

**SALES GUIDE**

**DYNAX**  
*9xi*



**MINOLTA**

# Expert Autofocus System

## Ultra-Wide Focus Frame

The 9xi's ultra-wide focus frame with multiple AF sensors and Automatic Subject Detection make composing and focusing remarkably quick and sure, even when you place your main subject off-centre. Once Eye-start activates the autofocus system, the 9xi's expert programming immediately begins evaluating the focus frame to determine which of the four AF sensors is reading your main subject. This fuzzy logic-based system compares distance information from each of the four sensors, the current focal length, and camera orientation to determine which sensor to use in focusing.

The 9xi's ultra-wide focus frame is ideally suited to all types of photography and it enables quick, accurate focusing on centred as well as off-centre subjects. For horizontally framed portraits, the top-centre sensor will be used to focus on the subject's eyes.



Horizontal AF area

In addition, the 9xi senses when it is turned vertically and turns the top, middle sensor off because a narrower version of the ultra-wide AF area is better-suited for this framing. The brackets which describe the focus area in the viewfinder screen are then repositioned accordingly.



Vertical AF area

### Fuzzy Logic

The fuzzy logic computer logic requires far fewer instructions than would a traditional, digital computing system and is able to more easily compare a great deal of sometimes contradictory data as it evaluates the scene.

## Multi-Dimensional Predictive Focus Control

A camera with predictive AF calculates how far the subject will move during the shutter-release time lag and adjusts focus during this time to the point where it will actually be when the shutter opens.

Most AF SLR's can only accurately predict the position of a subject moving directly towards or away from the camera at a nearly constant velocity.

- However, because of its higher data processing speed, the 9xi can calculate acceleration towards or away from the camera as well as the velocity of a subject moving parallel to the film plane.
- The 9xi will also track the movement of a subject's image across the film plane.

As a result, the 9xi is capable of predicting the position of a subject that is rapidly accelerating or decelerating, making U-turn or moving across the scene.

## 4.5 Frames per Second Autofocusing

- The 9xi's 4.5 fps film advance is the fastest AF-integrated framing rate available in an AF SLR which does not require the use of an external battery pack.
- In addition, 9xi is the only camera which is capable of adjusting focus on every frame at this speed.

9xi's autofocus system is completely integrated with film drive system in all advance modes so that you can count on a higher percentage of sharp images even when you are following fast action.

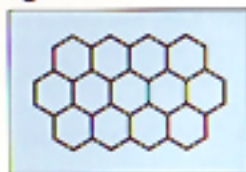
# Expert Autoexposure System

## Multiple Metering Modes

Full metering flexibility is a must for expert photographers. For this reason, the 9xi offers centre-weighted average and spot metering modes in addition to 14-Segment-Honeycomb-Pattern metering.

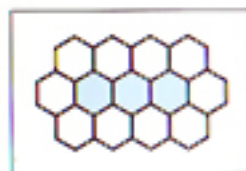
- **AF-Integrated 14-Segment Honeycomb-Pattern Metering**

The 9xi's unique silicon photo cell is divided into 14 segments. Expert AE uses fuzzy logic to precisely select the metering pattern and weighting of each of the 14 segments.



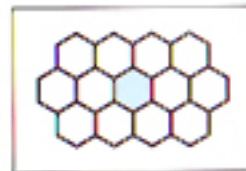
- **Centre-Weighted Average Metering**

When centre-weighted average metering is selected, 80% of the meter's sensitivity is concentrated in the honeycomb photocell's three interior segments.



- **Spot Metering**

When spot metering is selected, all of the meter's sensitivity is concentrated in the center honeycomb segment - approximately 2.7% of the image area.



## The World's Fastest Top Shutter Speed of 1/12,000 sec.

The 9xi's top shutter speed of 1/12,000 sec. is the fastest ever achieved in an SLR.

- At 1/12,000 sec. the 9xi provides accurate, repeatable operation, stopping extremely fast action that no other AF SLR can.
- In bright light with a fast lens, such as the AF 85mm f/1.4 or any Apochromatic telephoto, the 9xi's top shutter speed gives greater control over depth of field.

## Expert Program Selection

The 9xi has no special programmed exposure for specific photographic situations because they are all built into Expert AE and selected automatically. Instead of having a single program line for each focal length, the 9xi operates within a program area which for each EV, comprises a wide range of acceptable shutter speed and aperture combinations.

The 9xi evaluates subject distance, magnification, and motion as well as focal length and camera orientation. It uses the newest computer technology (fuzzy logic) to recognize such basic photographic situations as "portrait", "landscape", "closeup", or "action" and optimize the exposure settings for the specific scene in the viewfinder.

- When the 9xi detects the characteristics of a landscape, it maximizes depth of field while preventing blur due to camera shake.
- For closeups, the 9xi will automatically maximize depth of field while maintaining a shutter speed which will reduce camera shake.
- Portraits call for shallow depth of field to separate the subject from its background – which the 9xi does automatically.
- When the 9xi detects that the subject is moving in any direction, it will immediately set the fastest shutter speed possible that will stop the action.

While many professionals would hesitate to use a camera in P mode, Expert Program Selection is actually designed to place the exposure settings as close to optimum as possible.

# Expert Flash System

## World's Fastest X-Sync Speed of 1/300 sec.

The 9xi, when used with a dedicated Minolta Program Flash, is capable of synchronizing with the flash burst at 1/300 sec. - the fastest x-sync speed available in an AF SLR.

Because the 9xi's shutter blades are constructed of an extremely lightweight material and, therefore have low moment of inertia, the shutter can be opened faster to expose the entire film gate at 1/300 second.

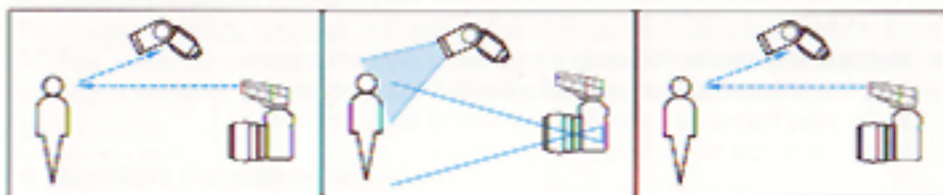
- A high x-sync speed is desirable when a single exposure contains a mix of bright ambient and flash lighting in order to balance the background with the subject brightness.
- It also allows fast action to be frozen.
- In addition, the top x-sync speed of 1/300 sec. provides photographers with greater freedom to select large apertures in their flash photography. This is particular helpful in outdoor flash portraits.

Along with the world's fastest shutter speed for an SLR, the top x-sync speed of 1/300 sec. provides photographers with a greater aperture range to select from when using flash.

## Remote/Wireless Off-Camera Flash Control

The 9xi offers photographers the flexibility of wireless/remote off-camera flash control when it is used with specified xi-series flash units.

- The Program Flash 5400xi or Wireless Remote Flash Controller, when mounted on a 9xi, is capable of controlling any number of 5400xi or 3500xi flash units placed off-camera by firing a coded flash sequence which starts and stops the off-camera units.
- Accessory wires and connectors are not required and TTL flash metering continues to control the amount of light reaching the film plane.



*Control unit fires start signal*

*Off camera flash begins firing and camera's TTL flash control system monitors the amount of light reaching the film*

*Control unit fires stop signal when sufficient exposure received*

## Remote/Wireless Off-Camera Ratio Control

- When the Program Flash 5400xi is used on-camera, ratio control can be selected and both the on- and off-camera flash units fire to provide subject illumination in a 2:1 ratio.
- The new accessory Wireless Remote Flash Controller can provide a 2:1 or 1:2 lighting ratio using two flashes placed off-camera.

# Expert Controllability

## Quick button

The 9xi's Quick button is a flexible control which can be programmed to provide either one of three additional features or a temporary change to one of the camera's three operating systems.

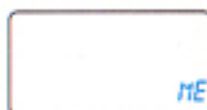
- **Exposure Bracketing:** This causes the 9xi to expose a series of three frames at high speed with a 1/2-stop change between frames.



- **Flash Bracketing:** When a dedicated accessory flash is attached to the 9xi, this function causes the camera to expose a 3-frame flash bracketing series.



- **Multiple Exposure:** Pressing the Quick button while pressing the shutter release prevents the film from advancing to the next frame. An unlimited number of exposures may be made on the same frame.



- **Drive Mode:** If single-frame advance is in operation, pressing the button activates high-speed drive as long as it is pressed. If either continuous film drive mode is selected, single-frame advance is temporarily set.



- **Spot Metering:** When 14-Segment Honeycomb-Pattern Metering or center-weighted average metering is selected, pressing the button in this mode immediately sets spot metering.



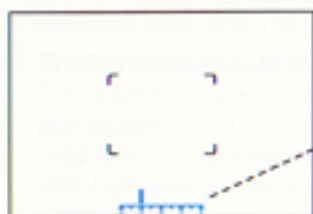
- **AF-Area Selection:** When the wide focus area is in use and the Quick button is set to this mode, pressing the button will select the center local area. Any of the other local area can then be activated by turning the front dial while the Quick button is pressed.





## Metering Index

The Metering Index is a remarkably useful tool which not only helps speed camera operation, but also enables photographer to learn and, consequently, anticipate the actions of the 9xi's Expert AE System.



*The meter appears in the bottom of the Graphic Display Viewfinder and ranges over  $\pm 4$  stops in 1/2-stop increments.*

### ● Centre-Weighted Comparison

The metering index displays the difference between the exposure which Expert AE has currently set depending on the subject's position in the frame and the lighting conditions, and the exposure read by centre-weighted average metering.

### ● Exposure Compensation

When centre-weighted average metering is selected, the metering index will display the amount of exposure compensation which is currently set.

### ● Spot Metering Comparison

In spot-metering mode, the pointer of the index shows the difference between the original, locked exposure reading and the brightness of the area currently in the spot circle.

### ● Manual Comparison

While the 9xi is set to manual exposure mode, the metering index always appears. It will display the difference between the exposure which will be provided by the photographer settings and the exposure suggested by any metering mode.

# Expert Durability

## Shutter Unit

The 9xi's shutter is designed to provide consistent, reliable operation at all shutter speeds. Eight of its ten blades are made of carbon-fibre-reinforced epoxy. The blades must be extremely lightweight so that they will accelerate rapidly and stop quickly without vibrating the camera. They must also be strong enough to withstand the forces necessary to start and stop the shutter. Carbon-fiber-reinforced resins have been used for years in the aerospace industry precisely because it has these characteristics.

## Body Materials

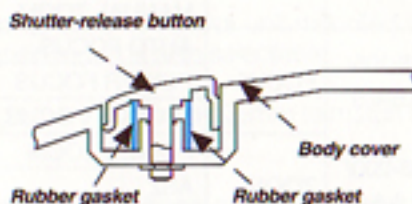
- **Body Cover:** The top and the sides of the 9xi's body are made of an industrial-grade glass-fibre reinforced polycarbonate that is both tough and lightweight. The glass fibres are specially lubricated, enabling the body cover to flex slightly without cracking and still retain its shape.
- **Bottom Cover:** The 9xi's body cover is formed out of rubber-coated, die cast zinc.
- **Mirror Box:** The mirror box is constructed out of stainless steel and die-cast zinc and is formed to very strict specifications, to protect the delicate alignment of the shutter, mirror, lens mount and AF modules. In addition, the mirror box is rigid and able to withstand sudden shocks and will retain its shape under changes of temperature.
- **Lens Mount:** The lens mount is made of oil-impregnated, sintered stainless steel. As a result, lenses turn easily in the 9xi's mount, thus reducing wear and ensuring a tight fit even after thousands of lens changes.

## Body Sealing

The 9xi controls and body seams are specially designed to be highly moisture- and dust-resistant. Rubber gaskets, sponge sealing, and double-trap design eliminate any direct path into the camera when the back cover is closed and a lens is attached.

- **Shutter-release button**

The shutter-release button is oversized and sealed with a rubber gasket to provide a much greater degree of dust and moisture resistance than conventional cameras.



## UV-Hardened Coating

The 8000i which accompanied a Japanese journalist to the Russian MIR space station in 1990 was coated with an advanced polymer that is virtually resistant to scratching. This same coating covers key parts of every 9xi produced. The polymer, when exposed to ultraviolet light after coating, hardens to form a tough protective shell around the 9xi's tough polycarbonate body.

To measure up to the demands of expert photographers, the 9xi is both rugged and reliable. Its design and construction make it able to withstand sudden shocks, adverse conditions and repeated use.

# AF Lens Compatibility

xi ZOOM LENSES			9xi	
28-80/ 4-5.6	FOCUS	AUTO FOCUS	●	
		POWER FOCUS	●	
		MANUAL FOCUS	—	
	ZOOM	POWER ZOOM	●	
		ASZ	—	
		MANUAL ZOOM	—	
28-105/ 3.5-4.5	FOCUS	AUTO FOCUS	●	
		POWER FOCUS	●	
		MANUAL FOCUS	—	
	35-200/ 4.5-5.6	ZOOM	POWER ZOOM	●
			ASZ	—
			MANUAL ZOOM	● <sup>1,2</sup>
80-200/ 4.5-5.6	FOCUS	AUTO FOCUS	●	
		POWER FOCUS	●	
		MANUAL FOCUS	—	
	100-300/ 4.5-5.6	ZOOM	POWER ZOOM	●
			ASZ	—
			MANUAL ZOOM	● <sup>3</sup>

POWER ZOOM LENS			9xi
35-80/ 4-5.6*	FOCUS	AUTO FOCUS	●
		POWER FOCUS	●
		MANUAL FOCUS	—
	ZOOM	POWER ZOOM	●
		ASZ	—
		MANUAL ZOOM	—

\*This lens is usable only with xi-Series cameras

AF LENSES		9xi
FOCUS	AUTO FOCUS	●
	POWER FOCUS	●
MANUAL ZOOM		●

● ...can be used

— ...cannot be used

ASZ...Auto Stand-by Zoom

1-3 ...can be used with conditions mentioned below

1. Focus point changes with focal length. Pre-focusing is necessary after zooming.

2. Set the AZ/MZ switch to MZ. To zoom, pull and twist the rubber ring on the end of the lens.

3. Set the AZ/MZ switch to MZ. To zoom, pull the end of the lens barrel.

# Program Flash xi-Series

## Program Flash 5400xi

The powerful 5400xi can be automatically controlled by the 9xi's Expert AE system in any metering mode. This flash unit offers photographers high-performance, professional features.

- **Maximum guide number of 54** in meters (ISO 100)
- **Remote/wireless off-camera operation** as either a control unit mounted on-camera or off-camera. Remote/wireless ratio mode is also selectable.
- **Automatic flash coverage** for focal length from 24mm to 105mm to match the focal length of the lens in use.
- **Six manual power settings** to manually control flash range and working distance.
- **Multi-burst flash operation** with the maximum firing frequency of 100 Hertz to photograph motion studies on a single frame.
- **Multi-directional bounce capability** to illuminate a subject indirectly for softer, more natural lighting.
- **Built-in AF illuminator** which activates automatically in low light or when subject contrast is too low for accurate autofocusing.
- **Large, full-information LCD** displays all important flash operation data at a glance.

## Program Flash 3500xi

The 3500xi features a maximum guide number of 35 in meters (ISO 100) and offers advanced features.

- **Power zoom head with flash coverage from 28mm to 105mm**
- **Direct TTL autoflash control in all exposure modes**
- **Bounce flash applications**
- **Remote/wireless off-camera flash control**

# Card Compatibility

CARD SYSTEM		With 9xi	When pressing Quick button					
			br	Fb	AE	dr	SP	RF
Special Application Cards	Travel	●	●	●	●	●	●	●
	Child	●	● <sup>1</sup>	●	●	●	●	●
	Sports action	●	●	●	●	●	●	●
	Sports action 2	●	● <sup>1</sup>	●	●	●	●	●
	Portrait	●	●	●	●	●	●	●
	Automatic depth control	●	●	● <sup>2</sup>	●	●	●	●
	Closeup	●	●	●	●	●	●	●
Feature Cards	Panning	●	-	-	●	●	●	●
	Intervalometer	●	-	-	● <sup>3</sup>	●	●	●
	Background priority	●	●	-	●	●	●	●
	Multiple exposure	●	-	-	● <sup>4</sup>	●	●	●
	Exposure bracketing	●	-	-	●	-	●	●
	Flash bracketing	●	-	-	●	-	-	●
	Bracketing 2	●	-	-	●	-	●	●
	Data memory	●	●	●	● <sup>5</sup>	●	●	●
	Data memory 2	●	●	●	● <sup>5</sup>	●	●	●
	Fantasy effect	●	-	-	●	●	●	●
	Fantasy 2	●	-	-	●	●	●	●
	Automatic program shift	●	-	-	●	-	●	●
	Auto shift 2	●	-	-	●	-	●	●
	Multi spot memory	●	●	-	●	●	● <sup>6</sup>	●
	Highlight/shadow control	●	● <sup>7</sup>	-	●	●	● <sup>6</sup>	●
	A/S mode	X	X	X	X	X	X	X
Customized function	Customized function xi	●	●	●	●	●	●	
	Customized function	X	X	X	X	X	X	

● : can be used

X : cannot be used

- : cannot be used. Card function overrides the Quick button. "CARD" blinks in the body data panel.

1. APZ does not function during bracketing series.

2. Not recommended; flash bracketing may not function if the picture is overexposed.

3. When you release the shutter while pressing the Quick button, all exposures in the sequence will be taken in one frame automatically.

4. Pictures can be taken but the frame counter will not function.

5. Only the last exposure on the frame will be stored in the card.

6. You can control the camera with either the AE lock button or Quick button.

7. Press both AE lock button and Quick button at once to bias the exposure and activate bracketing.

# 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-Fisheye 16/2.8	●	●	●		
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 Zoom 24-50/4	●	●	●		
AF 28-85/3.5-4.5		●		●	
AF Zoom 35-80/4-5.6	●	●	●		
AF Zoom 35-105/3.5-4.5		●	●		
AF Zoom 70-210/3.5-4.5		●		●	
AF Zoom 75-300/4.5-5.6					●
AF Zoom 80-200/2.8 Apo					●
AF Zoom 80-200/4.5-5.6	●	●	●		
AF Zoom 100-300/4.5-5.6		●		●	
AF Macro 50/2.8	●	●	●		
AF Macro 100/2.8		●		●	

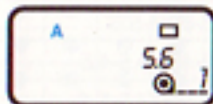
\* This case is usable with Holding Strap HS-9xi

# Quick Reference Guide

## When you want ...

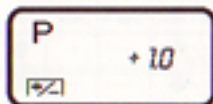
### EXPOSURE MODE SELECTION

to change the exposure mode (P/A/S/M)



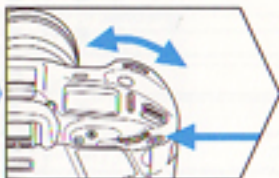
### EXPOSURE COMPENSATION

to bias the camera's exposure calculation



### LOCAL FOCUS FRAME SELECTION

to use a specific AF sensor



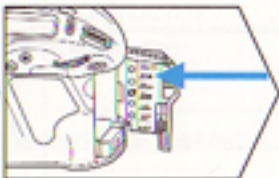
### METERING MODE SELECTION

to change the metering mode



### QUICK BUTTON

to check the setting of the Quick button



*br*: Exposure bracketing

*Fb*: Flash bracketing

*ME*: Multiple Exposure

*dr*: Drive-Mode selection

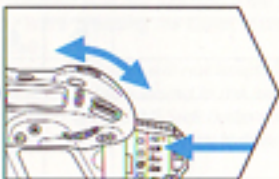
*SP*: Spot-metering selection

*RF*: Autofocus-area selection

*---*: OFF/No function

### QUICK BUTTON

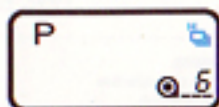
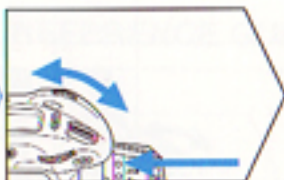
to change the function of the Quick button





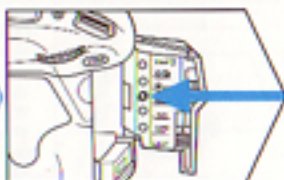
**FILM-DRIVE MODE  
SELF-TIMER**

to change the film-  
drive mode or to set  
the self-timer



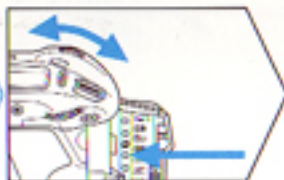
**MANUAL/SILENT  
REWIND**

to start film rewind  
manually/silently



**FILM SPEED SETTING**

to change manually the  
film speed



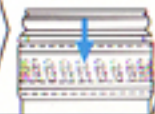
**FOCUS LOCK**

to lock focus

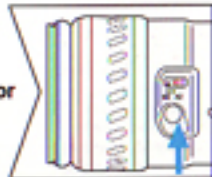


or

xi-Series lens

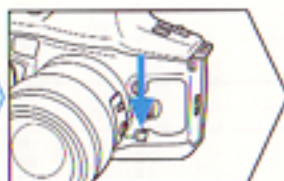


or



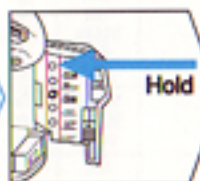
**MANUAL FOCUS**

to manually focus  
the lens



**RELEASE PRIORITY**

to select release-  
priority mode



# Specification Comparison xi-Series

	9xi	7xi	5xi	3xi	SPxi
<b>Eye-start system activates:</b>					
AF	YES	YES	YES	YES	YES
AE	YES	YES	YES	YES	YES
Autozoom	NO	YES	YES	YES	YES
<b>AF</b>					
Wide focus area	4CCD	4CCD	1CCD	1CCD	1CCD
Vertical-horizontal sensing	YES	YES	NO	NO	NO
Automatic/Manual focus area selection	YES	YES	NO	NO	NO
Automatic focus-mode selection	YES	YES	YES	YES	YES
Predictive focus control	YES	YES	YES	YES	YES
AF Illuminator	LED	LED	FLASH	FLASH	NO
Release priority	YES	NO	NO	NO	NO
<b>AE</b>					
Multi-pattern metering	14-zone	14-zone	8-zone	8-zone	8-zone
Fuzzy logic control of metering	YES	YES	YES	YES	YES
Spot metering	YES	YES	YES	NO	YES
Expert program selection	YES	YES	YES	YES	YES
Creative program control (Pv/Ps)	YES	YES	YES	YES	YES
A, S and M mode	YES	YES	YES	YES	YES
Centre-weighted average metering	YES	NO	NO	NO	NO
Multiple exposure	YES	YES*	YES*	NO	NO
Exposure compensation	YES	YES	YES	NO	NO
Built-in bracketing	YES	NO	NO	NO	NO
<b>Built-in flash</b>					
Auto pop-up	-	YES	YES	YES	-
Auto retracting	-	NO	YES	NO	-
Flash coverage	-	28mm	28-80mm	28mm	-
GN <sub>o</sub>	-	12	14-17	12	-
Pre-flash for red-eye reduction	-	YES	YES	YES	-
Auto switch-over flash	-	YES	YES	YES	-
Wireless/Remote flash control	YES	YES*	YES	YES	NO
<b>Finder</b>					
Long eye relief	YES	YES	NO	NO	NO
Built-in diopter adjustment	YES	NO	NO	NO	NO
<b>Display</b>					
Transparent LCD viewfinder	YES	YES	NO	NO	NO
Metering-index	YES	NO	NO	NO	NO
Panorama frame	YES	YES	NO	NO	NO
Viewfinder display	LCD	LCD	LCD	LED	LED
Body-LCD illumination	YES	NO	NO	NO	NO
Focal-length display	YES	NO	NO	NO	NO
<b>Autozoom</b>					
Auto stand-by zoom (ASZ)	NO	YES	YES	YES	YES
Advanced program zoom (APZ)	YES	YES	YES	NO	NO
Image-size lock	NO	YES	YES	NO	NO
Wide-view mode	YES	YES	NO	NO	NO
<b>Power zoom</b>	YES	YES	YES	YES	YES
<b>Power focus</b>	YES	YES	YES	YES	YES
<b>Quick button</b>	YES	NO	NO	NO	NO
<b>Shutter speed</b>	1/12000	1/8000	1/2000	1/2000	1/2000
	BULB	BULB	BULB	BULB	BULB
Flash sync. speed	1/500	1/200	1/90	1/90	1/90
PC terminal	YES	NO	NO	NO	NO
Continuous drive	2/4 fps	2/4 fps	1 fps	NO	NO
Controls	dial	dial	key	key	key
Creative expansion cards	YES	YES	YES	NO	NO
<b>Dimensions (W)</b>	103mm	103mm	152.5mm	146.5mm	146.5mm
<b>(H)</b>	98.5mm	100mm	99mm	92mm	91mm
<b>(D)</b>	64mm	67mm	68.5mm	64mm	60.5mm
<b>Weight (Standard model)</b>	740g	650g	525g	420g	385g

\*Available only with Multiple Exposure Card



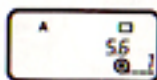
MINOLTA

## QUICK REFERENCE GUIDE 9xi

When you want...

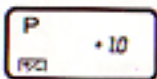
### EXPOSURE MODE SELECTION

to change the exposure mode (P/A/S/M)



### EXPOSURE COMPENSATION

to bias the camera's exposure calculation



### AF FOCUS





**Minolta Camera Co. Ltd.**

**Minolta GmbH**

**Minolta France S.A.**

**Minolta (UK) Ltd.**

**Minolta Austria Ges.m.b.H**

**Minolta Camera Benelux B.V.**

**Belgium Branch**

**Minolta (Schweiz) AG**

**Minolta Portugal S.A.**

**Minolta Svenska AB**

**Finland Branch**

**Minolta Corporation**

**Head Office**

**Los Angeles Branch**

**Chicago Branch**

**Atlanta Branch**

**Minolta Canada Inc.**

**Head Office**

**Montreal Branch**

**Vancouver Branch**

**Minolta Hong Kong Ltd.**

**Minolta Singapore (Pte) Ltd.**

**3-13, 2-Chome, Azuchi-Machi, Chuo-Ku, Osaka 541, Japan**

Kurl-Fischer-Straße 50, D-2070 Ahrensburg, Germany

365-367 Route de Saint-Germain, F-78420 Carrières-sur-Seine, France

1-3 Tanners Drive, Blakelands North, Milton Keynes, MK14 5BU, England

Amalienstraße 59-61, A-1131 Wien, Austria

Zonnebaan 39, P.B. 1364, 3600 BJ Maarssenbroek, The Netherlands

Kontichsesteenweg 38, 2630 Aartselaar, Belgium

Riedhof V, Riedstraße 6, CH-8953 Dietikon-Zürich, Switzerland

Av. do Brasil 33a, 1700 Lisboa, Portugal

Brännkyrkagatan 64, Box 17074, S-10462 Stockholm, Sweden

Niitykatu 6, PL 37, SF-02201 Espoo, Finland

101 Williams Drive, Ramsey, New Jersey 07446, U.S.A.

3105 Lomita Boulevard, Torrance, CA 90506, U.S.A.

3000 Tollview Drive, Rolling Meadows II, 60006, U.S.A.

5904 Peachtree Corners East, Norcross, GA 30071, U.S.A.

369 Britannia Road East, Mississauga, Ontario L4Z 2H5, Canada

376 Rue McArthur, St. Laurent, Quebec H4T 1X6, Canada

105-3830 Jacobs Road, Richmond, BC V6V 1Y6, Canada

Room 208, Eastern Center, 1065 King's Road, Quarry Bay, Hong Kong

10, Teban Gardens Crescent, Singapore 2260