

MINOLTA

DYNAX™ 7000i

THE WORLD'S MOST INTELLIGENT,
MOST CREATIVE AUTOFOCUS SLR.





it's

DYNAX™ 7000i

*A camera so intelligent
an extension of your mind.*



Now there's an entirely new vision of photography for you. A camera truly in a class of its own. The new Minolta DYNAX™ 7000i. It captures the vision that your mind sees in every photographic situation. Effortlessly. Faithfully. Totally at your command. This is Dynax 7000i intelligence. More than an extension of your eye, it's an extension of your mind.

Dynax 7000i.

The World's Most Intelligent, Most Complete Autofocus SLR System.

The Minolta Dynax 7000i is more than a camera. It's the heart of the most intelligent, most comprehensive autofocus SLR system in the world. A system with the widest selection of autofocus lenses, flashes, creative expansion cards and accessories ever assembled. All to greatly expand your world of photography. All to help you capture in great pictures what was once impossible.





INTELLIGENT AUTOFOCUS SYSTEM

Dynax 7000i advanced autofocus intelligence designed to capture what your mind sees with great pictures.

■ MULTI-SENSOR AUTOFOCUS

Multiple sensors provide an autofocus area 12 times larger than conventional autofocus SLRs and make capturing subjects incredibly easy.

■ AUTOMATIC FOCUS-MODE SELECTION

Full automation of the focus-mode decision-making process for both still and moving subjects.

■ 3 FRAMES-PER-SECOND SEQUENCE SHOOTING

Superior high-speed autofocus photography with continuous focus adjustment.

■ PREDICTIVE FOCUS CONTROL

An unsurpassed level of speed and accuracy in the capture of fast-moving subjects.



INTELLIGENT EXPOSURE SYSTEM

Designed to set a new standard in the reproduction of true-to-life images.

■ AF-INTEGRATED MULTI-PATTERN METERING SYSTEM

The world's first AF-integrated multi-pattern metering system for precise lighting analysis.

■ AUTOMATIC CONTRAST COMPENSATION

Automated contrast compensation for both backlit and spotlit situations.

■ AF/AE LOCK

An automatic solution to exposure problems in difficult lighting situations.

■ ADVANCED AUTOMATIC MULTI-PROGRAM SELECTION

Automated selection of the correct program to match the lens in use, even while zooming.





INTELLIGENT AUTOFOCUS FLASH SYSTEM

Automatic flash intelligence for a revolution in flash photography.

■ HIGH-SPEED MOTORIZED FILM CONTROL

Designed to completely eliminate errors in film handling and operation.

■ CREATIVE EXPANSION CARD SYSTEM

The world's first SLR computer software for unlimited expansion of the Dynax 7000i's creative capabilities.

■ AUTOFOCUS LENS SYSTEM

The world's largest selection of interchangeable autofocus lenses from 16mm to 600mm.

■ SYSTEM ACCESSORIES

The most abundant source of versatility and creativity in autofocus SLR photography.





Intelligent Autofocus System

It captures what your mind sees



Instantly, precisely, and with astonishing ease, the Minolta Dynax 7000i's Intelligent Autofocus System captures the elusive moment as your mind envisions it. At any speed. In any direction. This is focusing so fast that the camera feels alive in your hands. Intelligent Autofocus makes the Dynax 7000i more than a camera. It makes the Dynax 7000i the world's most intelligent imaging system.





Intelligent Autofocus System



Multi-sensor autofocus

The Minolta Dynax 7000i's multiple autofocus sensors comprise a focus area 12 times larger than in conventional autofocus SLRs, designed to capture your subject in precise focus effortlessly. And vertically-positioned sensors provide autofocusing of horizontal lines for the first time. This is autofocus ease and speed you must experience to believe.

Automatic focus-mode selection

Intelligent Autofocusing automatically selects the best focus method for your subject every time. Single shot for still subjects. Continuous adjustment for moving subjects. With no settings to make, you concentrate completely on the creative moment unfolding in the Dynax 7000i's viewfinder.





Predictive focus control

In continuous AF mode, predictive focus control captures high-speed subjects with astonishing accuracy. The Dynax 7000i's AF system calculates and adjusts focus through the shutter-release sequence so that even fast-moving subjects are in precise focus. This makes the Dynax 7000i the ultimate autofocus SLR for photographing fast action. So you're always ready to capture those fleeting, once-in-a-lifetime moments.



Low-light autofocusing

The Dynax 7000i makes taking great pictures in extremely dark conditions completely easy. Its high-sensitivity CCD sensors operate at extremely low light levels, down to EV 0. And its high-power body-integral AF illuminator provides precise autofocus-ing even in the dark.

3 frames-per-second sequence shooting

The Dynax 7000i's Intelligent Autofocus System combines high-sensitivity CCD sensors, high-speed computer data processing and a high-speed lens drive motor to let you take action-sequence shots at a rapid three frames per second. Focus-priority shutter release assures sharp, perfectly focused sequence shots time after time.

Intelligent Exposure System

A new standard in true-to-life images



An image as true-to-life as your mind can envision it. This is the goal of all great photography — a goal that the Dynax 7000i helps you reach. Because every time you take a picture, the Dynax 7000i gives you the speed and precision of Intelligent Exposure that's precisely integrated with the camera's autofocus system to continuously control exposure for you. You also have the choice of creative exposure modes for ultimate versatility.





Intelligent Exposure System

Autofocus-integrated multi-pattern metering system



Autofocus-integrated multi-pattern metering assures precise exposure in any lighting.

Autofocus-integrated multi-pattern metering system

The Minolta Dynax 7000i uses the world's first autofocus-integrated multi-pattern metering system to bring you a new standard in precise lighting analysis. Multiple-metering sensors provide separate readings from each area, which the camera combines with the main subject data from the autofocus computer to decide the best exposure for your subject.



Autofocus and metering areas are fully integrated.



Automatic contrast compensation

The Dynax 7000i's Intelligent Exposure System automatically provides the best contrast compensation for both backlit and spotlit subjects. When using the Program Flash 3200i, the camera's Intelligent Flash Control System also automatically calculates the ideal compensation and fires the flash in extreme backlit situations.



Without autofocus-integrated multi-pattern metering system.



Spot metering

For precise metering of a single area of your picture, just press the Dynax 7000i's spot-metering button.



With the focus area on the main subject, press the shutter-release button halfway down.



Recompose and press the button all the way down to take the picture.

AF/AE lock

The Dynax 7000i combines autofocus (AF) and autoexposure (AE) information for automatic control of sharpness within your picture. Precise focusing and correct exposure are automatically locked in. The Dynax 7000i's AF/AE lock puts full control right at your fingertips.

Intelligent Exposure System

Advanced automatic multi-program selection

Wide



24mm



70mm



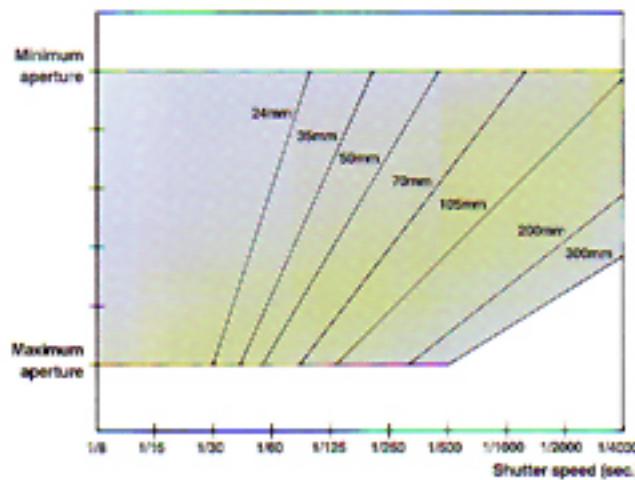
200mm



Tele

300mm

Advanced automatic multi-program selection

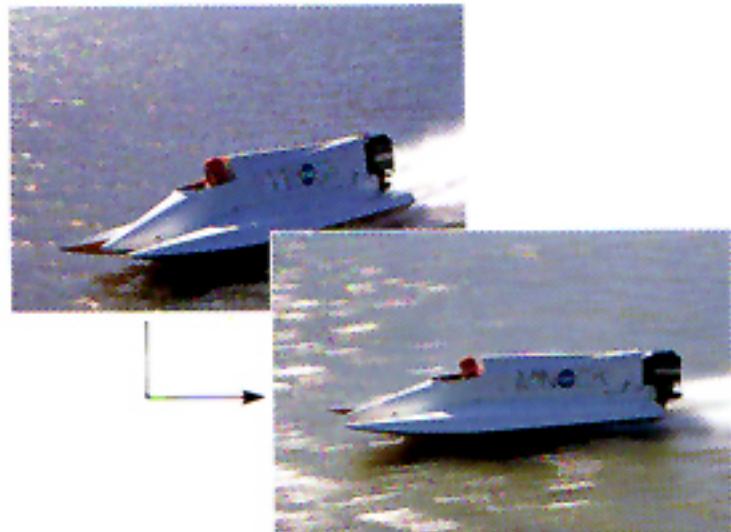


Program shift

Dynax 7000i's intelligence offers you the ease of programmed operation without giving up creative control. Program shift lets you select alternate programmed aperture and shutter-speed combinations with one touch, while maintaining correct exposure, automatically. Just use the up/down control to shift the program in half-stop increments.

Shutter-speed control

To express the subject's movement, the program was shifted to use slower shutter speed, and the camera was panned.



Depth-of-field control

Program is shifted to use a smaller aperture to increase depth of field.



Creative exposure control

The Minolta Dynax 7000i's creative exposure modes let you explore new areas of creativity and achieve the results you want. Three Dynax 7000i creative exposure modes are at your command with the touch of a button.



A mode

The Dynax 7000i's A-mode gives you superior intelligence to control picture sharpness. One-touch electronic aperture selection lets you soften the mood by using large lens openings to blur the background. Or use small openings for more depth and realism. A single up/down control is conveniently located near the shutter-release button for fast, positive adjustment. With each adjustment the Dynax 7000i's computer selects the best shutter speed for correct exposure.

S mode

When your subject is moving, shift the Dynax 7000i into S-mode. By controlling the shutter speed, you can capture fast-action subjects beautifully. The Dynax 7000i provides shutter control from 30 seconds to 1/4000 of a second. The corresponding aperture for the correct exposure is automatically selected for you.

M mode

Switch the Dynax 7000i to M-mode and you're in full metered-manual control. It lets you create special effects with full control of the camera's shutter and aperture. You can give the camera more or less exposure than normal. The Dynax 7000i lets you monitor ongoing metering in the viewfinder display for precise exposure adjustment.

Intelligent Autofocus Flash System

A revolution in flash photography

The Minolta Dynax 7000i's Intelligent Autofocus Flash System with Program Flash 3200i will change the way you take flash pictures. This innovative system works automatically in low-light conditions and even for exposure compensation in daylight.

Flash command system

In program mode, the Dynax 7000i's flash command system automatically activates the flash for light levels that need flash photography. So you'll never have to guess when or where to use a flash. You can shoot precisely focused, perfectly exposed flash pictures automatically. In dim indoor scenes or outdoors in the evening. By moonlight or candlelight. Or with no light at all.



28mm



35mm



50mm



Advanced automatic fill-flash

Minolta Program Flash 3200i uses a special fill-flash program built into the camera's computer to handle daytime flash exposure. This program lightens shadows without washing out highlight details. With bright subjects, when the Dynax 7000i is set to program mode, flash duration and aperture selection are automatically controlled to give you optimum subject illumination. To control background exposure in brighter conditions, the shutter speed is automatically adjusted.



With the Dynax 7000i's advanced automatic fill-flash.

Zoom flash

Program Flash 3200i automatically adjusts flash coverage continuously between 28mm and 85mm, according to the focal length of the lens you're using.



85mm



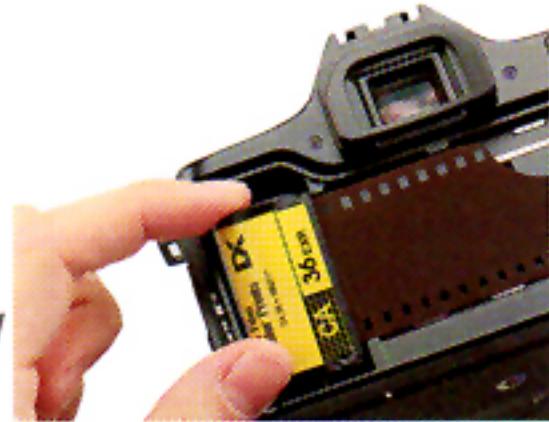
Without advanced automatic fill-flash.

High-speed Motorized Film Control

Error-free film handling and operation

The Minolta Dynax 7000i's intelligence makes it beautifully simple to use. High-speed motorized film control completely eliminates errors in film handling and operation.

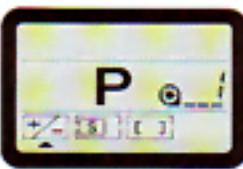
Load



Simply open the back cover, place a film cartridge in the film chamber and extend the film end to the red mark, then close the back cover. The film automatically threads and advances to the first frame. With DX-coded film, the camera automatically sets the film speed. Just press the program-reset button and you're ready to shoot.



Shoot

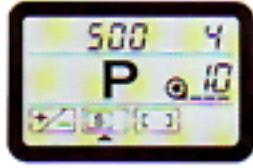


Compose your picture in the viewfinder and press the shutter-release button halfway down. The autofocus lens will instantly focus and a focus signal in the viewfinder will glow at the instant your subject comes into focus—accompanied by an audible beep if you want. Press the shutter-release button all the way down to take the picture. After exposure the film is automatically advanced. At the end of the roll, the film is automatically rewound in just a few seconds.

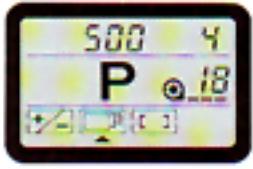


Sequential shooting

You can select either single drive mode or continuous drive mode with easy operation. In continuous drive mode, the Dynax 7000i's body-integral motor drive lets you take fast-action sequences up to three frames per second simply by holding the shutter-release button down. Focus-priority shutter-release operates in both modes to assure sharp pictures.



Single drive mode



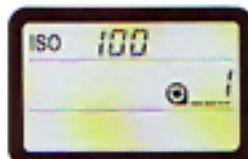
Continuous drive mode



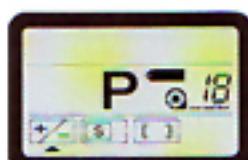
Easy-to-read LCD Data Panel

Complete camera information at your fingertips

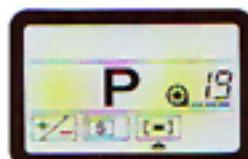
The Minolta Dynax 7000i's angled, large, easy-to-read LCD (Liquid-Crystal Display) data panel provides complete information and keeps you informed of everything from exposure mode to battery level. LED illumination makes the information panel easy to read even in total darkness.



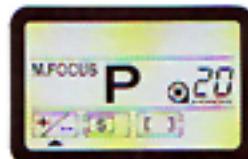
With DX-coded film, the film's ISO speed is set automatically. You can also set the film speed manually or override the DX setting.



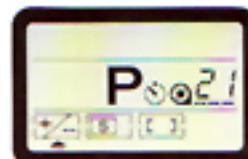
When you slide the main switch to "ON" position, the camera automatically checks the battery power.



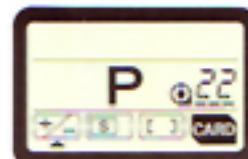
You can select either wide focus area or center focus area, according to the photographic situation.



You can select either autofocus or manual focus. When your subject is in focus, the camera beeps and a green LED glows in the viewfinder.



The self-timer symbol on the data panel shows when the camera is in the self-timer mode.



When you use a creative expansion card, the card symbol appears on the data panel.



Other Features

More Dynax 7000i versatility and creativity

Function adjustment button

- To set exposure adjustment value
- To set drive mode
- To set focus area

Lens release

Aperture setting button

Main switch

Exposure-mode button

Accessory shoe

Program-reset button



AF illuminator/Self-timer light
The AF illuminator lights when your subject is in a low-light and low-contrast situation. The self-timer light blinks when you use this function.

Minolta's advanced camera design makes the Dynax 7000i extremely easy to operate and provides more versatile performance for you.

Program-reset button

Just press the program-reset button to cancel all previously-set focus and exposure modes. The camera automatically returns to these settings:

Exposure mode: P-mode, flash command mode (when flash is attached)

Focus mode: Autofocus mode
Drive mode: Single drive

Focus area: Wide focus area

Exposure adjustment: +/ - 0.0



Focus-mode switch

You can select either autofocus or manual focus by sliding this switch.

Mirror

Shutter-release button

Up/down control

Remote-control terminal

Card door

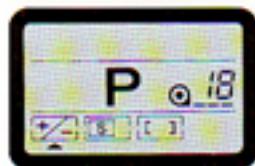
Card window

Strap eyelet

Card on/off key

Data panel

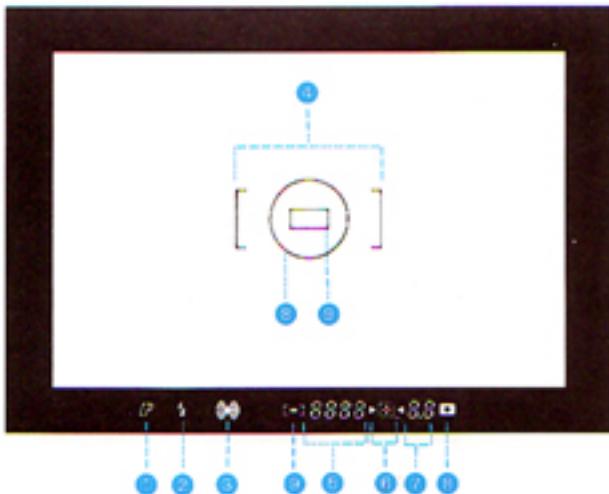
Function-selector key





Full information viewfinder

The Dynax 7000i's viewfinder displays all important exposure data to assure you of the best exposure results. You don't have to glance away from the viewfinder when you shoot. Exposure data, flash signals and exposure warnings are shown in the LCD display just below the viewfinder's Acute-Matte focusing screen. In low light conditions, the LCD display lights up to keep you fully informed.



- 1. Flash-on signal
- 2. Flash-ready signal
- 3. Focus signals
- 4. Wide focus area
- 5. Shutter speed
- 6. Metering indicators
- 7. Aperture/Exposure adjustment
- 8. Spot metering
- 9. Center focus area

Creative Expansion Card System

Computer software to expand your creative control



The Dynax 7000i brings an astonishing new dimension to autofocus SLR photography with the world's first Creative Expansion Card System. It gives you unlimited expansion of the Dynax 7000i's creative capabilities. The Dynax 7000i's creative cards are categorized by function: feature cards, special application cards and a customized function card. Each card will take you into a new realm of creativity and versatility with the Dynax 7000i.

FEATURE CARDS

The Dynax 7000i's feature cards add sophisticated and special features to the camera's capabilities.



Exposure bracketing card

This card lets you automatically set up to seven consecutive exposures in 0.3-, 0.5- or 1-stop increments.



Automatic program shift card

This card lets you use the program shift to vary the rendition of your subject automatically.



With highlight-biased spot metering.

With shadow-biased spot metering.



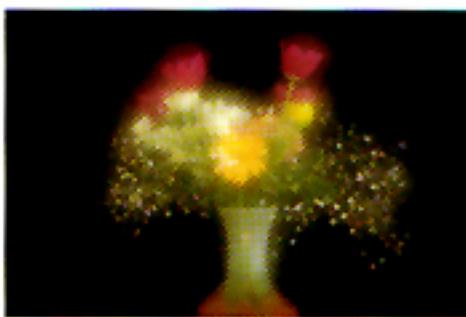
Highlight and shadow control card

This combination card provides you with more control over highlights and shadows in difficult lighting conditions.



SPECIAL APPLICATION CARDS

The Dynax 7000i's special application cards help you master sophisticated techniques for specific applications, from portrait and action shooting to closeup photography.



Fantasy effect card

The fantasy effect card lets you create a soft, dreamy effect in your picture.



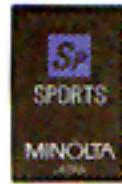
Portrait card

The portrait card is programmed to provide the ideal exposure settings for portrait photography.



Automatic depth control card

This card controls both focusing and aperture to provide maximum sharpness throughout the picture.



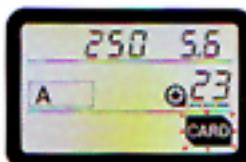
Sports action card

The sports action card selects the necessary shutter speed to freeze sports and other fast action.



Closeup card

The closeup card controls the aperture to give the optimum sharpness for closeup photography.



Data memory card

This card calls up important data for display on the LCD data panel for shooting, including shutter speed, aperture, lens data and frame number.

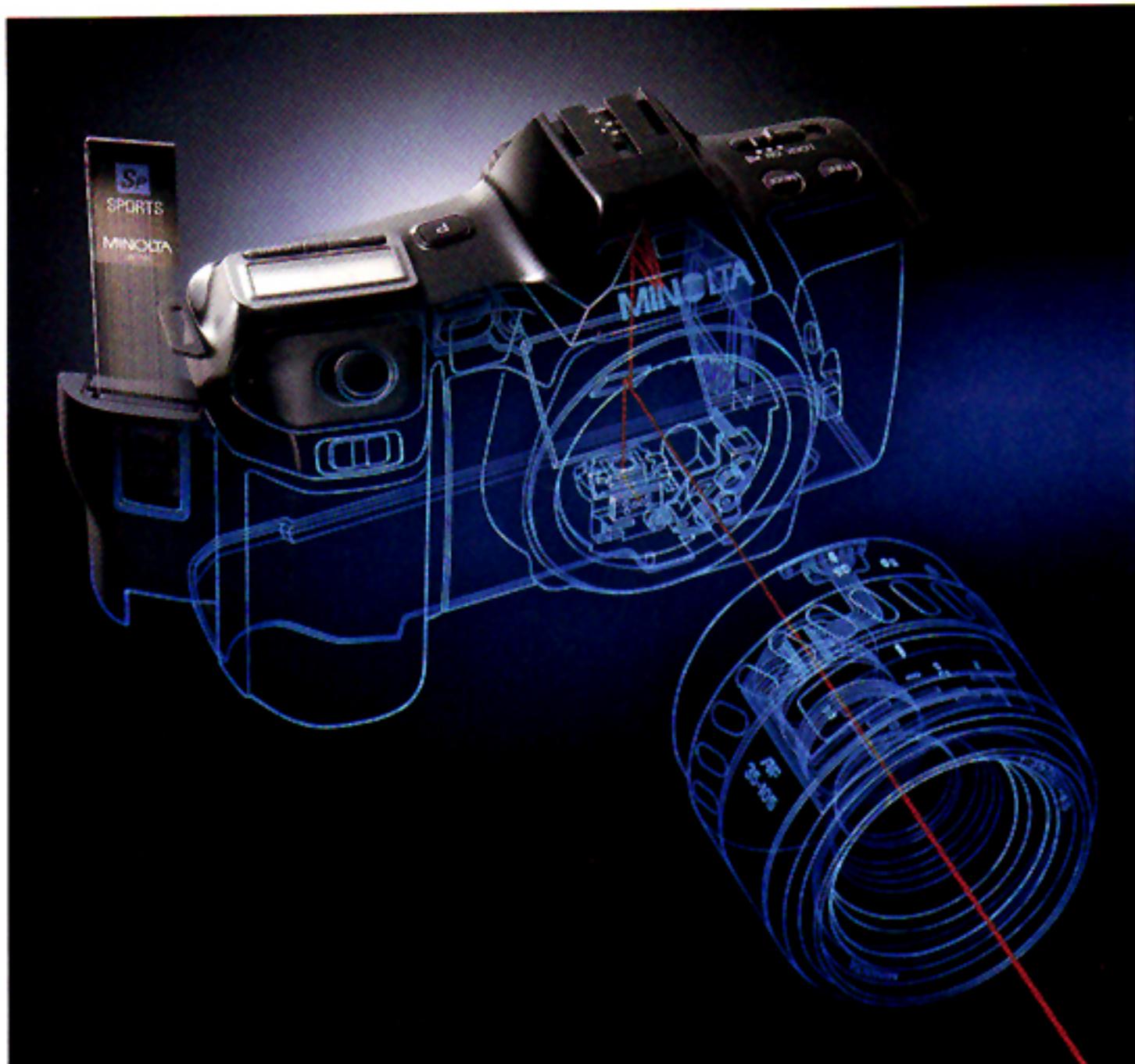
CUSTOMIZED FUNCTION CARD

The Dynax 7000i's customized function card lets you perform fine-tuning operations on the following specifications:

- Selectable Exposure Modes: P,A,M; P,A; P,A,M; P,S,M; P,A; P,S; or P,M; or P
- Slow shutter-speed signal: On or off
- Frame number: Increasing or decreasing numbers
- Film rewind: Automatic or manual start
- Film leader: Rewind into cartridge or left out
- Focus-hold button (new AF 70-210mm, AF 100-300mm zooms): Focus hold, center area focusing, or continuous focus adjustment.

Technology

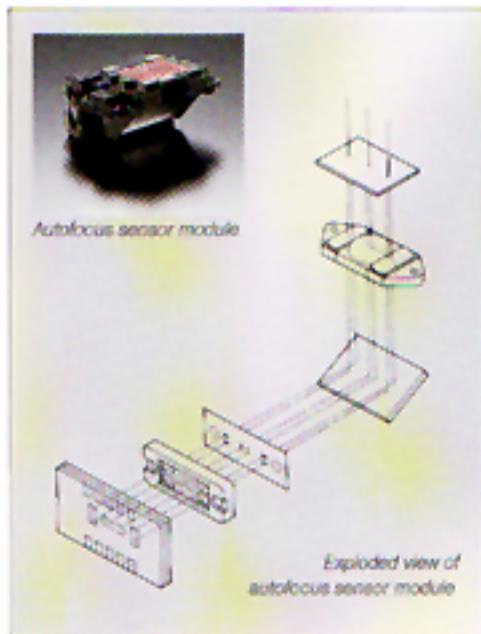
These are the technologies of the Dynax 7000i, the world's first truly intelligent autofocus SLR camera. A camera designed to take you into the unexplored territory of photography that your mind envisions, then capture it in great pictures. All of the Dynax 7000i's intelligent features are fully integrated to help you accomplish this task with a new level of speed, precision and effortless operation you must experience to appreciate.



Intelligent Autofocus System

Multi-sensor autofocus

For the first time in an autofocus SLR, the Dynax 7000i features center area focusing that provides horizontal focus readings, while side sensors read vertically, combining for superior performance with moving and low-contrast subjects. Their combined focus area is 12 times larger than in conventional SLR autofocus systems. This design allows for more variation in contrast or tone for focusing decisions. Side sensors are able to detect differences where the center sensor may not. Exact aiming of the camera is therefore not necessary to achieve precise autofocusing. This greatly improves fast-action focusing.



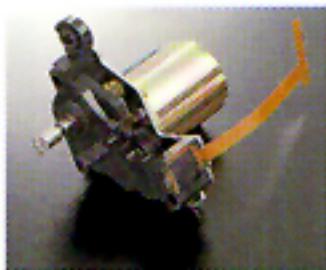
Predictive focus control

Predictive focus control gives you greatly improved computerized auto-focusing. Unlike other autofocus SLR systems, when the shutter-release button is pressed, the Dynax 7000i's predictive focus control continuously drives the motor right up to the instant of exposure to ensure extremely accurate autofocusing of moving subjects.

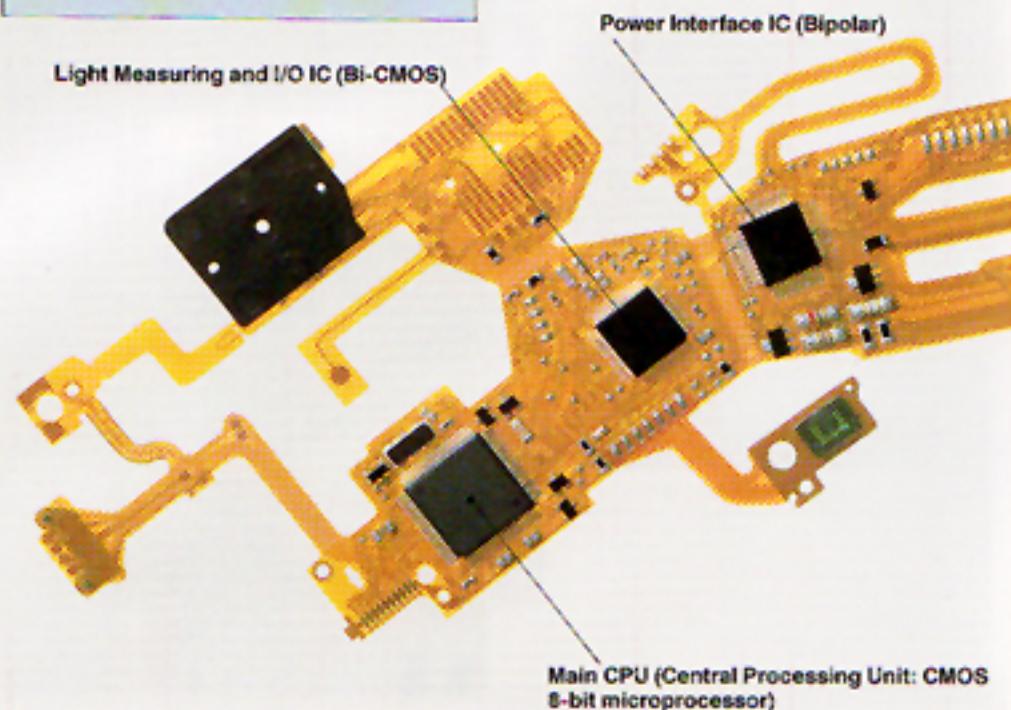


High-speed, high-sensitivity autofocus

The remarkable speed and precision of the Dynax 7000i's Intelligent Autofocus System is possible thanks to three high-sensitivity CCD sensors, high-speed computer data processing and high-speed body-integral lens drive motor. This system uses real-time control to snap the subject into precise focus with lightning speed and extremely quiet operation.



Lens drive motor



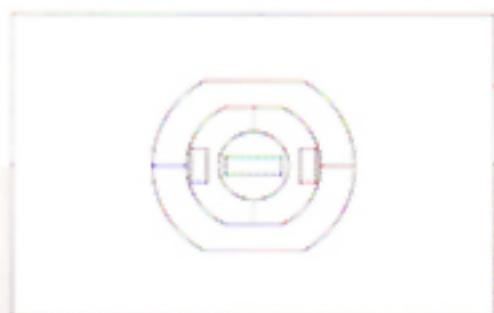
Intelligent Exposure System

AF-integrated multi-pattern metering

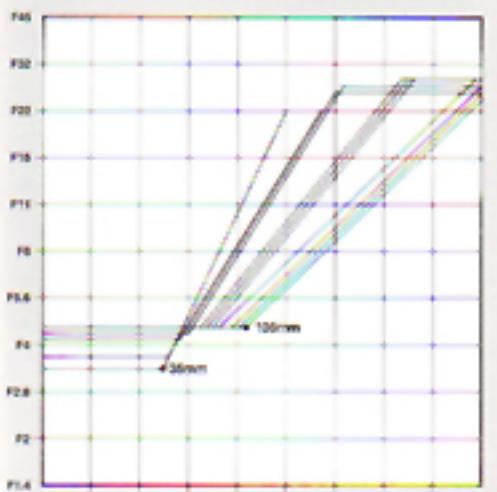
The Dynax 7000i's Intelligent Exposure System features the world's first metering system that is linked directly to the camera's autofocus system. Its metering sensor has six individual segments that are fully autofocus-integrated. This design gives the Dynax 7000i's Intelligent Exposure System very fast response, plus high sensitivity in backlit and spotlighted situations.



Six-segment silicon photocell



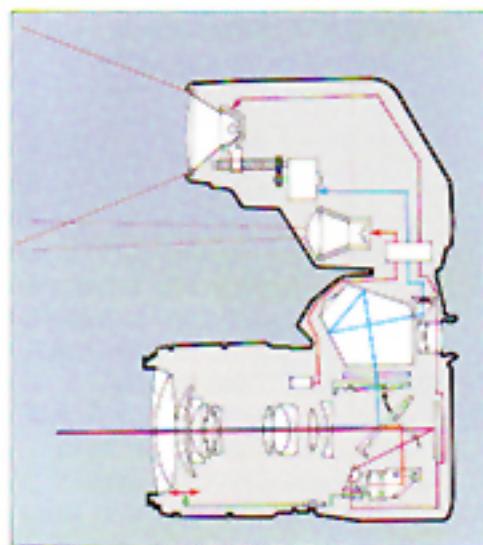
Multi-area metering pattern



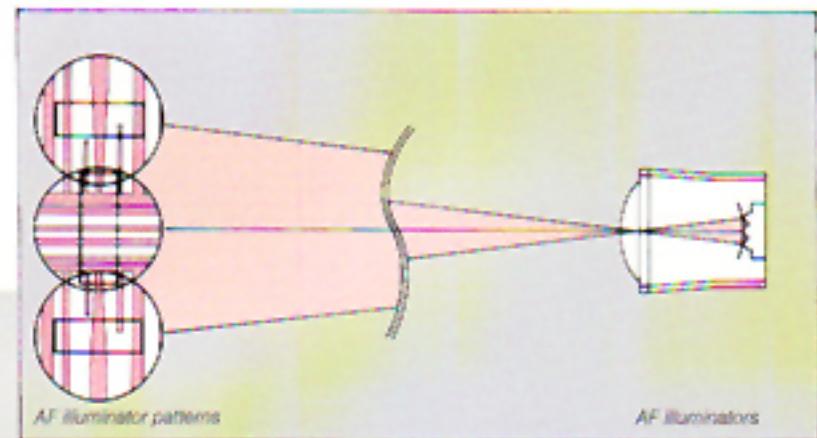
ADVANCED AUTOMATIC MULTI-PROGRAM SELECTION
(with AF-35-105mm f3.5-4.5)

Flash command system

The Dynax 7000i's flash command system continuously maintains the flash at a charged level. Because this system is body-integral, activation is fully automatic with low-light subjects. The daytime fill-in flash creates a beautifully natural balance between background and foreground picture areas.



TTL direct autofocus metering

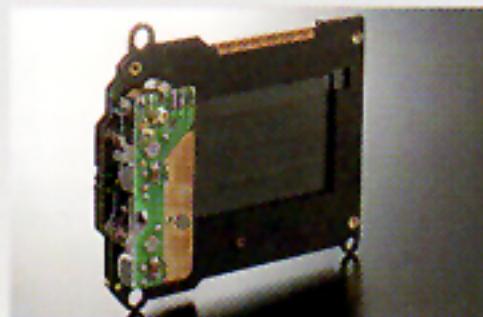


AF illuminators

Advanced automatic multi-program selection

The Dynax 7000i provides the best and widest selection of programs of any programmed 35mm SLR in the world. Better yet, the Dynax 7000i automatically selects the correct program for any Minolta AF lens in use—even altering its program to match the changing focal length when you're using any Minolta AF zoom lens. So there are no program decisions to make. No apertures to adjust. No shutter speeds to set. And no break in your concentration on the subject.

1/4000-second high-speed shutter



1/4000-second high-speed shutter

The Dynax 7000i features a high-speed electronic shutter with speeds ranging from 30 seconds to 1/4000th of a second. Maximum flash sync is at 1/125th of a second.

Ergonomic Design

Camera design

The Dynax 7000i is handsomely designed for superior handling and easy operation, requiring less motion to do more with the camera. Its contoured shape fits in your hands perfectly. Controls are designed to give the camera a smooth and uncluttered look with large, comfortable buttons. The data panel is angled to make it easy to read as you naturally hold the camera. It automatically illuminates in low light. A card door provides access to the camera's Creative Expansion Card System, and conceals other functions until you are ready to use them. The Dynax 7000i's program-reset button makes it the first camera that automatically selects



autofocus mode at the touch of a button. Comfortable viewing is enhanced by the camera's cushioned eyepiece, while the viewfinder is automatically illuminated for easy reading in low light. The new accessory shoe features a dual-channel locking system that allows easy, one-handed mounting and release, while improving flash alignment and AF illuminator accuracy.



Compact lens design

The Dynax 7000i Autofocus SLR System features several Minolta AF lenses with newly developed designs. These lenses are ultra-compact and lightweight, incorporating advanced computerized lens designs and sophisticated electronics including ROM integrated circuits. They are perfectly matched with the Dynax 7000i's ergonomic camera and body-integral AF motor design to provide superior performance and ultimate ease of use. Every new Minolta AF lens also works with the Minolta 7000, 5000 and 9000 cameras, reflecting Minolta's commitment to this system. Our continuing lens development makes it easy and affordable for you to add new lenses as your photographic skills grow.



Minolta's new compact AF 35-105mm lens is significantly smaller than conventional 35-105mm lens in outline.

Intelligent Flash System

A revolution in flash photography

The Dynax 7000i's Intelligent Flash System offers you an unlimited range of creative flash photography possibilities. Advanced system integration lets you shoot great flash pictures anytime, anywhere and under any lighting condition with complete control and confidence.



Program Flash 3200i

The Program Flash 3200i is the ideal unit for the Dynax 7000i photographer. Integrated with the camera's flash command system, the flash fires automatically in low-light conditions, and provides flash compensation for backlit situations with automatic fill-flash operation. Flash coverage and guide number up to 32 (at ISO 100) are automatically controlled according to the lens focal length in use. Its built-in power zoom head automatically adjusts flash coverage from 28mm to 85mm and longer Minolta AF lenses. The Program Flash 3200i's quick charge system uses twin condensers and rapid automatic guide number calculation to provide fast flash charging.





Sequence flash

Sophisticated integration of the Dynax 7000i's continuous drive mode, exposure and advanced automatic flash systems lets you take great pictures in fast-action sequences of up to three frames per second.



A-mode flash

Using the Dynax 7000i's A-mode (aperture-priority) with TTL direct autofocus metering, you can select any available aperture for perfect flash picture results. You can choose larger apertures for maximum flash range or smaller apertures for more depth-of-field in closeups.



M-mode flash

You can also choose any shutter speed from the top flash sync or slower and any available aperture when you shoot flash pictures in the Dynax 7000i's M-mode (manual), providing the ultimate in flash creativity.



Slow shutter sync

Slow shutter sync lets you increase the background exposure for better background detail. This technique also creates a more natural lighting balance between the subject and the background.

Autofocus Lens System

The world's largest selection of interchangeable autofocus lenses

The Dynax 7000i is the heart of the world's most complete selection of interchangeable autofocus lenses. There are presently 31 Minolta AF lenses from 16mm to 600mm, including telephoto, wideangle, macro, zoom and converter optics. Best of all, every autofocus lens is specially designed to work with your Dynax 7000i for unsurpassed performance of camera and lens.

Zoom lenses

Minolta AF zoom lenses cover the range of several fixed-focal-length lenses. Their superb design makes it easy to vary the focal length and field of view, letting you precisely crop your picture without changing lenses. With Minolta AF zoom lenses, the camera automatically changes program selection as you move from wideangle to telephoto and back.

Other zoom lenses

- 24–50mm f/4
- 28–85mm f/3.5–4.5
- 28–135mm f/4–4.5
- 35–70mm f/4
- 75–300mm f/4.5–5.6
- 100–200mm f/4.5
- 80–200mm f/2.8 Apo

35–80mm zoom

This ultra-compact and lightweight zoom lens is an excellent choice as a first zoom lens with your Dynax 7000i. It covers the standard zoom range and has an autofocus macro capability. It also features a new lens design for faster autofocusing, plus a built-in lens cover.



35mm



50mm



80mm

35–105mm zoom

This versatile zoom lets you move from wide, panoramic shots to a closer, more detailed angle of view. It is an ideal all-purpose zoom lens for shooting landscapes, portraits and action photographs.



35mm



70mm



105mm



70-210mm zoom

This mid-telephoto zoom lens provides a great deal of versatility for the active photographer. With this lens you can optically crop photos according to the photographic situation.



70mm



150mm



210mm

80-200mm zoom

Another superb zoom lens with ultra-compact and lightweight design, the Minolta AF 80-200mm zoom is a great first choice for a telephoto zoom. It also features a new lens design for faster autofocus and gives you autofocus macro capability, plus a built-in lens cover.



80mm



135mm

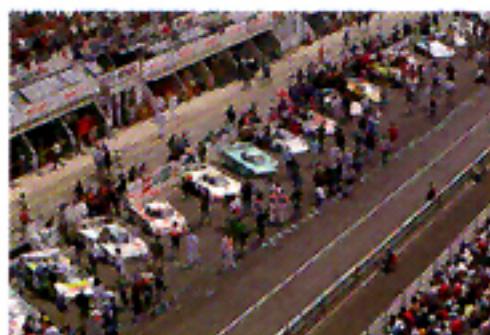


200mm



100-300mm zoom

A very versatile zoom lens, its 3X zoom capability is ideal for a variety of purposes from sports action to portraits, as well as nature and wildlife shooting.



100mm



200mm



300mm

Autofocus Lens System



Wideangle lenses

Minolta AF wideangle lenses provide a wider field of view that lets you "see" more of a scene than a standard lens. The shorter the focal length, the more area you can get into your picture from the same camera position. These lenses are best suited for landscapes and group shots of people.



Special lenses

The Minolta AF Lens System includes special lenses for a number of applications. These are the AF 16mm fisheye, the AF 50mm and the AF 100mm macro lenses that a wide variety of photographers use, from professionals who desire a particular effect to scientists or hobbyists with an interest in macrophotography—and for everyone in pursuit of greater creativity with the Minolta Dynax System.



Telephoto lenses

Minolta AF telephoto lenses let you get optically closer to your subject. They allow you to isolate your subject from its surroundings, so they're ideal for candid portraits, sports, news photography and scenic panoramas.



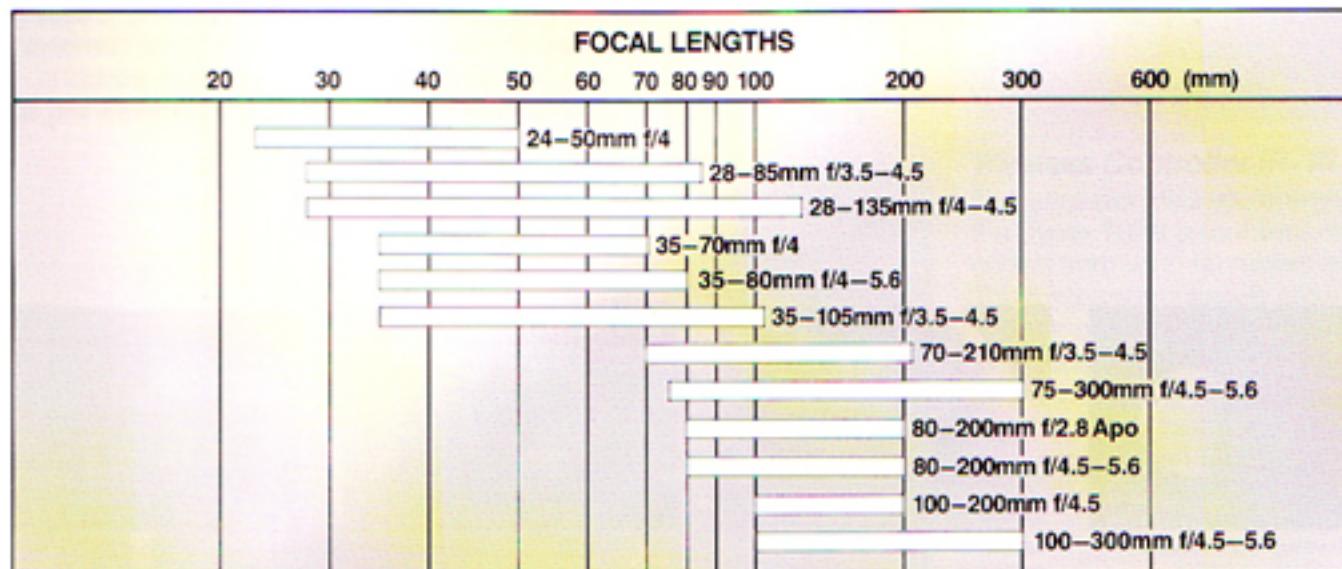
Standard lenses

Minolta AF standard lenses are all-purpose lenses perfect for general photographic situations, from family pictures and action shooting to landscapes and nature photography.

Lens Specifications

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	66.5 × 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	66.5 × 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 × 38.5mm	185g
AF 85/1.4	7/6	28°30'	0.85m	f/22	72mm	78 × 71.5mm	550g
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	385g
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'	6m	f/32	Integral	169 × 449mm	5500g
AF 24-50/4	7/7	84°-47°	0.35m	f/22	55mm	69 × 60mm	285g
AF 28-85/3.5-4.5	13/10	75°-29°	0.8m	f/22-27	55mm	68.5 × 85.5mm	490g
AF 28-135/4-4.5	16/13	75°-18°	1.5m	f/22-27	72mm	75 × 109mm	750g
AF 35-70/4	6/6	63°-34°	1.0m	f/22	49mm	68 × 52mm	255g
AF 35-80/4-5.6	8/8	63°-30°	0.5m	f/22-32	46mm	65 × 58mm	200g
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 × 166.5mm	1350g
AF 80-200/4.5-5.6	9/9	30°-12°30'	1.5m	f/22-27	46mm	67 × 78mm	300g
AF 100-200/4.5	8/7	24°-12°30'	1.9m	f/22	49mm	69.5 × 94.5mm	375g
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 1.4X Tele Converter Apo	5/4	—	—	—	—	64 × 20mm	175g
AF 2X Tele Converter Apo	6/5	—	—	—	—	64.5 × 43.5mm	210g

Minolta AF Zoom Lenses Cover a Wide Range of Focal Lengths.



System Accessories

The world's most complete autofocus SLR system

The Minolta Dynax 7000i's system accessories let you explore the uncharted world of intelligent autofocus SLR photography. Take your choice of a Minolta Program or Data Back for a new standard in camera information, data imprinting and creative control. And select from a full range of other accessories designed to link with your Dynax 7000i for superior photographic versatility.



Program Back PB-7

The Program Back PB-7 lets you select and combine data imprinting, intervalometer, and long exposure functions. This accessory uses precise quartz circuitry for optimum accuracy.

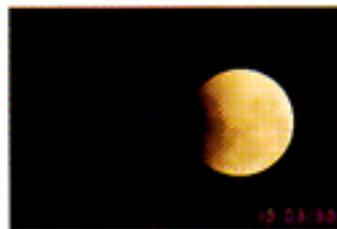
Camera control

You can set the camera to automatically start shooting film sequences and long exposures. Selection is easy with control keys and an easy-to-read LCD panel.



Data imprinting

Four kinds of data can be imprinted in the lower right corner of your pictures: time, date, frame numbers, and codes up to six digits. Imprint exposure control is automatically set according to the camera's film speed setting.



Time: Accurate day, hour and minute imprinting pinpoints the precise moment of exposure.



Date: Month, day and year may be imprinted in one of three combinations.



Count: Frames can be sequentially numbered.



Code: Any six-digit number may be imprinted to encode any frame.



Data Back DB-7

The Data Back DB-7 lets you imprint the date or time on your pictures. It gives you the choice of printing the date as day/month/year, month/day/year or year/month/day. You can print the time of exposure in the 24-hour time format, or select the 12-hour time format with symbols for a.m or p.m. Data imprinting may also be turned off if you wish. The Data Back DB-7 quickly and easily replaces the Dynax 7000i's standard back.



Macro Flash 1200AF Set

By using the Flash Shoe Adapter FS-1100, this specially-designed Program Flash unit easily attaches to the Dynax 7000i to provide versatile illumination for 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. TTL direct autofocus metering assures that your exposures are always correct.



Wireless Controller IR-1N Set

This accessory lets you operate the Dynax 7000i by cordless remote control from up to 60 meters away. Three separate channels allow any number of cameras 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.

Specifications

Type: 35mm SLR with intelligent control of autofocus (AF), autoexposure (AE), and auto film transport systems.

Lens mount: Minolta A-type, self-lubricating stainless-steel bayonet.

Autofocus system: Minolta's through-the-lens (TTL) phase-detection type with three charge-coupled device (CCD) sensors: two vertical sensors, one horizontal sensor; sensitivity range: EV 0 to 18 at ISO 100 in ambient light; wide or center focus area selectable focus-priority shutter release; built-in AF illuminator triggered automatically in low light or low contrast, range up to 9m (30 ft.).

Manual focusing: By referring to focus signals or focusing screen in viewfinder.

Metering: TTL multi-pattern metering coupled to autofocus system; exposure based on area of frame in which subject is focused; center-weighted average metering when using manual focus mode; six-segment silicon photocell (SPC) on pentaprism for ambient light; second SPC at bottom of mirror box for TTL flash metering.

Autoexposure (AE) range: EV 0 to 20 with ISO 100 film and 50/1.4 lens.

Exposure modes:

Program AE: Both shutter speed and aperture set according to program which is automatically selected and continuously adjusted according to lens focal length.

Shutter-priority AE: Any speed from 1/4000 to 30 sec. selectable in full stops, camera sets aperture from range available on lens.

Aperture-priority AE: Any available aperture selectable in half-stops, camera sets stepless shutter speed from 1/4000 to 30 sec.

Manual: Any speed and aperture combination usable; correct exposure and under/overexposure indicated in viewfinder; "bulb" setting for long exposures.

TTL flash metering: Operates in all flash modes with dedicated units; shutter X-sync speed set automatically when flash-on signal appears in viewfinder; in P or A modes, pressing spot-metering button sets slower shutter speed (down to 30 sec.) to balance flash with ambient lighting.

Program AE/shutter-priority AE: Automatic setting of aperture setting and shutter speed between 1/125 and 1/20 sec. according to focal length of lens; flash fires automatically in low light or backlit situations.

Aperture-priority AE: Speed automatically set to 1/125 sec.; any available aperture usable.

Manual: Any shutter speed 1/125 sec. or slower and any available aperture usable.

Exposure controls: +/−4EV exposure adjustment; AE lock is coupled to focus lock; spot-metering in all exposure modes; program shift in half-stops.

Shutter: Electronically controlled vertical-traverse focal-plane type; 1/4000 to 30 sec. with nearest half-stop setting displayed.

Shutter-release button: Pressing button partway down activates meter, autofocus system, and both data panel and viewfinder displays; pressing button all the way down releases the shutter.

Film-speed range: ISO 25 to 6400 in ambient light; ISO 25 to 1000 for TTL flash metering, both in 1/3-EV steps; automatic film-speed setting for DX-coded films can also be changed manually.

Film transport: Automatic with built-in motor drive; auto threading, auto advance to first frame, single-frame advance or continuous advance at up to 3 frames per second, automatic or manual rewind start; advancing frame counter in data panel; shutter locks and audible and visual signals warn that film is loaded incorrectly.

Viewfinder: Eye-level fixed pentaprism shows 92% × 94% of 24 × 36mm film-frame area; magnification 0.84X with 50mm lens at infinity.

Data displays: Data panel: Liquid-crystal display (LCD) data panel shows exposure mode, shutter speed, aperture, manual-focus mode, film speed, frame number, self-timer operation, "bulb" operation, battery condition, exposure adjustment, film advance mode, focus area selected, card function in use; Viewfinder: LCD illuminated in low light and shows shutter speed, aperture, exposure adjustment, film speed, whether light level is within metering range, over/underexposure warning; both displays illuminated in low light; light-emitting diodes (LED) indicate flash is on, flash is ready to fire, and sufficient flash exposure; focus status indicated by combination of LEDs and backlit LCD.

Power: 6-volt 2CR5 lithium battery; battery checked automatically each time camera switched on sliding main switch with LOCK, ON, and $\frac{1}{2}$ positions.

Audible signal: Camera beeps if film is loaded incorrectly and when battery power is low, when subject is in focus, during self-timer operation, and at slow shutter speeds.

Self-timer: Electronic with 10-second delay; cancelable; camera beeps and red light blinks twice a second during operation.

Size and weight: 69 × 93 × 153mm, 590g without lens and battery.

PROGRAM FLASH 3200i

Exposure control: Direct Autoflash Metering in all flash mode.

AF illuminator range: 0.5m–9m*

Indications: Power ON/OFF, flash-ready signal glows when unit is charged
"LO" power setting, "AUTO" appears when automatic flash control is used in program mode.

Flash coverage: 28mm to 85mm set automatically and steplessly according to the focal length in use.

Power source: Four AA-size 1.5V alkaline batteries or 1.2V Ni-Cd batteries.

Guide number at ISO 100: 28mm coverage 85mm coverage

Power level: Normal	Lo	Normal	Lo
GN in meters: 22	5.5	32	8

Maximum flash range (ISO 100 with 50/1.4 lens) Normal Lo power

P mode:	0.45–10m	0.45–2.5m
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A/M mode:	0.45–20m	0.45–5m
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Optional accessories: Off-Camera Cable OC-1100, Off-Camera Shoe CS-1100, Cable CD, Cable EX, Triple Connector TC-1100, Flash Shoe Adapter FS-1100, Ni-Cd Charger NC-2 with batteries.

Dimensions: 73 × 77 × 98.5mm

Weight: 200g

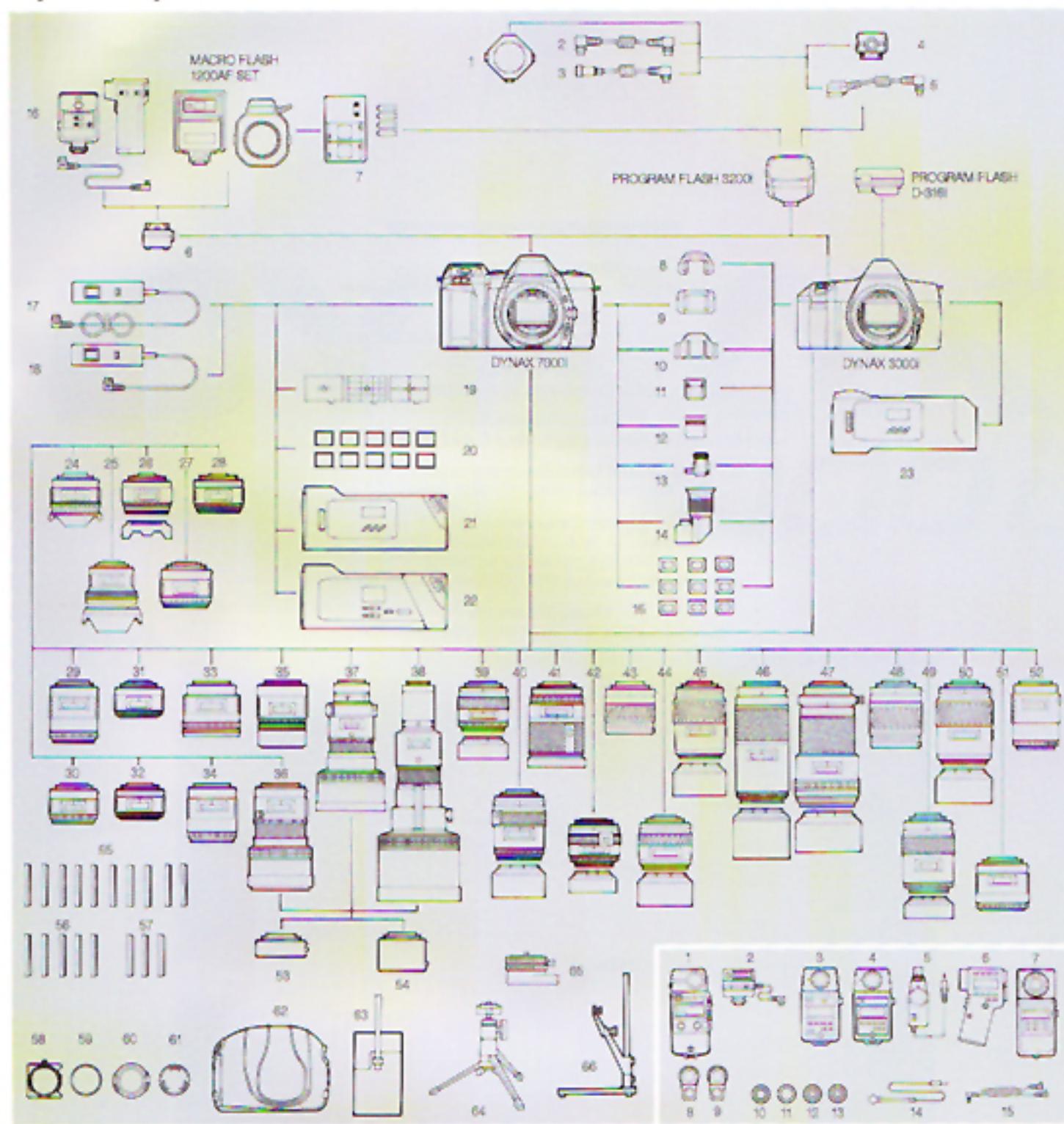
*Minolta's standard test method at EV1 with ISO 100 and 50mm lens.

Specifications subject to change without notice.

NOTE:

The Minolta Dynax System is designed and produced to offer innovative functions and performance through the combination of Minolta Dynax camera bodies, Minolta AF lenses, Minolta Program Flash units and other accessories distributed by Minolta. We thus caution users that the attachment or use of incompatible lenses, flashes, or accessories may result in unsatisfactory performance or damage to the Minolta Dynax cameras or their system accessories. For optimum performance throughout the life of the Minolta Dynax cameras and their accessories and to obtain the benefits of future Minolta Dynax system products, we recommend use only of lenses, flashes and other accessories distributed by Minolta for the Minolta Dynax cameras.

Dynax System Chart



Flash Accessories

1. Triple Connector TC-1000
2. Cable CD
3. Cable EX
4. Off-Camera Shoe CS-1100
5. Off-Camera Cable CC-1100
6. Flash Shoe Adapter FS-1100
7. Ni-Cd Charger NC-2
8. Eyepiece Cup ED-3
9. Eyepiece Cup ED-7
10. Eyepiece Cap
11. Accessory Shoe Cap SC-3
12. Accessory Shoe Cap SC-7
13. Magnifier Vn
14. AngleFinder Vn
15. Eyepiece Corrector 1000
16. Wireless Controller IR-1N Set*
17. Remote Cord RC-1000L
18. Remote Cord RC-1000S
19. Focusing Screen 7
20. Creative Expansion Cards

21. Data Back DB-7
22. Program Back PB-7
23. Data Back DB-3
24. AF 16mm f2.8 Fisheye
25. AF 20mm f2.8
26. AF 24mm f2.8
27. AF 28mm f2
28. AF 28mm f2.8
29. AF 35mm f1.4
30. AF 36mm f2
31. AF 50mm f1.4
32. AF 50mm f1.7
33. AF 85mm f1.4
34. AF 100mm f2
35. AF 135mm f2.8
36. AF 200mm f2.8 Apo
37. AF 300mm f2.8 Apo
38. AF 600mm f4 Apo
39. AF 24-50mm f4
40. AF 28-85mm f3.5-4.5
41. AF 28-135mm f4-4.5
42. AF 35-70mm f4

43. AF 35-80mm f4-5.6
44. AF 35-105mm f3.5-4.5
45. AF 70-210mm f3.5-4.5
46. AF 75-300mm f4.5-5.6
47. AF 80-200mm f2.8 Apo
48. AF 80-200mm f4.5-5.6
49. AF 100-200mm f4.5
50. AF 100-300mm f4.5-5.6
51. AF 50mm f2.8 Macro
52. AF 100mm f2.8 Macro
53. AF 1.4X Tele Converter Apo
54. AF 2X Tele Converter Apo
55. Filters
56. Panorama Filters
57. Close-up Lenses
58. Gelatin Filter Holder
59. Body Cap
60. Front Lens Cap
61. Rear Lens Cap
62. Camera Case
63. Lens Case
64. Mini Tripod TR-1

Camera Accessories

65. Panorama Head II
66. Copy Stand II
- *Usable only with Dynax 7000!
- **Usable only with Dynax 7000i with Flash Shoe Adapter FS-1100
1. Flash Meter IV
2. Data Receiver DR-1000**
3. Auto Meter III
4. Auto Meter III
5. Booster II
6. Spotmeter II
7. Color Meter II
8. Viewfinder 5*
9. Viewfinder 10*
10. 4X & 8X Spherical ND Diffuser
11. Spot Mask
12. Flat Diffuser
13. Reflected-light Attachment
14. Mini Receptor
15. Sync Cord II

Minolta Camera Co., Ltd.
30, 2-Chome, Azuchi-Machi, Higashi-Ku, Osaka 541, Japan

Minolta GmbH
Kurt-Fischer-Straße 50, D-2070 Ahrensburg, West Germany

Minolta France S.A.
357 bis, rue d'Estienne d'Orves, 92700 Colombes, France

Minolta (UK) Limited
1-3 Tanners Drive, Bickleylands North, Milton Keynes, MK14 5BU, England

Minolta Austria Gesellschaft m.b.H.
Amalienstrasse 59-61, 1131 Wien, Austria

Minolta Camera Benelux B.V.
Zonnebaan 39, 3606 CH Moorsebrook, P.B. 264,
3600 AG Moerseer, The Netherlands
Belgium Branch Stenen Brug 115-117, 2200 Antwerpen Belgium

Minolta (Schweiz) AG
Riedhof 8, 8053 Dietikon-Zürich, Switzerland

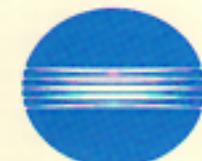
Minolta Svenska AB
Brönnkyrkogatan 64, Box 17074, S-10462 Stockholm 17, Sweden

Minolta Corporation
Head Office 101 Williams Drive, Ramsey, New Jersey 07446, U.S.A.
Los Angeles Branch 3105 Lomita Boulevard, Torrance, CA 90505, U.S.A.
Chicago Branch 3000 Tollview Drive, Rolling Meadows, IL 60008, U.S.A.
Atlanta Branch 5904 Peachtree Corners East, Norcross, GA 30071, U.S.A.

Minolta Canada Inc.
Head Office 369 Bitchnia Road East, Mississauga, Ontario L4Z 2H5, Canada
Montreal Branch 376 rue McArthur, St. Laurent, Quebec H4T 1X8, Canada
Vancouver Branch 105-3830 Jacombs Road, Richmond, B.C. V6V 1Y6, Canada

Minolta Hong Kong Limited
Room 208, 2/F, Eastern Center, 1065 King's Road, Quarry Bay, Hong Kong

Minolta Singapore (Pte) Ltd.
10, Teban Gardens Crescent, Singapore 2260



MINOLTA