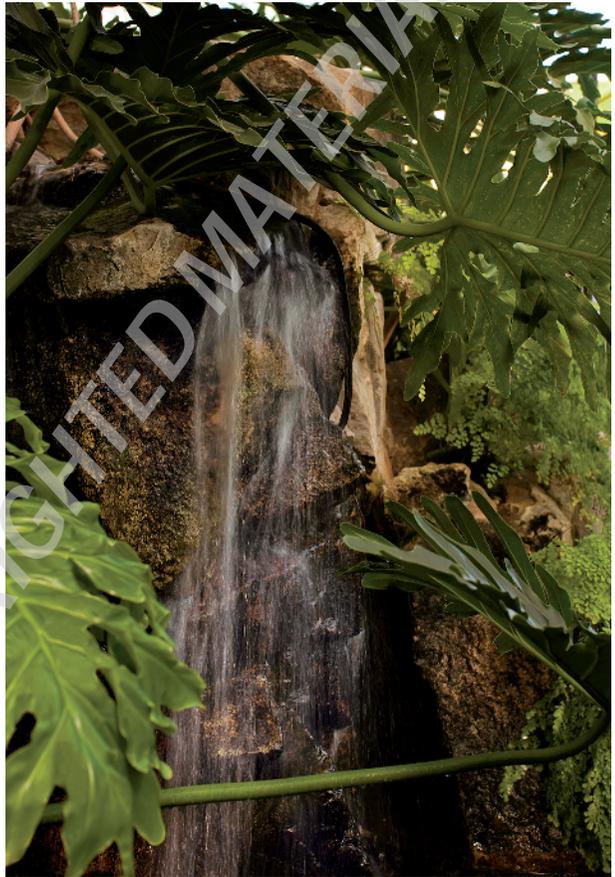


# Roadmap to the 7D

This chapter puts some of the new features and technologies of the Canon EOS 7D into everyday perspective and offers a roadmap to navigating the camera controls and menus. The Canon 7D offers photographers high image resolution, snappy performance, and plenty of creative control. It fits easily and comfortably in your hand, with just enough heft to make it feel substantial.

The 7D's fast performance records images at a rate of 8 frames per second (fps) and at a stunning 18-megapixels. For example, the 18-megapixel image sensor at  $5184 \times 3456$  pixels produces full-resolution prints at approximately  $11.5 \times 17$  inches at 300 ppi, or  $21 \times 14$  inches at 240 ppi for inkjet prints.

All in all, the 7D makes shooting pleasurable and satisfying while delivering excellent image resolution and quality.



# Camera Controls Overview

The following sections provide methods for using the controls in logical and efficient ways because once you learn the overall design, you can make camera adjustments more efficiently.

There are three main controls that can be used together or separately to control most functions on the 7D:

► **Main dial and Quick Control dial.**

These enable you to make changes for the four dual-function buttons located along the top LCD panel, such as the AF-Drive button (Autofocus mode and Drive mode). You use the Main dial to change the first named function next to the button. So for the AF-Drive button, you turn the Main dial to change the Autofocus mode and the Quick Control dial to change the Drive.



**1.1 The Main and Quick Control dials**

This holds true for the Metering Mode/White Balance and ISO-Flash Compensation buttons on the camera as well. Some camera menu screens, such as the Quality screen, also use the Main and Quick Control dials for selecting different values on the screen.

- **Multi-controller.** This eight-way control functions as a button when it is pressed, and as a joystick when it is tilted in any direction. With the Quick Control screen, the Multi-controller is the primary control. To activate the Quick Control screen, press the Q button, and then tilt the Multi-controller to move around the screen. Once an option is selected, turn the Quick Control dial or Main dial to make changes. You can use the Multi-controller to select the AF point, a white balance setting, move through an image in magnified view during playback, and to enlarge the frame in Live View.



**1.2 The Multi-controller**

- ▶ **Setting (Set) button.** The Set button confirms changes you make to many menu items, and it opens submenus. On the Quick Control screen, accessed by pressing the Q button on the back of the camera, you can select a setting using the Multi-controller, such as White Balance, and then press the Set button to display all the options for the setting — in this case, the White Balance screen showing all White Balance options.

## Front of the camera

The front of the camera includes the nicely sculpted grip that increases control and balance when handling the camera, as well as the controls that you use often. The front of the camera includes the following features, from left to right:

- ▶ **Red-eye reduction/Self-timer lamp.** When using the built-in flash with the Red-eye Reduction option turned on, this lamp lights to help reduce pupil size to reduce the appearance of red in the subject's eyes if the subject looks at the lamp. In the two Self-timer modes, this lamp flashes to count down the seconds (either 10 or 2) to shutter release.
- ▶ **Remote control sensor.** Works with the accessory Remote Controllers RC-1 or RC-5 for remote release of the shutter up to 16.4 feet from the camera. Point the remote control at this sensor and press the transmit button. The Self-timer light lights when the Drive mode is set to one of the Self-timer modes.
- ▶ **DC coupler cord hole.** Enables you to use household power when using the accessory AC Adapter Kit ACK-E6.
- ▶ **Mirror.** As you compose an image, the reflex mirror reflects light from the lens to the pentaprism so you see in the viewfinder eyepiece what's captured by the imaging sensor. The viewfinder offers 100 percent frame coverage. In Live View shooting, the mirror is flipped up to allow a current view of the scene. If you are using Quick mode focusing, the mirror flips down to focus, thereby suspending Live View momentarily.
- ▶ **Lens mount and contacts.** The lens mount is compatible with Canon EF and EF-S lenses. EF-S lenses are compatible with only the cropped image sensor size of the 7D and other Canon EOS digital SLR cameras. EF lenses are compatible with all EOS digital SLRs. The lens mount includes a red index marker that is used to line up EF-mount lenses and a white index mount marker that is used to line up EF-S lenses.



### 1.3 EOS 7D camera front

- ▶ **Depth-of-Field preview button.** Pressing this button stops down the lens diaphragm to the currently selected aperture so that you can preview the depth of field in the viewfinder. The larger the area of darkness, the more extensive the depth of field will be. The button can be used also be used during Live View shooting. If the lens is set to the maximum aperture, the Depth-of-Field preview button cannot be depressed because the diaphragm is already fully open.
- ▶ **Lens Release button.** This button releases the lens from the lens mount. To disengage the lens, depress and hold down the Lens Release button as you turn the lens so that the red or white index mark moves toward the top of the camera.

- ▶ **Flash button.** In P, Tv, Av, M, and B shooting modes, press this button to pop up and use the built-in flash. In Full Auto shooting mode, pressing the Flash button has no effect because the camera automatically determines when to use the built-in flash.

## Top of the camera

Dials and controls on the top of the camera provide access to frequently used shooting functions in addition to the hot shoe and diopter control.

- ▶ **Mode dial.** Turning this dial selects the shooting mode, which determines how much control you have over image exposures. Shooting modes are grouped as follows:

- **Fully automatic shooting modes:**

- Full Auto

- Creative Auto

- **Creative shooting modes:**

- P (Program AE)

- Tv (Shutter-priority AE)

- Av (Aperture-priority AE)

- M (Manual exposure)

- B (Bulb)

- ▶ **Camera User Settings.** This group includes three shooting modes that you can program with your favorite camera settings:

- C1

- C2

- C3

Just turn the dial to line up the shooting mode that you want to use with the white mark to the right of the dial.



### 1.4 EOS 7D top of the camera



Shooting modes are detailed in Chapter 3. Chapter 5 explains how to set up the customizable Camera User Setting, or C modes.

- ▶ **Power switch.** The power switch turns the camera off and on.
- ▶ **Hot shoe.** The hot shoe mounting plate with flash sync contacts is where you mount an accessory flash unit. The 7D hot shoe is compatible with E-TTL II auto flash with accessory Canon EX-series Speedlites, and offers wireless multi-flash support. When using a compatible EX-series Speedlite, the 7D offers flash configuration from the camera using the Shooting 1 menu. The camera also provides Flash Exposure Compensation to decrease or increase the flash output by up to plus or minus 3 stops in 1/3- or 1/2-stop increments.
- ▶ **Dioptric adjustment knob.** Turn this control forward or backward to adjust the sharpness for your vision by -3 to +1 diopters. If you wear eyeglasses or contact lenses for shooting, be sure to wear them as you turn the dioptric adjustment control. To make the adjustment, point the lens to a light-colored surface such as a piece of white paper or a white wall, and then turn the control until the AF points are perfectly sharp and crisp for your vision.
- ▶ **Focal plane mark.** The mark indicates the equivalent of the film plane and is useful in macro photography when you need to know the exact distance from the front of the image sensor plane to the subject.
- ▶ **Main dial.** The Main dial selects a variety of options. Turn the Main dial to change the first named option on the dual-function buttons, cycle through camera Menu tabs, cycle through autofocus (AF) points when selecting an AF point manually, set the aperture in Av shooting mode, set the shutter speed in Tv and Manual (M) shooting modes, and shift the exposure in Program (P) shooting mode.
- ▶ **Multi-function button.** When you press the AF-point selection button, and then press the Multi-function (M-Fn) button, you can change the AF area selection mode either single-point AF, Zone AF, or 19-point AF. Chapter 3 details AF area selection modes. When using the built-in flash, pressing this button locks the flash exposure at the point you choose and fires a preflash to calculate and retain in memory the required flash output.
- ▶ **Shutter button.** When you press the Shutter button halfway, the 7D automatically meters the light in the scene and focuses on the subject. Completely pressing the Shutter button opens the shutter to make the picture. In High-Speed or Low-Speed Continuous drive mode, pressing and holding the Shutter button starts burst shooting at either 8 or 3 fps, respectively. In Self-timer modes, pressing the Shutter button completely initiates the 10- or 2-second timer, and after the timer delay, the shutter fires to make the picture.
- ▶ **LCD Panel Illumination button.** Pressing the LCD Panel Illumination button turns on an amber light to illuminate the LCD panel for approximately 6 seconds.

This is a handy option for making LCD panel adjustments in low light or in the dark.

- ▶ **ISO/Flash Exposure Compensation button.** Pressing this button enables you to change the ISO sensitivity setting using the Main dial or to change the Flash Exposure Compensation using the Quick Control dial. The ISO options are as follows:
  - **ISO.** You can choose from Auto (ISO 100-3200 in all shooting modes except Bulb and when the flash is used), 100, 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, and with C.Fn I-3 turned on, you can also choose H: 12800.
- ▶ **AF Mode/Drive Mode button.** Pressing this button enables you to change the Autofocus mode using the Main dial, or to change the Drive mode using the Quick Control dial. The options for each are listed here:
  - **AF modes.** The choices are One-shot AF, AI Focus AF, and AI Servo AF.
  - **Drive modes.** The Drive modes you can choose from are Single-shot, High-speed Continuous (8 fps), Low-speed Continuous (3 fps), and Self-timer (10- and 2-second delays).
  - **Flash Exposure Compensation.** You can choose to adjust this plus or minus 3 stops (EV) in 1/3-stop increments. Or you can make changes in 1/2-stop increments by setting C.Fn I-1 to Option 1.
- ▶ **Metering Mode/White Balance button.** Press this button to change the Metering mode and/or the White Balance settings. To change the Metering mode, turn the Main dial; to change the White Balance, turn the Quick Control dial. The options for each are as follows:
  - **Metering modes.** The choices include Evaluative (63-zone TTL full-aperture metering), Partial (9.4 percent at center frame), Spot (2.3 percent at center frame), and Center-Weighted Average.
  - **White Balance.** Choices include Auto (3000-7000 degrees Kelvin (K)), Daylight (5200 K), Shade (7000 K), Cloudy (6000 K), Tungsten (3200 K), White Fluorescent (4000 K), Flash (6000 K), Custom (2000-10000 K), and K (Kelvin Temperature, 2500-10000 K).

## Back of the camera

The back of the camera includes the 3-inch, 920,000-dot (VGA) LCD monitor that provides a very smooth display of multicolored menus and shooting information. The LCD includes a multi-coating that reduces glare, and protects against smudges and scratches. Here is a look at the back of the 7D:



### 1.5 Back of the 7D

- ▶ **One-touch RAW+JPEG button.** If the camera was set to only JPEG recording, pressing this button captures a RAW image with the JPEG image. If the camera was set to RAW capture only, pressing this button captures a Large Fine-quality JPEG in addition to the RAW image. If the camera was set to RAW+JPEG, pressing this button has no effect. You must first setup One-touch RAW+JPEG on the Shooting 3 menu before you can use this button.

- ▶ **Quick Control button.** Pressing the Menu button displays the Quick Control screen on the LCD where you can make changes to the most commonly used camera settings.
- ▶ **Menu button.** Pressing the Menu button displays the most recently accessed camera menu and menu option. To move among the menus, turn the Main dial or tilt the Multi-controller.
- ▶ **Picture Style button.** Pressing this button displays the Picture Style screen where you can choose one of six preset Picture Styles or three customizable styles that you can create and register. A Picture Style determines how an image is rendered in terms of color, saturation, sharpness, and contrast. The Picture Style screen shows the currently selected Picture Style along with the sharpness, contrast, saturation, and color tone settings that are in effect.
- ▶ **INFO. button.** During shooting, pressing the Info button displays the Info screen that details the current camera settings, displays the Electronic Level to square horizontal and vertical lines with the frame, and displays shooting functions. When playing back images, pressing the Info button one or more times cycles through four different playback display modes.
- ▶ **Playback button.** Pressing this button displays the last captured or viewed image. To cycle through images on the card, turn the Quick Control dial counter-clockwise to view images from last taken to first, or turn the dial clockwise to view images from first taken to last. To change the playback display, press the INFO button one or more times.
- ▶ **Erase button.** Pressing the Erase button during image playback displays options to cancel or erase the currently displayed image as long as it has not had protection applied to it. Batches of images can be erased together by selecting and check-marking images.
- ▶ **Quick Control (Lock) switch.** Setting this switch to the on setting that looks like a hockey stick enables full use of the Quick Control dial for selecting camera options and settings. The Lock position limits use of the Quick Control dial.
- ▶ **Quick Control dial.** The Quick Control dial selects a variety of settings if the Quick Control switch is set to the left position (to the hockey-stick shaped icon). The Quick Control dial selects the second named function for the buttons above the LCD panel. When the camera menus are displayed, turning the Quick Control dial cycles through the options on each menu. When shooting, you can use the Quick Control dial to manually select an AF point after pressing the AF-point Selection button.

- ▶ **Setting (SET) button.** Pressing this button confirms menu selections, opens submenu screens, and, on the Quick Control screen, it opens function screens from which you can change settings such as the ISO, Exposure Compensation, and Exposure Bracketing.
- ▶ **Access lamp.** This light, located to the lower right of the Quick Control dial, lights or blinks red when any action related to taking, recording, reading, erasing, or transferring images is in progress. Whenever the light is lit or blinking, do not open the CF card slot door, turn off the camera, or remove the battery.
- ▶ **Multi-controller.** The eight-way Multi-controller functions as a button when pushed and as a joystick when tilted in any direction. During shooting, you can use it to select an AF point after pressing the AF-point Selection button, move the AF point or magnifying frame in Live View shooting, or to select and set camera menu options. On the Quick Control screen, the Multi-controller provides access to primary shooting and exposure options. Tilt the Multi-controller to move among the functions on the screen. To change a setting, turn the Quick Control or Main dial, or press the Set button to access the function's setting screen. When working with camera menus, the Multi-controller is used to set White Balance shift settings.
- ▶ **AF-Point Selection/Magnify button.** During shooting, pressing this button and M-Fn button enables you to select one of three default AF area modes: Single-point AF, Zone AF, or Auto-select 19-point AF and two other modes enabled through C.Fn III-6. Then you can choose an AF point or points displayed in the viewfinder. The Main dial cycles through AF points horizontally. The Quick Control dials cycles through AF points vertically. When playing back images, pressing and holding this button magnifies still images so that you can check focus or details in the image. To move around a magnified image, tilt the Multi-controller. During printing preparation, pressing this button changes the size of the trimming frame.
- ▶ **AE Lock/FE Lock/Index/Reduce button.** During shooting, pressing this button enables you to set and lock the exposure at a point different from where you focus. During image playback, pressing this button displays four images at a time, and pressing it again displays an index of nine images on the LCD monitor. In Playback mode with an image magnified, pressing, or pressing and holding this button, reduces the image magnification. When you are printing images, pressing this button reduces the size of the trimming frame.

- ▶ **AF-On/AF Start button.** Pressing the AF-On button initiates autofocus in P, Tv, Av, M, and B shooting modes and when you're shooting in Live View or Movie modes in the same way as half-pressing the Shutter button.
- ▶ **Live View Shooting/Movie Shooting Switch/Start/Stop button.** Setting this switch to the Live View (the camera icon) position and pressing the Start-Stop button initiates Live View shooting. The camera raises the camera's reflex mirror to display a current view of the scene on the LCD monitor. Alternatively, set the switch to the Movie (video camera icon), focus, and then press the Start-Stop button to begin shooting movies. Press the Start-Stop button again to stop shooting in Live View or Movie mode.
- ▶ **Viewfinder eyepiece and eyecup.** The 7D viewfinder is an eye-level pentaprism with approximately 100 percent vertical and horizontal coverage. The focusing screen cannot be changed.

## Side of the camera

On one side of the 7D is the CompactFlash (CF) card slot door. Opening the door reveals the slot for the CF card and the card eject button. The opposite side of the camera houses two sets of camera terminals under individual rubber covers. The rubber covers are embossed with descriptive icons and text to identify the terminals.

Here is an overview of each camera terminal by rows.

- ▶ **PC terminal.** This threaded, no-polarity terminal enables connection between the camera and studio flash units that have a sync cord. While Canon recommends using a sync speed of 1/30 to 1/60 second, I have found that the camera syncs with my studio strobes at 1/125 second with no problem, although you should test your system first. With corded non-Canon flash units, the sync speed is 1/250 second.




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See Chapter 8 for details on working with flash units.

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- ▶ **Remote Control terminal.** This N3-type terminal connects with the accessory Remote Switch RS-80N3, Timer Remote Controller TC80N3, or other N3-type EOS accessory.

- ▶ **External microphone IN terminal.** This terminal enables stereo sound recording with an accessory microphone that has a stereo mini plug (3.5mm diameter).
- ▶ **Audio/Video OUT/Digital terminal.** Use this terminal when you want to connect the camera to a non-HDTV to view images and movies stored on the media card. Be sure to use only the supplied AV cable to make the connection. You can connect the camera directly to a computer to download images from the camera to the computer, or to a PictBridge-compatible printer to print images directly from the CF card.
- ▶ **HDMI mini OUT terminal.** This terminal, coupled with the accessory HDMI Cable HTC-100, enables you to connect the camera to an HDTV. You cannot use the HDMI mini OUT terminal simultaneously with the Video OUT terminal.



**1.6 EOS 7D terminals**



Displaying images on a TV is covered in Chapter 2.

## Bottom of the camera

The bottom of the camera houses the battery compartment cover, tripod socket, and the Extension system terminal for connection with the Wireless File Transmitter WFT-E5A/B/C/D.



**1.7 EOS 7D bottom-of-the-camera components shown with the LP-E6 battery pack**

## Lens Controls Overview

Lens controls differ according to the lens that you are using. In addition to autofocus-ing, you can also switch to manual focusing by setting the switch on the side of the lens to MF, or Manual Focusing on lenses that offer manual focusing. Manual focusing includes focus assist. As you adjust the focusing ring on the lens, the focus confirmation light in the lower-right side of the viewfinder lights steadily and the camera sounds a focus confirmation beep when sharp focus is achieved.

While lenses are covered fully in Chapter 9, navigating the camera includes using the lens controls, and so I include them here. Additional lens controls may include the following, depending on the lens.

- ▶ **Lens mounting index.** The red or white mark on the lens is where you match up with the red or white mark on the 7D's lens mount to attach the lens to the camera. Canon EF lenses have a red index mark and EF-S lenses have a white mark.

- ▶ **Focusing distance range selection switch.** This switch limits the range that the lens uses when seeking focus. For example, if you choose the 2.5m to infinity focusing distance option on the EF 70-200mm, f/2.8L IS USM lens, then the lens does not seek focus at 2.5m and closer, and this speeds up autofocus. The focusing distance range options vary by lens.
- ▶ **Zoom ring.** Turning this ring zooms the lens to the focal length marked on the ring. On some older lenses, such as the EF 100-400mm f/4.5-5.6L IS USM lens, zooming is accomplished by first releasing a zoom ring, and then pushing or pulling the lens to zoom out or in.



**1.8 Lens controls, as shown on an EF 70-200mm f/2.8L IS USM lens**

- ▶ **Distance scale and infinity compensation mark.** The distance scale shows the lens's minimum focusing distance through infinity. The scale includes an infinity compensation mark that can be used to compensate for shifting the infinity focus point that results from temperature changes.
- ▶ **Focusing ring.** Turning the focusing ring enables manual focusing or focus tweaking at any time on compatible lenses, even if you are using autofocus. If the lens switch is set to MF, turn this ring to focus on the subject.
- ▶ **Focus Mode switch.** Choose Manual or Autofocus.
- ▶ **Image stabilizer switch.** This switch turns on or off Optical Image Stabilization. Optical Image Stabilization (IS) corrects vibrations at any angle or at only right angles when handholding the camera and lens.
- ▶ **Image stabilizer mode switch.** On some telephoto lenses, this switch enables image stabilization for standard shooting and stabilization when you are panning with the subject movement at right angles to the camera.

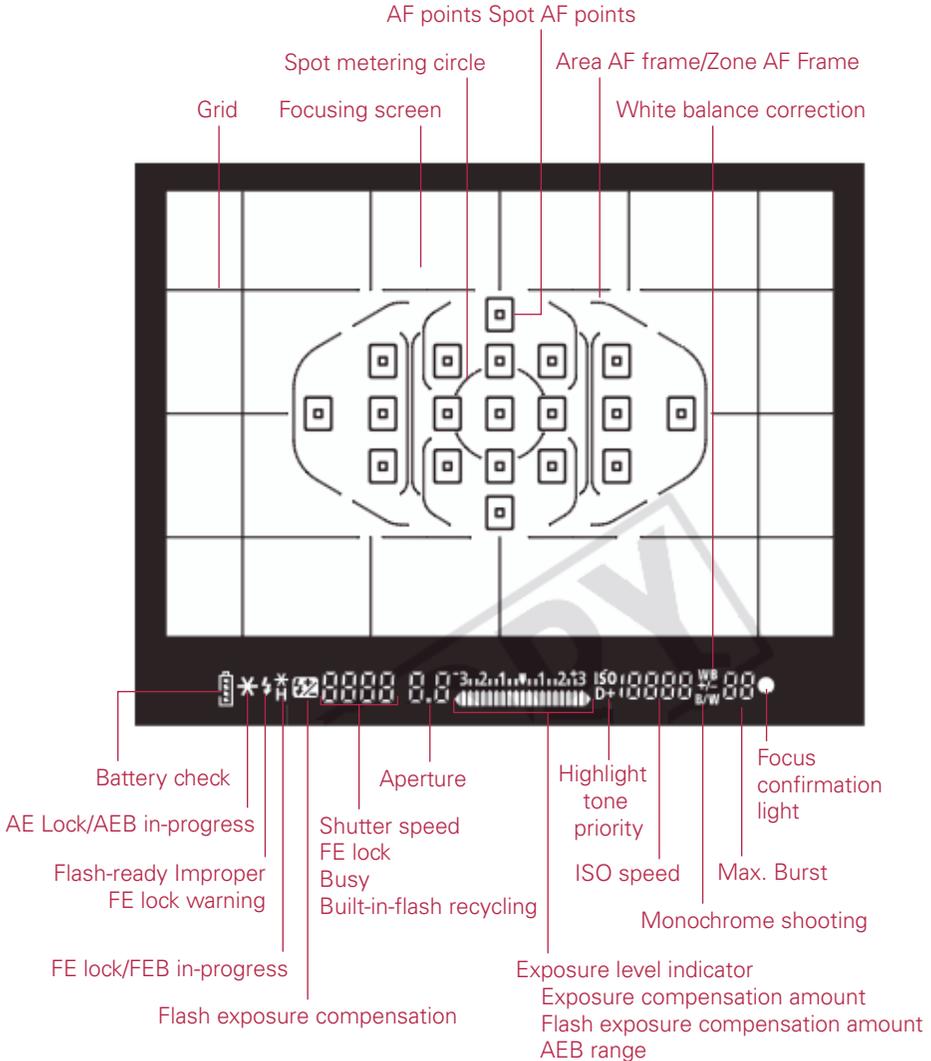
## Viewfinder display

The eye-level pentaprism viewfinder displays 100 percent of the scene that the camera captures.

The viewfinder includes 19 AF points superimposed on the focusing screen, as well as key exposure and camera setting information.

Looking through the viewfinder during shooting allows you to verify that camera settings are as you want, or to alert you if they need to be changed. In addition, you are alerted when any exposure element you have chosen is beyond the exposure capability of the light in the scene.

The following diagram shows the viewfinder information and what each element represents.



1.9 EOS 7D viewfinder display

## Camera menus

The 7D offers 12 menus grouped as tabs in the categories of Shooting, Movie, Playback, Setup, Custom Functions, and a customizable My Menu. Accessing the menus is as easy as pressing the Menu button on the back of the camera.

The menus and options change, based on the shooting mode you select. In the automatic shooting modes, such as CA and Full Auto, the menus are abbreviated and you can make only limited changes to the exposure and camera settings.

But in semiautomatic and manual modes such as P, Tv, Av, M, and B the full menus are available. If you find a technique described in this book, but you cannot find the option mentioned on the menu, check camera's shooting mode. By changing to a semiautomatic or Manual Mode, the option you need is displayed.

Table 1.1 through Table 1.12 show the full camera menus and options that are displayed in P Tv, Av, M, and B shooting modes.

**Table 1.1 Shooting 1 Menu**

Commands	Options
<i>Quality</i>	Large/Fine, Large/Normal, Medium/Fine, Medium/Normal, Small/Fine, Small/Normal, RAW, M (Medium) RAW, S (Small) RAW
<i>Red-eye On/Off</i>	On, or Off
<i>Beep</i>	On, or Off
<i>Release shutter without a card</i>	Enable, or Disable
<i>Review time</i>	Off, 2 sec., 4 sec., 8 sec., Hold
<i>Peripheral illumin. Correct.</i>	Enable, or Disable
<i>Flash control</i>	Flash firing (Enable/Disable), Built-in flash function setting (E-TTL II, Manual flash, MULTI flash), Shutter sync (1 <sup>st</sup> curtain, 2 <sup>nd</sup> curtain, Hi-speed), Flash exposure compensation (plus or minus 3 Exposure Values (EV)), E-TTL II (Evaluative or Average), Wireless function (Disable, Ext: Int, Ext only, Ext + Int), External flash function setting (available only with flash connected), External flash C.Fn setting (available only with flash connected), Clear external flash C.Fn setting (available only with flash connected)

**Table 1.2 Shooting 2 Menu**

Commands	Options
<i>Expo. comp./AEB (Exposure Compensation/Auto Exposure Bracketing)</i>	1/3-stop increments by default, up to plus or minus 5 stops of Exposure Compensation and up to plus or minus 3 stops of AEB
<i>Auto Lighting Optimizer</i>	Disable, Low, Standard, or Strong
<i>White Balance</i>	Auto (AWB), Daylight, Shade, Cloudy, Tungsten, White Fluorescent, Flash, Custom (2500 to 10000K), K (Color Temperature 2500 to 10000K)
<i>Custom WB</i>	Set a manual White Balance

Commands	Options
<i>WB SHIFT/BKT (White Balance shift/bracketing)</i>	White Balance correction using Blue/Amber (B/A) or Magenta/Green (M/G) color bias; White Balance Bracketing using B/A and M/G bias
<i>Color space</i>	sRGB, Adobe RGB
<i>Picture Style</i>	Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Defined 1, 2, and 3

**Table 1.3 Shooting 3 Menu**

Commands	Options
<i>Dust Delete Data</i>	Locates and records dust on the image sensor so you can use the data in the Canon Digital Photo Professional program to erase dust spots on images
<i>One-touch RAW+JPEG</i>	Enables simultaneous capture of RAW, M RAW, or S RAW images and JPEG images at any of the JPEG quality levels

**Table 1.4 Shooting 4 Menu**

Commands	Options
<i>Live View shooting</i>	Enable, or Disable
<i>AF mode</i>	Live Mode, (Face detection) Live mode/Quick mode
<i>Grid display</i>	Off, Grid 1, Grid 2
<i>Exposure simulation</i>	Enable, Disable
<i>Silent shooting</i>	Mode 1, Mode 2, Disable
<i>Metering timer</i>	4, 16, 30 sec., 1, 10, 30 min.

**Table 1.5 Movie Shooting Menu**

Commands	Options
<i>AF mode</i>	Live Mode, (Face detection) Live mode/Quick mode
<i>Grid display</i>	Off, Grid 1, or Grid 2
<i>Movie recording size</i>	1920 x 1080 (30, 25, or 24 fps), 1280 x 721 (60 or 50 fps), 640 x 480 (60 or 50 fps)
<i>Sound recording</i>	On, or Off
<i>Silent shooting</i>	Mode 1, Mode 2, or Disable
<i>Metering timer</i>	4, 15, 30 sec., 1, 10, 30 min.

**Table 1.6 Playback 1 Menu**

Commands	Options
<i>Protect images</i>	Marks and protects selected images from being deleted
<i>Rotate</i>	Rotates the selected vertical image clockwise at 90, 270, or 0 degrees
<i>Erase images</i>	Select and erase images, All images in folder, or All images on [CF] card
<i>Print order</i>	Select images to be printed (Digital Print Order Format, or DPOF)
<i>External media backup</i>	Available when the accessory Wireless Transmitter (WFT-E5A/B/C/D) is used along with external media such as a storage device or computer

**Table 1.7 Playback 2 Menu**

Commands	Options
<i>Highlight alert</i>	Disable, or Enable. When enabled, overexposed highlights blink in all image-playback displays
<i>AF-point disp (display)</i>	Disable, Enable. Superimposes the AF point that achieved focus on the image during playback
<i>Histogram</i>	Brightness, or RGB. Brightness displays a tonal distribution histogram. RGB displays separate Red, Green, and Blue color channel histograms
<i>Slide show</i>	Setup (Select images, set play time and Repeat [On/Off]). Start a slide show of all images on the CF card
<i>Image jump with Main dial</i>	Move through images by: 1, 10, 100 (images at a time), Date, Folder, Movies, or Stills

**Table 1.8 Setup 1 Menu**

Commands	Options
<i>Auto power off</i>	1, 2, 4, 8, 15, 30 min., or Off
<i>Auto Rotate</i>	On for camera and computer, On for computer only, or Off. Turns vertical images to upright orientation for the camera's LCD and/or computer display
<i>Format</i>	Format and erase images on the CF card
<i>File numbering</i>	Continuous, Auto reset, Manual reset
<i>Select folder</i>	Create and select a folder
<i>WFT Settings</i>	Displays the wireless file transfer settings when an accessory Canon WFT-E5A/B/C/D is in use
<i>Recording func.+media select</i>	Displayed when an accessory Canon WFT-E5A/B/C/D is used

**Table 1.9 Setup 2 Menu**

<b>Commands</b>	<b>Options</b>
<i>LCD brightness</i>	Auto (three brightness levels), or Manual (seven adjustable levels of brightness)
<i>Date/Time</i>	Set the date (year/month/day) and time (hour/minute/second)
<i>Language</i>	Choose language
<i>Video system</i>	NTSC, PAL
<i>Sensor cleaning</i>	Auto cleaning (Enable, Disable), Clean now, or Clean manually
<i>VF (Viewfinder) grid display</i>	Disable, or Enable. Displays a grid to help you square up vertical and horizontal lines in the scene with the frame

**Table 1.10 Setup 3 Menu**

<b>Commands</b>	<b>Options</b>
<i>Battery info</i>	View remaining battery capacity, shutter count, and recharge performance, battery registration, and battery history
<i>INFO. button display options</i>	Camera Settings, the Electronic level, or shooting functions. Choose the option you want displayed when you press the INFO. button
<i>Camera user setting</i>	Register or clear camera settings to C1, C2, or C3 shooting modes. Registers the current camera settings to the C1, C2, or C3 mode on the Mode dial
<i>Copyright information</i>	Display copyright information, Enter author's name, Enter copyright details, Delete copyright information. Enter and save copyright information that's embedded with images
<i>Clear all camera settings</i>	Restores the camera's default settings, does not delete copyright information or change Camera User Settings (C-mode settings) or My Menu settings; this does not restore Custom Function to their original default settings
<i>Firmware Ver. (Firmware version number)</i>	Displays the existing firmware version number, and enables you to update the camera's firmware

**Table 1.11 Custom Functions Menu**

<b>Commands</b>	<b>Options</b>
<i>C.Fn I: Exposure</i>	Displays Custom Functions related to exposure such as exposure level increments, ISO increments, ISO expansion, bracketing auto cancel, bracketing sequence, safety shift, and flash sync speed in Av mode
<i>C.Fn II: Image</i>	Displays Custom Functions related to the image noise and tone, including long exposure noise reduction, high ISO speed noise reduction, and highlight tone priority
<i>C.Fn III: Autofocus/Drive</i>	Displays Custom Functions related to autofocus and drive operation, including AI Servo tracking sensitivity, AI Servo first and second image priority, AI Servo AF tracking method, lens drive when AF is impossible, AF Microadjustment, select AF area selection mode, manual AF point selection pattern, VF display illumination, display all AF points, Focus display in AI Servo/MF, AF-assist beam firing, orientation linked AF point, and mirror lockup
<i>C.Fn IV: Operation/Others</i>	Displays Custom Functions related to camera controls, including custom controls, dial direction in Tv/Av shooting modes, add image verification data, and add aspect ratio information
<i>Clear all Custom Func. (C.Fn)</i>	Restores all of the camera's default Custom Function settings

**Table 1.12 My Menu**

<b>Commands</b>	<b>Options</b>
My Menu settings	Save frequently used menu options and Custom Functions