front/rear control dials; wide-view mode button; card on/off button; Quick button; AE-lock button; function button
Card door: Self-timer/drive-mode button; Quick-adjust button; manual/silent-rewind button; ISO button; card-adjust button
**Viewfinder:** Eye-level fixed pentaprism showing 92% of vertical and 94% of horizontal field of view; magnification 0.75X with 50mm lens at infinity; transparent liquid crystal display (LCD) and Acute Matte focusing screen
**Viewfinder Displays:**
Indicators inside screen: Dial-function indicators; wide-view mode indicator; wide-focus area (vertical/horizontal); local focus areas; film-frame indicators (in wide-view mode); metering index; manual-focus indicator; spot-metering indicator; panorama indicator
Indicators in viewfinder data panel: Flash-on indicator; flash-ready indicator; focus signals; exposure-mode indicators; shutter-speed/film-speed/local-length display; Exposure-adjustment indicator; aperture/exposure-adjustment display; AE-lock indicator; metering-mode indicator
**Body Data Panel:** LCD display with indicators or displays for: Exposure mode, wide/local focus area, self-timer, battery condition, drive mode, frame counter, Quick button mode, film transport, shutter speed, aperture, exposure adjustment, film-speed, card name, local AF areas, metering mode, exposure adjustment reminder
**Power:** One 6-volt lithium (2CR5) battery; automatic battery check when camera is turned on; battery condition indicated by four-stage indicator in body data panel; low-power warning appears during operation when battery is low; shutter locks when battery is exhausted
**Battery Performance:** Up to 50 24-exposure rolls per battery (determined using Minolta's standard testing methods)
**Others:** Eyepiece cap, film window, remote-control terminal, standard tripod socket, carrying strap
**Dimensions:** 163×98.5×64mm
**Weight:** 740g without lens and battery

## Program Flash 5400xi

**Type:** Fully dedicated autoflash for Minolta xi-Series AF SLRs with power zoom head and built-in AF illuminator
**Exposure Control:** Direct through-the-lens (TTL) off-the-film (OTF) metering in all exposure modes; manual flash control selectable
**AF Illuminator:** Focus-assist light-emitting-diodes (LEDs) automatically activated in low-light, low-contrast situations; three beams match three main AF sensors
**Range:** 0.5–9m; based on Minolta's standard testing procedures using a 50mm lens
**Controls:** ON/OFF button; MENU button; TTL-M/MULTI button; ZOOM/FREQ button; LEVEL/REPS button; WIRELESS/RATIO button; light button; test button; film switch; channel selector switches
**Coverage:**

| | Focal Length (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 24 | 28 | 35 | 50 | 70 | 85 | 105 |
| Vertical Angle (°) | 60 | 53 | 45 | 34 | 26 | 23 | 20 |
| Horizontal Angle (°) | 78 | 70 | 60 | 46 | 36 | 31 | 27 |

**Wireless Flash Control:** When used with 3xi, 5xi, or 7xi can be controlled off-camera by camera's built-in flash; when attached to 9xi, can emit control bursts; when used off-camera with 9xi, can be controlled by second 5400xi or Wireless Flash Controller attached to camera; single and multiple off-camera ratio also selectable; maximum distance from camera to off-camera flash: 5m.
**Guide Number in meters at ISO 100:**

| Power Level | Focal Length (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 24 | 28 | 35 | 50 | 70 | 85 | 105 |
| 1/1 | 28 | 32 | 36 | 42 | 46 | 52 | 54 |
| 1/2 | 20 | 23 | 25 | 30 | 33 | 37 | 38 |
| 1/4 | 14 | 16 | 18 | 21 | 23 | 26 | 27 |
| 1/8 | 10 | 11 | 13 | 15 | 16 | 18 | 19 |
| 1/16 | 7 | 8 | 9 | 10.5 | 11.5 | 13 | 13.5 |
| 1/32 | 4.9 | 5.7 | 6.4 | 7.4 | 8.1 | 9.2 | 9.5 |
| Wireless/ Remote Mode** | 22 | 25 | 28 | 33 | 36 | 41 | 42 |

*Guide numbers in wireless/remote mode measured at full (1/1) power and 105mm flash coverage.

**Multi-Burst:** Can be set for successive flash bursts with settings for firing frequency (100, 50, 30, 10, 5, 3, 2, or 1 Hz) and number of bursts (10, 7, 5, 4, 3, 2, and until capacitor charge is depleted)
**Bounce:** Flash head can be rotated 90° vertically, 90° clockwise, and 180° counterclockwise; click-stops at:
Vertical: 45°, 60°, 75°, 90°
Clockwise: 30°, 45°, 60°, 75°, 90°
Counterclockwise: 30°, 45°, 60°, 75°, 90°, 120°, 150°, 180°
**Displays/Indicators:** Automatic/manual zoom, focal length coverage, power-level, ratio (wired or remote off-camera), TTL/manual flash control, flash range (feet/meters selectable), flash-distance checker, multi-burst firing frequency and repetitions, LED flash-ready signal
**Power Sources:** Four AA-size batteries, either 1.5 v alkaline-manganese or 1.2v rechargeable nickel-cadmium types; external power terminal for accessory power source
**Battery Performance:**

| | Flashes Per Set (A-Mn) or Charge (Ni-Cd)* | Recycling Time (sec.)* |
|---|---|---|
| Alkaline-Manganese | 100-3500 | 0.2-11 |
| Nickel-Cadmium | 40-1200 | 0.2-6 |

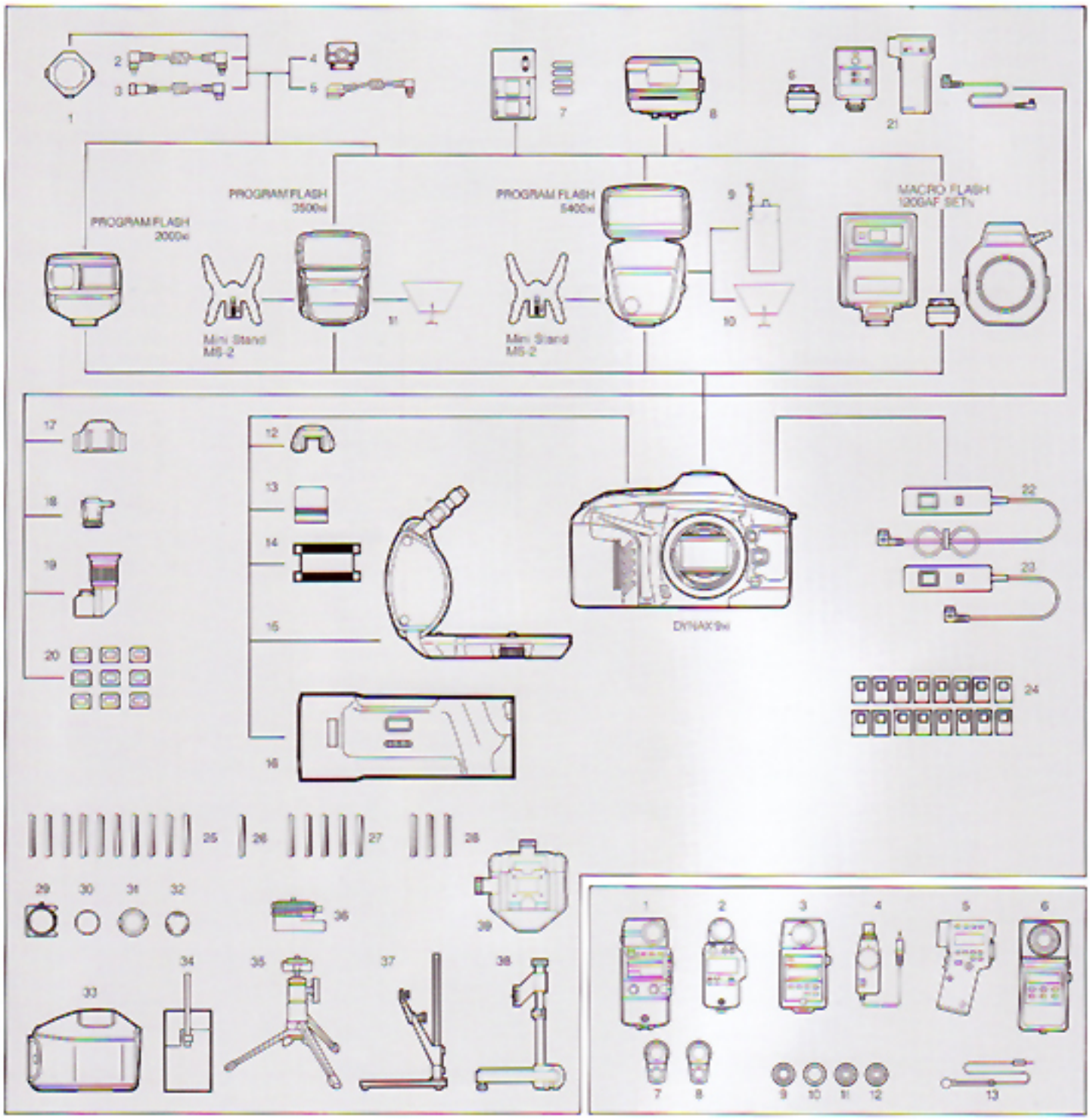
**Flash-Camera Contacts:** Contacts on flash-mounting foot for firing flash, automatic setting of zoom head position, x-sync speed, activating viewfinder's flash-ready signal, direct autoflash metering, and triggering AF illuminator
**Standard Accessory:** Mini Stand MS-2 with tripod socket for flash support in off-camera applications
**Optional Accessories:** Cable CD, Extension Cable, Off-Camera Cable OC-1100, Off-Camera Shoe OS-1300, Triple Connector TC-1000, Ni-Cd Charger NC-2 with batteries, External Battery Pack EP-1, Bounce Reflector III Set
**Other:** When flash is attached to camera and camera's program re-set button is pressed, flash is automatically switched on and set to its default settings: Autoflash, TTL control, auto zooming, and full power, multi-burst or ratio control are cancelled; auto power-off 4 min. after last operation
**Dimensions:** 80.5×132.5×105mm
**Weight:** 385g without batteries

## Wireless Remote Flash Controller

**Signal:** Infrared light
**Control Range:** 0.2–50m (camera to subject distance)
**Power:** 3-volt CR123A lithium battery
**Power Control:** Automatic charging (camera operation starts charging); Auto Power Off (1 min. after no operation)
**Battery Performance:** More than 250 times
**Recycling Time:** Approx. 3 sec.
**Dimensions:** 62mm×54.6mm×89mm
**Weight:** Approx. 110g without batteries

Specifications and accessories are based on the latest information available at the time of printing and are subject to change without notice.

# System Chart




| Flash Accessories | 5400xi | 3500xi | 2000xi |
|---|---|---|---|
| 1. Triple Connector TC-1000 | ★ | ★ | ★ |
| 2. Cable CD | ★ | ★ | ★ |
| 3. Extension Cable | ★ | ★ | ★ |
| 4. Off-Camera Shoe OS-1100 | ★ | ★ | ★ |
| 5. Off-Camera Cable OC-1100 | ★ | ★ | ★ |
| 6. Flash Shoe Adapter FS-1100 | ★ | — | — |
| 7. Ni-Cd Charger No-2 | ★ | ★ | ★ |
| 8. Wireless Remote Flash Controller | ★ | ★ | |
| 9. External Battery Pack EP-1 Set | ★ | | |
| 10. Bounce Reflecter III Set | ★ | | |
| 11. Bounce Reflecter IV Set | | ★ | |

## Camera Accessories

12. Eyepiece Cup EC-7xi
13. Accessory Shoe Cap SC-9xi
14. Panorama Adapter
15. Holding Strap HS-9xi
16. Data Back QD-9
17. Eyepiece Cap
18. Magnifier VN
19. Angle Finder VN
20. Eyepiece Corrector 1000
21. Wireless Controller IR-1xi Set*
22. Remote Cord RC-1000L
23. Remote Cord RC-1000S
24. Creative Expansion Cards**
25. Filters
26. Portrayer Filters
27. Close-up Lenses
28. Step Up Adapter Filter Ring
29. Gelatin Filter Holder
30. Body Cap
31. Front Lens Cap
32. Rear Lens Cap
33. Camera Case
34. Lens Case
35. Mini Tripod TR-1
36. Panorama Head II
37. Copy Stand II
38. Macro Stand 1000
39. Slide Copy Unit 1000

## Meters

1. Flash Meter IV
2. Auto Meter IV F
3. Auto Meter III
4. Booster II
5. Spotmeter F
6. Color Meter III
7. Viewfinder 5
8. Viewfinder 10
9. 4X & 8X Spherical ND Diffuser
10. Spot Mask
11. Flat Diffuser
12. Reflected-light Attachment
13. Mini Receptor

*Usable only with Dynax 9xi with Flash Shoe Adapter FS-1100

**Travel Card, Child Card, Sports Action Card 2, Portrait Card, Closeup Card, Panning Card, Intervalometer Card, Background Priority Card, Multiple Exposure Card, Exposure Bracketing Card 2, Data Memory Card 2, Fantasy Card 2, Automatic Program Shift Card 2, Multi Spot Memory Card, Highlight/Shadow Control Card, Customized Function Card xi.

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