

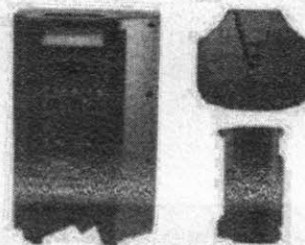
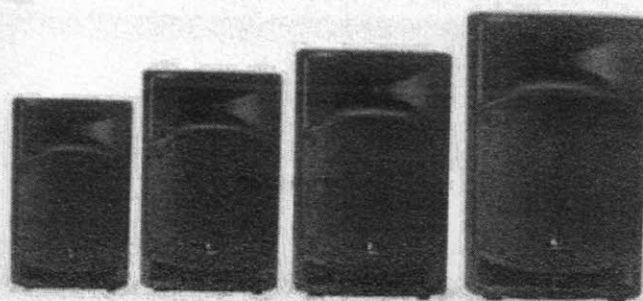
COMISSÃO DE CONTRATAÇÃO
Fl. 302
P.M CARIRÉ

K-AUDIO

KBA

A Potência do seu som.

Caixas Ativas



SÉRIE CX
POTÊNCIA E DEFINIÇÃO

MODELO	CX 1008A	CX 1010S	CX 1012A	CX 1016A
Auto-Teste	8 polígonos	10 polígonos	12 polígonos	16 polígonos
Estrutura	Alu	Alu	Alu	Alu
Potência RMS	100 watts	100 watts	200 watts	300 watts
Frequência	20Hz-20KHz	20Hz-20KHz	20Hz-20KHz	20Hz-20KHz
Sensibilidade	90dB (1m/1W)	90dB (1m/1W)	90dB (1m/1W)	90dB (1m/1W)
Impedância	8 Ohm	8 Ohm	8 Ohm	8 Ohm
Driver	Titanio 1"	Titanio 1"	Titanio 1"	Titanio 1"
Amplificador	Classo D	Classo D	Classo D	Classo D
Controle Remoto	Não	Sim	Não	Não
Conexão USB	Sim	Sim	Sim	Sim



SÉRIE KBA

POTÊNCIA E DEFINIÇÃO

COMISSÃO DE CONTRATAÇÃO
Fl. 303
[Signature]
P.M CARIRÉ

MODELO	KBA08	KBA10	KBA12	KBA15
Auto-Falante	8 polegadas	10 polegadas	12 polegadas	15 polegadas
Estrutura	Aço	Aço	Aço	Aço
Potência RMS	100 watts	120 watts	180 watts	250 watts
Frequência	65Hz-18KHz	55Hz-18KHz	50Hz-18KHz	50Hz-18KHz
Sensibilidade	96dB (±2dB)	96dB (±2dB)	96dB (±2dB)	96dB (±2dB)
Impedância	8 Ohm	8 Ohm	8 Ohm	8 Ohm
Driver	Titânio 1"	Titânio 1"	Titânio 1.35"	Titânio 1.35"
Amplificador	Classe A/B	Classe A/B	Classe A/B	Classe A/B
Controle Remoto	Sim	Sim	Sim	Sim
Conexão USB	Sim	Sim	Sim	Sim
Display USB	Não	Sim	Sim	Sim





KBA 15

Caixa ativa de 15 polegadas



Woofer: 15" MF/LF 1.5" Voice coil



Bluetooth



Display Digital

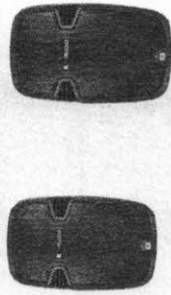


Precisa de ajuda?
Converse conosco



- Gabinete resistente em polipropileno	
- Resposta de Frequência:	50Hz-20K(+/-3dB)
- Sensibilidade	(1m/lw): 96dB
- Woofer:	15" MF/LF 1.5" Voice coil
- Crossover:	2.5KHz
- Max SPL:	120dB
- Potência Máxima:	350W
- Alimenta uma caixa passiva	
- Bluetooth	
- Display Digital	
- Alças e rodinhas	
- Peso:	14Kg
- Tamanho do produto:	400x360x670mm
- Tamanho do produto (caixa):	485x400x745mm

Produtos Relacionados



Precisa de ajuda?
Converse conosco



- Home
- Quem Usa
- Empresa
- Marcas
- Catálogo
- Representantes
- Assistência Técnica

ONDE COMPRAR



KBA 8
R\$1,100.00



KBA 10
R\$1,100.00



KBA 12
R\$1,100.00



KB12P



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Precisa de ajuda?
Converse conosco



Marcas

- KADOSH
- K-AUDIO
- KONECT
- GONZALEZ
- KARPIUS
- KEY POWER
- ACESSÓRIOS

Institucional

- Fale conosco
- A empresa
- Garantia estendida
- Trabalhe conosco
- Assistência técnica
- Representantes
- Política de privacidade
- Termos de garantia

Contatos

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Precisa de ajuda?
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EOS 90D

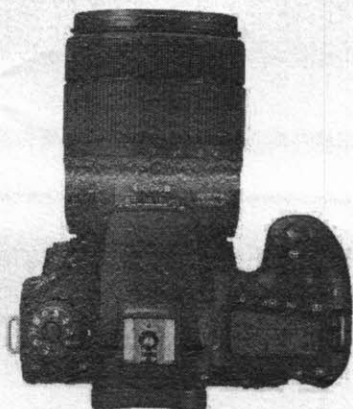
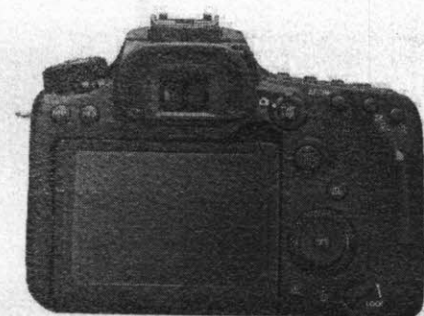


SHOOT FROM ANY ANGLE

The EOS 90D is a powerful, fully equipped interchangeable lens camera providing you with everything you need at your fingertips to advance your photography and video skills. The EOS 90D shoots a fast 10 frames per second continuous shooting with full auto focus tracking. Paired with the 3" vari-angle LCD touch screen, the EOS 90D allows you to get creative and photograph your subject from any angle. The camera also comes equipped with a 32.5 MP APS-C CMOS sensor and the ability to shoot 4K 30p and Full HD 120p movies.

Quick upload and share

With integrated Wi-Fi and Bluetooth connectivity, you can share the images from your EOS 90D to your smart device quickly and easily with the Canon Camera Connect App. A constant connection between the EOS 90D and your smartphone can be maintained via Bluetooth® connectivity, letting you view your photographs without taking the camera from your bag. Connection to the app also enables you to remotely shoot from your smart device- so you can ensure you're squeezing everyone in to those group shots.



Canon

EOS 90D

32.5 MEGA PIXELS
CMOS
TTL: 34.4 MP

Shoot your world with a brilliant 32.5 megapixel Canon CMOS sensor. The latest sensor provides stunning clarity and the freedom to crop in



Fast, powerful and innovative, Canon's advanced DIGIC 8 imaging processor commands cutting-edge technologies to deliver stunning quality, fast performance and intuitive operation



**Wi-Fi
Bluetooth®**

With built in Wi-Fi, it's easy to share your images to your favourite social media platforms. You can also shoot remotely via your smartphone or tablet using the Canon Camera Connect App

220,000
PIXEL
RGB+IR Metering
sensor

The 220,000-pixel RGB+IR metering sensor measures both visible light and invisible infra-red light, giving accurate exposures

Cross-type
Max. **45** -point
AF

For pin-point focusing or wide-area tracking, the 45 all cross type AF points are individually selectable or grouped into areas, giving you greater control over composition regardless of where your subject is in the frame

Dual Pixel CMOS AF

Dual Pixel CMOS AF delivers fast and smooth AF as well as exceptional tracking performance when shooting in Live View and movie mode

ISO
25600
12800

Designed to shoot in varying light conditions, the camera has a native ISO 100-25,600 range, expandable to ISO 51,200 and the AF system will continue to work even under moonlight (-3EV)

**RAW
JPEG**
In-Camera
RAW processing

Convert images from RAW to JPEG in camera with the ability to change white balance or picture style settings. Multiple images can be converted in a batch for convenience

Up to
11
Frames
Per Sec

The EOS 90D delivers high-speed continuous shooting at up to 11 frames per second so you can be confident in catching fast moving action



Approx.
100%
Viewfinder

The Intelligent Viewfinder with approx 100% coverage lets photographers shoot and change settings whilst looking through the viewfinder so you won't need to take your eyes off the action

EOS Movie
4K+FULL HD

Whether you're creating a travel vlog or cinematic-style movie, the EOS 90D offers total flexibility with 4K 30p and Full HD 120p shooting

Vari angle LCD

Find new angles high or low with the 3.0" Vari-angle Clear View LCD II screen. Touch screen interface makes it easy and intuitive to change settings, select focus points and review images

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Technical Specifications

EOS 90D

IMAGE SENSOR	
Type	APS-C CMOS
Effective Pixels	Approx. 32.5 megapixels
Total Pixels	Approx. 34.4 megapixels
Aspect Ratio	3:2
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour
IMAGE PROCESSOR	
Type	DIGIC 8
LENS	
Lens Mount	EF/EF-S
Focal Length	Equivalent to 1.6x the focal length of the lens
FOCUSING	
Live View Shooting	Dual Pixel CMOS AF
Viewfinder Shooting	TTL secondary image-registration, phase-difference detection with the dedicated AF sensor
AF System/ Points	45 cross-type AF points
AF working range	EV -3 - 18 (at 23° C & ISO100)
AF Modes	Spot AF 1-Point AF Zone AF Large Zone AF Face Priority AF AI Focus One Shot AI Servo Movie Servo AF Continuous AF Eye Detection AF
AF area (live shooting)	Horizontal: approx. 88%, Vertical: approx. 100%
AF Lock	Locked when shutter button is pressed half way
AF Assist Beam	Intermittent firing of built-in flash or emitted by optional dedicated Speedlite
AF Microadjustment	Adjust all lenses by same amount Adjust by lens
Manual Focus	Selected on lens
EXPOSURE CONTROL	
Metering modes	<u>Viewfinder shooting:</u> Approx 220,000 pixels RGB+IR metering sensor 216-zone (18x12) TTL full-aperture metering <u>Live View shooting and Movie recording:</u> 384-zone metering with image sensor EV 1-20 (optical viewfinder) EV -2 - 20 (Live View) EV 0 - 20 (Movie recording)
Metering Range	Auto: In One-shot AF mode with evaluative metering exposure is locked when focus is achieved. Manual: By AE lock button in P, TV, AV and M mode.
AE Lock	Auto: In One-shot AF mode with evaluative metering exposure is locked when focus is achieved. Manual: By AE lock button in P, TV, AV and M mode.
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (viewfinder) +/-3 EV in 1/3 or 1/2 stop increments (Live View/ Movie)
AEB	+/-3 EV 1/3 or 1/2 stop increments
ISO Sensitivity (8)	Auto (100-12800min / 100-25600 max) in 1-stop increments. Manual (100-25600) in 1/3-stop increments, expanded to 51200 equivalent. Minimum limit may change depending on the lens
SHUTTER	
Type	Vertical-travel mechanical focal-plane shutter, electronically controlled at all speeds
Speed	Creative Zone: 1/16000 - 30 sec, bulb Basic Zone: 1/8000 - 1 sec Available range varies by shooting mode

WHITE BALANCE	
Type	Auto white balance with the imaging sensor
Settings	AWB (Ambience priority, White priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting. White balance compensation: 1. Blue/Amber +/-9. Magenta/ Green +/-9 Yes, 1 setting can be registered
Custom White Balance	
WB Bracketing	+/-3 levels in single level increment
VIEWFINDER	
Type	Pentaprism
Coverage (Vertical/Horizontal)	Approx. 100%
Magnification	Approx. 0.95x (4)
Eyepoint	Approx. 22mm (from eyepiece lens centre)
Dioptre Correction	-3 to +1 m-1 (dioptre)
Focusing Screen	Fixed
Mirror	Quick-return half mirror
Viewfinder Information	AF information: AF points, focus confirmation, AF area selection mode Exposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, spot metering circle, exposure warning, AEB. Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light. Image information: Card information, maximum burst (2 digit display), Highlight tone priority (D+). Composition information: Grid, Electronic level, Aspect Ratio Other information: Battery check, Alert symbol, Flicker Detection Yes, with Depth of Field preview button.
Depth of field preview	
Eyepiece shutter	None. Eyepiece cover attached to strap
LCD MONITOR	
Type	Touch screen vari angle 7.7cm (3.0") 3:2 Clear View II TFT, approx. 1040K dots
Coverage	Approx. 100%
Viewing Angle (horizontally/vertically)	Approx. 170°
Coating	Anti smudge
Brightness Adjustment	Adjustable to one of seven levels
Touch Screen Operations	Touch Shutter Touchscreen sensitivity Beep
FLASH	
Type	Manual pop-up retractable flash in the pentaprism housing
Guide number	Approx 12/39.4 (ISO100 m/feet)
Flash coverage	Approx. 17mm focal length/angle of view
Flash exposure compensation	+/- 3 stops in 1/3 or 1/2 stop increments. It is available using either built-in flash on the side of the camera or an external flash unit.
Built-in Flash recycle time	Approx. 3 seconds
Modes	Auto, Manual flash, Integrated Speedlite Transmitter
Colour temperature	Equivalent to daylight
Red eye reduction	Using the red eye reduction lamp
FE lock flash metering	Supported
Flash sync speed	Max 1/250 sec
Slow synchro	1/250 - 30 sec (auto) 1/250 - 1/60 sec (auto) 1/250 sec (fixed)
External Flash Compatibility	EL/EX series Speedlites supported
E-TTL II flash metering	Evaluative (Face Priority) Evaluative Average

Canon

Technical Specifications

EOS 90D

SHOOTING	
Modes	Scene Intelligent Auto (Stills and Movie), SCN (Portrait, Group Photo, Landscape, Close-up, Sports, Night Portrait, Handheld Night Scene, HDR Backlight Control, Food, Kids, Candlelight, Panning), HDR movies, Creative filters, Program AE, Shutter priority AE, Aperture priority AE, Manual (Stills and Movie), Bulb, Custom
Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)
Colour Space	Selectable between sRGB and Adobe RGB
Image Processing	Highlight Tone Priority (Disable/Enable/Enhanced) Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings) Multi Shot Noise Reduction Auto Correction of Lens Peripheral illumination and Chromatic aberration correction Diffraction correction Digital Lens Optimizer Creative filters (Grainy B/W, Soft focus, Fish-eye effect, Water painting effect, Toy camera effect, Miniature effect, HDR x 4) RAW image processing (Brightness adjustment, White balance, Picture Style, ALO, High ISO speed NR, image quality, Colour space, Lens aberration correction.)
Drive modes	Single, Continuous L, Continuous H, Continuous Shooting Panning, Silent Single Shooting, Self timer (2s+remote, 10s +remote, Continuous)
Continuous Shooting	One shot: Max approx. 10 fps (viewfinder) / 11 fps (live view) Servo: Max approx. 10 fps (viewfinder) / 11 fps (live view)
LIVE VIEW MODE	
Type	Electronic viewfinder with image sensor
Coverage	Approx. 100%
Frame Rate	30 fps
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen)Autofocus: Dual Pixel CMOS AF (Face detection and Tracking AF, FlexiZone-Multi, FlexiZone-Single), Tracking sensitivity (-3 to +3) and Movie Servo AF Speed (-7 to +2)
Metering	Real-time evaluative metering with image sensor. Evaluative metering, partial metering, spot metering, center-weighted average metering.
Display Options	Basic, Detailed, On-screen buttons, Histogram, Electronic level
FILE TYPE	
Still Image Type	JPEG: (Exif 2.31 compliant) RAW: RAW (14bit, Canon original RAW CR3), RAW/C-Raw and JPEG simultaneous image recording quality is supported.
RAW+JPEG simultaneous recording	
Image Size	JPEG 3:2: (L) 6960 x 4640, (M) 4800 x 3200, (S1) 3472 x 2320, (S2) 2400 x 1600, (RAW/CRAW) 6960 x 4640 JPEG 4:3: (L) 6160 x 4640, (M) 4256x3200, (S1) 3072x2320, (S2) 2112x1600, (RAW/CRAW) 6960 x 4640 JPEG 16:9: (L) 6960x3904, (M) 4800x2688, (S1) 3472x1952, (S2) 2400x1344, (RAW/CRAW) 6960 x 4640 JPEG 1:1: (L) 4646x4646, (M) 3200x3200, (S1) 2320x2320, (S2) 1600x1600, (RAW/CRAW) 6960 x 4640
Movie Type	MP4 MPEG-4 AVC/H.264 (variable averaged bit rate) Audio: AAC/Linea PCM
Movie Size	4K (3840 x 2160) Uncropped/Cropped 29.97 fps Full HD (1920 x 1080) 119.88 fps HD (1280 x 720) 59.94 fps HDR (1920 x 1080) 29.97 fps
Movie Length	Max duration 29min 59sec, Max file size 4GB (If file size exceeds 4GB a new file will be created automatically)

OTHER FEATURES	
Custom Functions	29 Custom Functions
Water / Dust resistance	Yes
Playback zoom	1.5x - 10x
Histogram	Brightness: Yes RGB: Yes
Image Erase/Protection	Erase: Single image, All images in folder, All images on card Protection: 6 options
Menu Languages	29 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Malay, Indonesian and Japanese
Firmware Update	Update possible by the user.



Canon

Technical Specifications

EOS 90D

INTERFACE	
Computer	Hi-Speed USB
Other	Video output (PAL/ NTSC) (integrated with USB terminal), HDMI mini output (Type C only, CEC not supported), External microphone (3.5mm Stereo mini jack), Headphone socket (Stereo mini jack)
DIRECT PRINT	
Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
PictBridge	Yes
STORAGE	
Type	SD, SDHC or SDXC (UHS-II) card
SUPPORTED OPERATING SYSTEMS	
PC & Macintosh	Windows 10 / 8.1 / 8 / 7(*)* With Microsoft .NET Framework 4.5 is installed. Mac OS X 10.9, 10.10, 10.11
SOFTWARE	
Image Processing	Digital Photo Professional 4.4.0 (RAW Image Processing)
Other	EOS Utility Canon Camera Connect App

POWER SOURCE	
Batteries	Rechargeable Li-ion Battery LP-E6N (supplied)
Battery life	Approx. 1860 (at 23° C)- Not including battery packs
Battery Indicator	6 levels + percentage
Power saving	Power turns off after 30 sec, 1, 2, 4, 8, 15min
Power Supply & Battery Chargers	AC Adapter AC-E6(N), DC coupler: DR-E6, Battery charger LC-E6/LC-E6E
ACCESSORIES	
Viewfinder	Eyecup Eb, E-series Dioptic Adjustment Lens, Eyepiece Extender EP-EX15, Angle Finder C
Wireless File Transmitter	Built in Wi-Fi transmission GPS Receiver GP-E2, Wireless remote BR-E1, Remote Controller RC-6, Remote Switch RS-60E3, Timer Remote Controller TC-80N3, Remote Controller Adapter RA-E3 All EF and EF-S lenses
Lenses	
Flash	ST-E2, ST-E3-RT, EL-100, 270EX II, 430EX III RT/ 430 EX III, 470EX-AI, 600EX II-RT, Macro Ring Lite MR-14EX II, Macro Twin Lite MT-26EX-RT
Battery	Battery Park LP-E6N Battery Charger LC-E6 or LC-E6E Car Battery Cable CB-570 Car Battery Charger CBC-E6 Grip: BG-E14 Hand Strap E2 Battery Magazine BGM-E14L / BGM-E14A
Other	
PHYSICAL SPECIFICATIONS	
Body Materials	Aluminum alloy and polycarbonate resin with glass fibre
Operating Environment	0 - 40 ° C, 85% or less humidity
Dimensions (WxHxD)	140.7 x 104.8 x 76.8mm
Weight (body only)	Approx. 701g (CIPA testing standard, including battery and memory card)

All data is based on Canon standard testing methods (according to CIPA Standards)
except where indicated.

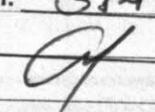
Subject to change without notice.



Canon

Specifications

Type of Camera	
Type	Digital, AF/AE single-lens reflex camera with built-in flash
Recording Media	SD, SDHC and SDXC Memory Cards SD speed class compatibility. UHS speed class compatibility. High-speed writing is supported when a UHS-I or UHS-II-compatible SD card is used. Multimedia cards (MMC) cannot be used (card error will be displayed).
Image Format	Approx. 22.3mm x 14.8 mm (APS-C)
Compatible Lenses	Canon EF Lenses (including EF-S lenses, excluding EF-M lenses)
Lens Mount	Canon EF Mount
Image Sensor	
Type	CMOS Sensor
Effective Pixels	Approx. 32.5 megapixels
Total Pixels	Approx. 34.4 megapixels
Pixel Unit	Approx. 3.2 µm square
Aspect Ratio	3:2 (Horizontal: Vertical)
Color Filter System	RGB primary color filters
Low Pass Filter	Fixed position in front of the image sensor
Dust Removal Feature	(1) Self Cleaning Sensor Unit - Removes dust adhering to the low-pass filter. - Self-cleaning can be done automatically when the power is turned on or off. Manual cleaning also possible. (2) Dust Delete Data acquisition and appending - The coordinates of the dust adhering to the low-pass filter are detected by a test shot and appended to subsequent images. - The dust coordinate data appended to the image is used by the EOS software to automatically erase the dust spots. (3) Manual cleaning
Recording System	
Recording Format	Design Rule for Camera File System 2.0 and EXIF 2.31* * Supports time difference information.
Image Format	Still Image: JPEG, RAW (14 bit Canon Original), C-RAW Video: MP4 (Movie: MPEG4 AVC/H.264*; Audio: AAC Audio: Linear PCM) * Variable (averaged) bit rate

COMISSÃO DE CONTRATAÇÃO
 FI. 314

 P.M. CARIRÉ

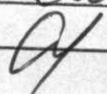
File Size	3:2 Aspect Ratio Large: Approx. 32.3 Megapixels (6960 x 4640) Medium: Approx. 15.4 Megapixels (4800 x 3200) Small 1: Approx. 8.1 Megapixels (3472 x 2320) Small 2: Approx. 3.8 Megapixels (2400 x 1600) RAW / C-RAW: Approx. 32.3 Megapixels (6960 x 4640) 4:3 Aspect Ratio Large: Approx. 28.6 Megapixels (6160 x 4640) Medium: Approx. 13.6 Megapixels (4256 x 3200) Small 1: Approx. 7.1 Megapixels (3072 x 2320) Small 2: Approx. 3.4 Megapixels (2112 x 1600) RAW / C-RAW: Approx. 32.3 Megapixels (6960 x 4640) 16:9 Aspect Ratio Large: Approx. 27.2 Megapixels (6960 x 3904) Medium: Approx. 12.9 Megapixels (4800 x 2688) Small 1: Approx. 6.8 Megapixels (3472 x 1952) Small 2: Approx. 3.2 Megapixels (2400 x 1344) RAW / C-RAW: Approx. 32.3 Megapixels (6960 x 4640) 1:1 Aspect Ratio Large: Approx. 21.5 Megapixels (4640 x 4640) Medium: Approx. 10.2 Megapixels (3200 x 3200) Small 1: Approx. 5.4 Megapixels (2320 x 2320) Small 2: Approx. 2.6 Megapixels (1600 x 1600) RAW / C-RAW: Approx. 32.3 Megapixels (6960 x 4640) Values of Pixels recorded are rounded off to the nearest 100,000th. JPEG images are generated in the aspect ratio that was set. RAW/C-RAW images are generated in [3:2] and the set aspect ratio is appended.
File Numbering	The following three types of file numbers can be set: - Continuous numbering - The numbering of captured images will continue even after you replace the card. - Auto reset - When you replace the card, the numbering will be reset to start from 0001. If the new card already contains images, the numbering will continue from the last recorded image in the card. - Manual reset - Resets the file number to 0001, and creates a new folder automatically.
Color Space	sRGB, Adobe RGB
Picture Style	- Auto - Standard - Portrait - Landscape - Fine Detail - Neutral - Faithful - Monochrome - User Defined 1–3 - In Basic Zone modes, "Auto" is set automatically. - In Creative Zone modes, you can select or set the Picture Style. [Auto] is the default setting for [User Def. 1–3].
White Balance	



Settings	Auto, Daylight, Shade, Cloudy*, Tungsten Light, White Fluorescent Light, Flash, Custom, Color Temperature setting *Effective in twilight and sunset as well.		
Auto White Balance	Option between ambience priority and white priority settings		
Color Temperature Compensation	Blue/amber bias: ±9 levels Magenta/green bias: ±9 levels Corrected in reference to the current WB mode's color temperature.		
Color Temperature Information Transmission	Provided		
Viewfinder			
Type	Eye-level SLR (with fixed pentaprism)		
Coverage	Aspect Ratio	3:2	Approx. 100% vertically/horizontally
		4:3	Approx. 100% vertically Approx. 97% horizontally
		16:9	Approx. 97% vertically Approx. 100% horizontally
		1:1	Approx. 100% vertically Approx. 96% horizontally
Magnification	Approx. 0.95x (with 50mm lens at infinity, -1m ⁻¹) / 28.2° angle of view		
Eye Point	Approx. 22mm (At -1m ⁻¹ from eyepiece lens center)		
Dioptric Adjustment Correction	Adjustable from approx. -3.0 to +1.0 m ⁻¹ (dpt)		
Focusing Screen	Fixed		
Viewfinder Information	Information display on a transparent LCD screen • AF area selection mode • AF point (focusing point) information • Area AF frame • Spot metering circle • Electronic level • Grid display • Aspect line (4:3, 16:9, 1:1) • Flicker detection • Warning symbol You can set whether to display or hide [Electronic level], [Grid display] and [Flicker detection].		
Mirror Lockup	Supported		
Depth Of Field Preview	Provided		
Autofocus			
Type	TTL secondary image-forming phase-difference detection system with AF-dedicated sensor		

COMISSÃO DE CONT

FI. 316



P.M CARIRÉ



AF Points	Up to 45 points (Cross-type AF points: Max. 45) <table><tr><th>AF Point and Focusing Pattern</th><th>Number of AF Points (Max.)</th></tr><tr><td>Dual Cross-type AF Points at f/2.8 and f/5.6</td><td>1</td></tr><tr><td>Cross-type AF Points at f/5.6</td><td>45</td></tr><tr><td>Focusing at f/8</td><td>27 (Cross-type AF point 9)</td></tr></table> The number of AF points, cross-type AF points and dual cross-type AF points vary depending on the lens used. Note that, with aspect ratio of 1:1, the maximum number of AF points becomes 35. (Each left and right end line of AF points in total of ten are not usable.)	AF Point and Focusing Pattern	Number of AF Points (Max.)	Dual Cross-type AF Points at f/2.8 and f/5.6	1	Cross-type AF Points at f/5.6	45	Focusing at f/8	27 (Cross-type AF point 9)							
AF Point and Focusing Pattern	Number of AF Points (Max.)															
Dual Cross-type AF Points at f/2.8 and f/5.6	1															
Cross-type AF Points at f/5.6	45															
Focusing at f/8	27 (Cross-type AF point 9)															
AF Working Range	One-shot AF, room temperature, ISO 100 (Based on Canon's testing standards and environment) <table><tr><th>AF Point</th><th>Brightness</th></tr><tr><td>One center AF point focusing at f/2.8</td><td>EV-3 to 18</td></tr><tr><td>One center AF point focusing at f/5.6</td><td>EV -1 to 18</td></tr><tr><td>Peripheral AF points focusing at f/5.6</td><td>EV -0.5 to 18</td></tr></table>	AF Point	Brightness	One center AF point focusing at f/2.8	EV-3 to 18	One center AF point focusing at f/5.6	EV -1 to 18	Peripheral AF points focusing at f/5.6	EV -0.5 to 18							
AF Point	Brightness															
One center AF point focusing at f/2.8	EV-3 to 18															
One center AF point focusing at f/5.6	EV -1 to 18															
Peripheral AF points focusing at f/5.6	EV -0.5 to 18															
Focusing Mode	1. Autofocus a. One-Shot AF b. AI Servo AF c. AI Focus AF i. Switches between One-Shot AF and AI Servo AF automatically. 2. Manual focus															
Select AF Area Selection Mode	<table><tr><td>Spot AF</td><td>Yes</td><td>-</td></tr><tr><td>1-point AF</td><td>Yes</td><td>Yes</td></tr><tr><td>Zone AF</td><td>Yes</td><td>Yes</td></tr><tr><td>Large Zone AF</td><td>Yes</td><td>Yes</td></tr><tr><td>Automatic selection AF (all AF points)</td><td>Yes</td><td>Yes</td></tr></table>	Spot AF	Yes	-	1-point AF	Yes	Yes	Zone AF	Yes	Yes	Large Zone AF	Yes	Yes	Automatic selection AF (all AF points)	Yes	Yes
Spot AF	Yes	-														
1-point AF	Yes	Yes														
Zone AF	Yes	Yes														
Large Zone AF	Yes	Yes														
Automatic selection AF (all AF points)	Yes	Yes														
Orientation Linked AF Point	Supported															
AF Microadjustment	Supported															
Automatic AF point selection: EOS iTR AF	AF: EOS iTR AF Effective pixels of metering sensor: Approx. 220,000 pixels. <table><tr><td>EOS iTR AF (Face priority)</td><td>Face Information is given priority in tracking.</td></tr><tr><td>EOS iTR AF</td><td>Tracking based on factors including AF information, subject color information, and face information.</td></tr><tr><td>Disable</td><td>Tracking based solely on AF information.</td></tr></table> *Applied when the AF are selection modes are Zone AF, Large Zone AF, or Auto selection AF.	EOS iTR AF (Face priority)	Face Information is given priority in tracking.	EOS iTR AF	Tracking based on factors including AF information, subject color information, and face information.	Disable	Tracking based solely on AF information.									
EOS iTR AF (Face priority)	Face Information is given priority in tracking.															
EOS iTR AF	Tracking based on factors including AF information, subject color information, and face information.															
Disable	Tracking based solely on AF information.															
AF Assist Beam	Intermittent firing of built-in flash Effective range: Center: Approx. 13.1 ft. / 4.0m Periphery: Approx. 13.1 ft. / 4.0m With an EOS-dedicated Speedlite attached, the Speedlite's AF-assist beam is emitted instead.															
Focusing Method	Dual Pixel CMOS AF															

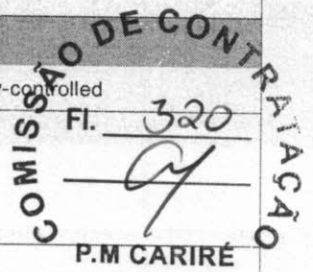


Focusing Operation		Number of AF Points (Max.)	Movie Recording
	AF Operation	• One-Shot AF • Servo AF • AI Focus AF (with Scene Intelligent Auto)¹	• One-Shot AF • Movie Servo AF
	Manual Focus	Supported	Supported
¹ Dual Pixel CMOS Af is supported with all EF and EF-S lenses. ² Contrast AF is not included.			
Exposure Control			
Metering Modes	216-zone (18 x 12) metering with approx. 220,000-pixel RGB+IR metering sensor and TTL full-aperture. 384-zone (24 x 16) metering using image sensor output signals (Live View and Movie Recording). The following metering modes selectable: (1) Evaluative metering (linked to all AF points) (2) Partial metering on the center part of the viewfinder (approx. 6.5% of viewfinder/approx. 4.5% in live view) (3) Spot metering (approx. 2.0% of viewfinder/approx. 2.6% in live view) (4) Center-weighted average metering		
Metering Range	OVF: EV 1–20 (room temperature, ISO 100, with evaluative metering) Live View EV -2–20 Movie Recording: EV 0-20		
Exposure Control Systems	Creative Zone 1. Program AE (Shiftable) 2. Shutter-priority AE 3. Aperture-priority AE 4. Manual exposure 5. Bulb 6. Custom shooting mode C1 or C2 Basic Zone 1. Scene Intelligent Auto (Program AE/non-shiftable) 2. Flash Off 3. Creative Auto 4. Special Scene a. Food b. Kids c. Candlelight d. Night Portrait e. Handheld Night Scene f. HDR Backlight Control g. Portrait h. Landscape i. Close-up j. Sports k. Group Photo l. Panning 5. Creative Filters a. Grainy B/W b. Soft Focus c. Fish-eye Effect d. Toy Camera Effect e. Miniature Effect f. Water Painting Effect g. HDR Art Standard h. HDR Art Vivid i. HDR Art Bold j. HDR Art Embossed		



ISO Speed Range	Manual setting				
	Normal ISO Speeds		ISO 100–25600 (in 1/3-stop)		
	Expanded ISO Speeds		ISO 51200 (equivalent)		
	For [Highlight tone priority], the settable ISO speed range will be ISO 200–25600.				
	Auto setting				
	Shooting Mode		ISO Settings		
			No Flash	With Built-in Flash	With External Flash
	Creative Zone	P, Tv, Av, M	ISO 100–6400	ISO 100*1-25600*2	ISO 100*1-1600*2
		B	ISO 100–12800	ISO 400	
	Basic Zone	Auto	ISO 100–1600	ISO 100-1600	
		Creative Filters	Other than Min. effect: ISO 100-6400 Miniature Effect: ISO 100-1600	Other than Min. effect: ISO 100-3200 Miniature Effect: ISO 100-1600	ISO 100-1600
		Portrait	ISO 100-6400	ISO 100-1600	
		Group Photo	ISO 100-6400	ISO 100-6400	ISO 100-6400
		Landscape	ISO 100-1600	Does not fire	
Sports		ISO 100-6400	Does not fire	ISO 100-1600	
Kids		ISO 100-6400	ISO 100-1600		
Panning & Candlelight		ISO 100-6400	Does not fire		
Close-up & Food		ISO 100-6400	ISO 100-1600		
Night Portrait		ISO 100-800	ISO 400-800*3	ISO 100-800	
Handheld Night Scene		ISO 100-12800*2	ISO 100-6400		
HDR Backlight Control		ISO 100-6400	Does not fire		
*1 ISO 200 when [Highlight tone priority] is set to [Enable] or [Enhanced].					
*2 Varies depending on the maximum of [Auto range].					
*3 Minimum limit may change depending on the lens.					
Anti-Flicker Shooting	Provided				
Exposure Compensation	Manual: ±5 stops in 1/3- or 1/2-stop increments AEB: ±3 stops in 1/3- or 1/2-stop increments * Indicated up to ±3 stops on the LCD panel and in the viewfinder.				
AE Lock	(1) Auto AE lock • In the One-Shot AF mode with evaluative metering, AE lock takes effect when focus is achieved. (2) Manual AE lock • In P, Av, Tv and M mode, enabled with the AE lock button. (Press again to update.) • Enabled in all metering modes.				
Shooting in HDR mode (Still photos)					
Adjust Dynamic Range	(1) Disable HDR (2) Auto (3) ±1 - ±3				
Effect	(1) Natural (2) HDR art standard (3) HDR art vivid (4) Art bold (5) HDR art embossed				
Continuous HDR	(1) 1 Shot only (2) Every shot				

Auto Image Align	Supported
Shutter	
Type	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically-controlled
Shutter Speeds	Creative Zone: 1/16000 to 30 sec., Bulb (Total shutter speed range) * 1/16000 is only when electric shutter mode is selected. Basic Zone: 1/8000-1sec X-sync at 1/250 sec.
Shutter Release	Soft-touch electromagnetic release
Self Timer	10-sec. Delay, 2-sec. Delay, Continuous
Timer Shooting	
Bulb Timer	Bulb exposure time settable. Exposure time 1 sec.-99 hr. 59 min. 59 sec.
Interval Timer	Interval 1 sec.-99 hr. 59 min. 59 sec. No. of shots Unlimited, or 1-99
Built-in Flash	
Type	Retractable flash in the pentaprism housing
Retraction Method	Manual pop-up
Guide Number	Approx. 39.4 ft./12m (at ISO 100)
Flash Coverage	Up to approx. 17mm focal length (35mm equivalent: approx. 28mm)
Flash Exposure Compensation	Up to ± 3 stops in 1/3- or 1/2-stop increments Flash exposure compensation for built-in flash and external Speedlite can be set with the camera.
External Flash Settings	- External flash control - Flash firing - E-TTL II Flash metering - Flash mode - Radio transmission wireless functions - Optical transmission wireless functions - Zoom - Sync setting - Flash exposure compensation - FEB - Clear settings - External flash Custom Function setting
Multiple Exposure Shooting	
Multiple-exposure shooting	Disable / Enable
Multiple-exposure Control	Additive Average (Bright and Dark are not supported).
No. of Exposures	2-9
Continue Multiple Exposures	1 Shot Only Continuously
Saving Source Images	Save result only
Drive System	



Drive Mode

1. Single shooting
2. High and Low-speed continuous shooting
3. Continuous shooting (panning)
4. Silent single and continuous shooting
5. Continuous: self-timer
6. 10-sec. Self-timer/remote control
7. 2-sec. Self-timer/remote control

Focus Bracketing

Available

Drive Mode and Continuous Shooting Speed:

Drive Mode		Viewfinder shooting	Live View Shooting
Single Shooting		Yes	Yes
High-speed continuous shooting **	One-Shot AF	Max. approx 10 shots/sec.	Max. approx 11 shots/sec.
	One-Shot AF (with flash)	Yes	Yes
	AI Servo AF / Servo AF	Max. approx 10 shots/sec.	Max. approx 7 shots/sec.*2
	Manual	Max. approx 10 shots/sec.	Max. approx 11 shots/sec.
Low-speed continuous shooting	One-Shot AF (no flash)	Max. approx 3 shots/sec.	Max. approx 3 shots/sec.
	One-Shot AF (with flash)	Yes	Yes
	AI Servo AF / Servo AF	Max. approx 3 shots/sec.	Max. approx 3 shots/sec.
Continuous Shooting*3		Panning	Max. approx. 5.7 shots/sec.
Silent single shooting		Yes	
Silent continuous shooting		Max. approx. 3 shots/sec.	
Self-timer: 10 sec / remote control		Yes (BR-E1: Supported / RC-6: Supported)	
Self-timer: 2 sec / remote control		Yes	Yes
Self-timer: Continuous		Yes (2-10 shots)	Yes (2-10 shots)

*1 Maximum continuous shooting speed with flicker reduction may drop to approx. 7 shots/sec.

*2 Values are for electronic first-curtain shooting. (Slower for mechanical shutter.)

*3 With shutter speed 1/125 sec. (For Panning, shutter speed is set automatically)

Continuous Shooting Speed

Image File Size/Number of Possible Shots/Maximum Burst During Continuous Shooting:

Image Recording Quality	File Size (Approx. MB)	Number of Possible Shots (Approx.)*1	Maximum Burst (Approx.)	
			Standard*1	High-speed (UHS-II)
Large/Fine	11.1	2720	57	58
Large/Normal	5.6	5380	57	58
Medium 1/Fine	5.8	5190	55	55
Medium 1/Normal	3.0	9860	57	56
Small 1/Fine	3.6	8390	57	57
Small 1/Normal	2.0	14600	57	57
Small 2	1.6	18390	57	57
RAW	35.6	850	24	25
C-RAW	20.4	1490	39	39
RAW + Large/Fine	35.6 + 11.1	650	23	24
C-RAW + Large/Fine	20.4 + 11.1	960	37	36

*1 The number of possible shots and maximum burst apply to a UHS-I compliant 32GB card based on Canon's test standards.

*2 The number of possible shots and maximum burst applies to a UHS-II compliant 32GB card based on Canon's test standards.

The file size, number of possible shots and maximum burst will vary depending on shooting conditions (aspect ratio, subject, memory card brand, ISO speed, Picture Style, etc.).

Live View Functions



Shooting Modes	Still photo and video recording
Focusing	- Dual Pixel CMOS AF - Dual Pixel CMOS AF is possible with all EF and EF-S lenses. - Contrast AF is not provided. - Manual focus - Magnify the image by 5x or 10x and focus manually. * AE lock possible. The active metering timer can be changed.
Metering Modes	- Evaluative metering (216-zone) - Partial metering (approx. 6.5% of Live View screen) - Spot metering (approx. 2.0% of Live View screen) - Center-weighted average metering
Metering Range	EV 0–20 (room temperature, ISO 100, with evaluative metering)
Grid Display	3x3 6x4 3x3+diag
Exposure Simulation	Possible
Silent Shooting	Provided (Mode 1 and Mode 2)
Image Processing After Shooting	
In-camera RAW Image Processing	Brightness adjustment (up to ± 1 stops in 1/3-stop increments), white balance: auto white balance provides [Ambience priority] and [White priority] settings, picture style: [Fine detail] is available, for sharpness [Fineness] and [Threshold] are available. Auto lighting optimizer: supported high ISO speed NR: supported, image quality and color space: supported. Lens aberration correction: peripheral illum correction, chromatic aberration correction, diffraction correction, distortion correction, digital lens optimizer.
Video Shooting	



File Format	MP4: Movie: MPEG-4 AVC/H.264 * Variable (average) bit rate Audio: AAC																				
4K Movie Recording	Cropped and Uncropped																				
Time-lapse Movie	Supported																				
Video Snapshots	Supported																				
Creative Filters (Movie)	<table><tr><th>Resolution</th><th>Frame Rate (fps)</th><th>Compression Method</th><th>Recording Format</th><th>Audio</th></tr><tr><td>Full HD (1920 x 1080)</td><td>29.97, 23.98 fps</td><td>IPB (Standard) IPB (Light)</td><td>MP4</td><td>AAC</td></tr></table> *Magnified view is not available in Live View shooting. *Creative filters are not available when the movie recording size is set to a size incompatible with creative filters.					Resolution	Frame Rate (fps)	Compression Method	Recording Format	Audio	Full HD (1920 x 1080)	29.97, 23.98 fps	IPB (Standard) IPB (Light)	MP4	AAC						
Resolution	Frame Rate (fps)	Compression Method	Recording Format	Audio																	
Full HD (1920 x 1080)	29.97, 23.98 fps	IPB (Standard) IPB (Light)	MP4	AAC																	
HDR Movie	Supported *EOS 90D Camera alternately captures underexposed and standard exposure frames to record a single frame that combines them so that even high-contrast scenes can be recorded with less loss of detail in highlights. (Does not compensate for loss of detail in shadows). *HDR movie is available in Special scene modes. <table><tr><th>Resolution</th><th>Frame Rate (fps)</th><th>Compression Method</th><th>Recording Format</th><th>Audio</th></tr><tr><td>Full HD (1920 x 1080)</td><td>29.97</td><td>IPB (Standard)</td><td>MP4</td><td>AAC</td></tr></table>					Resolution	Frame Rate (fps)	Compression Method	Recording Format	Audio	Full HD (1920 x 1080)	29.97	IPB (Standard)	MP4	AAC						
Resolution	Frame Rate (fps)	Compression Method	Recording Format	Audio																	
Full HD (1920 x 1080)	29.97	IPB (Standard)	MP4	AAC																	
High Frame Rate Movies	<table><tr><th></th><th>Full HD/HD</th><th>Frame Rate (fps)</th></tr><tr><td>During Recording*</td><td>Full HD (1920 x 1080)</td><td>119.88</td></tr><tr><td>During Playback</td><td>Full HD (1920 x 1080)</td><td>29.97</td></tr><tr><td>During HDMI Output</td><td>Full HD (1920 x 1080)</td><td>59.94</td></tr></table> * Movie recording is interrupted if the maximum recording time per movie, 7 min. 29 sec., is exceeded. Note that Movie Servo AF, audio recording, and Movie digital IS are not available during recording.						Full HD/HD	Frame Rate (fps)	During Recording*	Full HD (1920 x 1080)	119.88	During Playback	Full HD (1920 x 1080)	29.97	During HDMI Output	Full HD (1920 x 1080)	59.94				
	Full HD/HD	Frame Rate (fps)																			
During Recording*	Full HD (1920 x 1080)	119.88																			
During Playback	Full HD (1920 x 1080)	29.97																			
During HDMI Output	Full HD (1920 x 1080)	59.94																			
Movie Digital IS	<table><tr><th>Movie Digital IS setting</th><th>Full HD/HD</th><th>Without 4K Cropping</th><th>With 4K Cropping</th></tr><tr><td>Disable</td><td>Approx. 100%</td><td>Approx. 100%</td><td>Approx. 84%</td></tr><tr><td>Enable</td><td>Approx. 90%</td><td>Approx. 90%</td><td>Approx. 75%</td></tr><tr><td>Enhanced</td><td>Approx. 70%</td><td>Approx. 70%</td><td>Approx. 58%</td></tr></table>					Movie Digital IS setting	Full HD/HD	Without 4K Cropping	With 4K Cropping	Disable	Approx. 100%	Approx. 100%	Approx. 84%	Enable	Approx. 90%	Approx. 90%	Approx. 75%	Enhanced	Approx. 70%	Approx. 70%	Approx. 58%
Movie Digital IS setting	Full HD/HD	Without 4K Cropping	With 4K Cropping																		
Disable	Approx. 100%	Approx. 100%	Approx. 84%																		
Enable	Approx. 90%	Approx. 90%	Approx. 75%																		
Enhanced	Approx. 70%	Approx. 70%	Approx. 58%																		
HDMI Output	<table><tr><th>HDMI Resolution</th><td>Auto / 1080p</td></tr><tr><th>HDMI output for movie footage</th><td>Supported (HDMI information display)</td></tr><tr><th>Color sampling method</th><td>Uncompressed YCbCr 4:2:2, 8-bit,</td></tr><tr><th>Color space</th><td>BT.709</td></tr></table> • Content in the output format set on the camera is displayed on the device connected via HDMI. • The content that can be displayed varies depending on the specifications of the monitor connected via HDMI. Thus, display matching camera settings may not be supported.					HDMI Resolution	Auto / 1080p	HDMI output for movie footage	Supported (HDMI information display)	Color sampling method	Uncompressed YCbCr 4:2:2, 8-bit,	Color space	BT.709								
HDMI Resolution	Auto / 1080p																				
HDMI output for movie footage	Supported (HDMI information display)																				
Color sampling method	Uncompressed YCbCr 4:2:2, 8-bit,																				
Color space	BT.709																				

File Size

MP4:

4K (3480 x 2160)	29.97 fps	IPB
1920 x 1080	59.94 fps	IPB
	29.97 fps	IPB (Light)
1280 x 720	59.94 fps	IPB
	29.97 fps	IPB (Light)





MP4:

1920 x 1080 (Full HD): 60 fps (59.94 fps) / 30 fps (29.97 fps)

1280 x 720 (HD): 60 fps (59.94 fps) / 30 fps (29.97 fps)

Continuous Shooting Time

MP4 Format

Movie-recording Size			Total Recording Time per Card (Approx.)			Movie Bit Rate / File Size
			8GB	32GB	128GB	
4K (UHD) 3840 x 2160	Uncropped 29.97 fps, 23.98 fps	IPB	8 min.	35 min.	2 hr. 21 min.	120 Mbps 860MB
	Cropped 29.97 fps, 23.98 fps	IPB	8 min.	35 min.	2 hr. 21 min.	120 Mbps 860 MB
Full HD 1920 x 1080	High Frame Rate movies 119.88 fps	IPB	8 min.	35 min.	2 hr. 22 min.	120 Mbps 858MB
	59.94 fps	IPB	17 min.	1 hr. 10 min.	4 hr. 43min.	60 Mbps 431MB
	29.97 fps 23.98 fps	IPB	35 min.	2 hr. 20 min.	9 hr. 23 min.	30 Mbps 216MB
	29.97 fps	IPB (Light)	1 hr. 26 min.	5 hr. 47 min.	23 hr. 11 min.	12 Mbps 87MB
HD 1280 x 720	59.94 fps	IPB	40 min.	2 hr. 42 min.	10 hr. 49 min.	26 Mbps 187MB
HDR Movie Shooting (1920 x 1080)	29.97 fps	IPB	35 min.	2 hr. 20 min.	9 hr. 23 min.	30 Mbps 216MB

* Bit rate indicates video output only, audio is not included.

* With MP4, if the recording time reaches 29 min. 59 sec., the movie shooting stops automatically. (Time is different for High Frame Rate movies.)

* Sound is not recorded for approx. the last two frames when the compression method for movie recording quality is IPB or IPB (Light) (audio: AAC) and [C.Fn III-5 Audio compression] is set to [Enable].

* The video and sound may be slightly out of sync when movies are played back in Windows.

Frame Rates

Focusing (Live View Mode)

1. Dual Pixel CMOS AF

* Contrast AF is not possible.

2. Manual focus

* Magnify the image by 5x or 10x and focus manually. (You cannot magnify the image during movie shooting.)

Exposure Compensation

±3 stops in 1/3- or 1/2-stop increments

* Likewise ±3 stops for still photo shooting.

LCD Monitor	
Type	TFT color, liquid-crystal monitor
Touch Screen	Supported
Monitor Size	Wide 3.0-inch (Screen aspect ratio of 3:2) Approx. 3.0 in. Diagonal (approx. 2.5 in. wide, approx. 1.7 in. high)
Pixels	Approx. 1.04 million dots
Coverage	Approx. 100% Viewing angle: Approx. 170° vertically and horizontally
Brightness Control	Adjustable to one of seven levels
Coating	Anti-smudge coating
Interface Languages	29 (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Ukraine, Turkish, Arabic, Thai, Simplified/Traditional Chinese, Korean, Malay, Indonesian, and Japanese)
Tilt Display	
On LCD Monitor	Single image display: • No information • Basic information • Detailed shooting information display - Basic shooting information - Lens information and RGB histogram - White balance - Picture Style 1, 2 - Color space and noise reduction - Lens aberration correction - GPS information - Record of sent images Index display: • 4-image index • 9-image index • 36-image index • 100-image index
Playback	
Highlight Alert	With single image display, overexposed highlight areas will blink.
Histogram	Brightness and RGB
Rating	OFF / ★ to ★★★★★ Select images / Select image / All images in folder / All images on card / All found images
Image Search	Search Conditions Rating / Date / Folder / Protect / Type of file
Slide Show	• Display time 1-20 sec. • Repeat: Enable / Disable • Transition effect: Off / Slide in 1-2 / Fade 1-3 • Background music: Off / On
Quick Control Function	
Shortcut	Pressing the Quick Control button during Viewfinder shooting, Live View shooting, movie shooting or playback displays the Quick Control screen.
Image Protection and Erase	



Protection	Erase protection can be applied or canceled for a single image, all images in a folder or all images in the card.
Erase	Erase a single image, selected images, all images in a folder or all images in a card.
Direct Printing	
Compatible Printers	PictBridge-compatible printers (wireless LAN)
Printable Images	JPEG images compliant to Design rule for Camera File System. RAW images captured Movies cannot be printed.
DPOF: Digital Print Order Format	
DPOF	Compliant to DPOF Version 1.1
Direct Image Transfer	
Compatible Images	Not provided
Customization	
Custom Functions	29 Custom Functions are settable.
Custom Controls	Functions can be assigned to the following buttons: • Shutter button halfway pressing • AF-ON button • AE lock button • Depth-of-field preview button • Lens AF stop button • SET button • Main Dial • Quick Control Dial • Multi controller 1 and 2 (Same functions can be set.)
Multi Function Lock	The following controls can be locked: • Main dial • Quick control dial • Multi-controller 1 and 2 • Touch control
My Menu Registration	Up to six top-tier menu options and Custom Function settings can be registered. Up to five My Menu tabs can be added.
Interface	
USB Terminal	Hi-Speed USB (USB 2.0) • For PC communication • For GP-E2 connection • For Connect Station connection
Terminal Type	Micro-B
Video Out Terminal	HDMI Type C (Resolution switches automatically), CEC not supported. • Video is not displayed unless the video format appropriate for the connected TV set, [NTSC] or [PAL], is set.
Power Source	



Battery Pack LP-E6N (or LP-E6) x 1

- When the battery grip is used, two battery packs (LP-E6N or LP-E6) can be installed.
Also usable with six AA/R6 batteries.

Number of Shots

Mode	Shooting Method	Battery	Temperature	Possible Shots (approx.)	
				AE Shooting	With Flash (50%)
Camera Body Only	Viewfinder Shooting	LP-E6N	At 73°F/23°C	1860	1300
			At 32°F/0°C	1850	1200
	Live View Shooting	LP-E6N	At 73°F/23°C	510	450
			At 32°F/0°C	500	440
With Battery Grip	Viewfinder Shooting	LP-E6N x2	At 73°F/23°C	3710	2590
			At 32°F/0°C	3690	2390
		AA/R6 Alkaline Batteries	At 73°F/23°C	210	200
			At 32°F/0°C	40	30
		AA/R6 Ni-MH Batteries	At 73°F/23°C	1860	1230
			At 32°F/0°C	1840	1220
	Live View Shooting	LP-E6N x2	At 73°F/23°C	1010	890
			At 32°F/0°C	990	870
		AA/R6 Alkaline Batteries	At 73°F/23°C	50	50
			At 32°F/0°C	10	10
		AA/R6 Ni-MH Batteries	At 73°F/23°C	490	420
			At 32°F/0°C	430	390

Battery

Battery Check

- Automatic battery check when the power switch is turned ON. Displayed in 6 levels.
- Battery level displayed on LCD panel and in viewfinder.
 - Displayed in four levels with the battery grip with AA/R6 batteries.

Power Saving

- Power turns off after the set time (10/30*sec., or 30 sec., 1, 2, 4, 8, or 15min.) of non-operation elapses.
- *Set to 10 sec. normally and 30 sec. when setting functions, in Live View shooting and during image playback.

Date/Time Battery

- Built-in secondary battery
Maintains date/time for about 3 months when fully charged
- Recharge time: approx. 8 hr.
To become capable to maintain the right date/time for one month after main battery power depletion.

Start-up Time

- Approx. 0.2 sec. (Based on CIPA testing standards)
- Excluding the recognition time for genuineness (genuine Canon battery) at the installation of the battery.

Dimensions and Weight

Dimensions (W x H x D)

Approx. 5.54 x 4.13 x 3.03 in. / 140.7 x 104.8 x 76.8mm

Weight

Approx. 24.73 oz. / 701g (Based on CIPA guidelines)
Approx. 21.83 oz. / 619g (Body only; excluding the battery, card, body cap and eye cup)

Operating Environment

Working Temperature Range

32–104°F/0–40°C

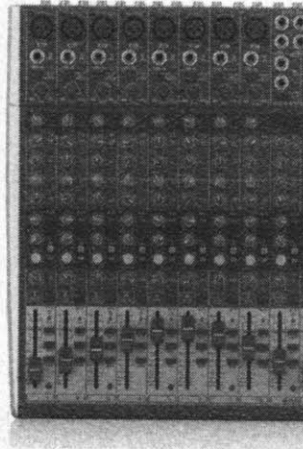
Working Humidity Range

85% or less


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Premium 22-Input 2/2-Bus Mixer with XENYX Mic Preamps and Compressors, British EQ, 24-Bit Multi-FX Processor and USB/Audio Interface

Product Features

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XENYX X2222USB

The feature-packed XENYX X2222USB mixer allows you to effortlessly achieve premium-quality sound thanks to 8 onboard studio-grade XENYX Mic Preamps, and our ultra-musical "British" channel EQs – with a semi-parametric mid band for the ultimate in sound sculpting. And our easy-to-use "one-knob" compressors provide total dynamic control for the ultimate in punch and clarity, while respecting all the power and emotion you pack into every note. Add to this our 24-bit, dual-engine Multi-FX processor with 16 editable, professional-grade presets including reverb, chorus, flanger, delay, pitch shifter and multi-effects – and the X2222USB becomes an incredibly versatile mixer for your live performances.

But the XENYX X2222USB wasn't just designed to handle your live gigs; it also provides the state-of-the-art tools you need to make stunning, professional-quality recordings. Along with their built-in USB/audio interfaces, the XENYX X2222USB comes with all the recording and editing software needed to turn your computer system into a complete, high-performance home recording studio.

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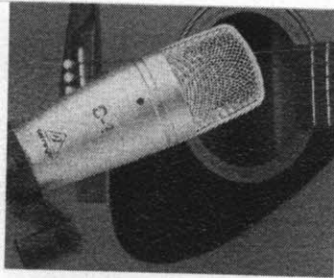

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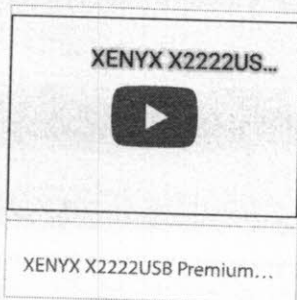

behringer


All XENYX mixers have one thing in common – great-sounding, high headroom XENYX mic preamps. These state-of-the-art mic pres represent a major step in the evolution of audio technology – and they can easily hold their own, even when compared to the most expensive stand-alone mic preamps. XENYX preamps offer a staggering 130 dB of dynamic range, with a bandwidth that extends from below 10 Hz to well above 200 kHz. Armed with these outstanding mic preamps, XENYX mixers provide such transparent, crystal-clear performance you just might think someone upgraded your mics while you weren't looking.


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4.7/5.0
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 by Teodor
January 20, 2022

Perfect product

Super cool no problem perfect function

 by Jazzreloaded
August 22, 2021

Inclined to agree with Ricardo

Linux actually recommends this mixer, which is curious, because on my Ubuntu it worked once as an audio interface, and then never again. I will buy Behringer again (probably) , but now I have to give it a second thought...a shame

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*Warranty details can be found at musictribe.com.

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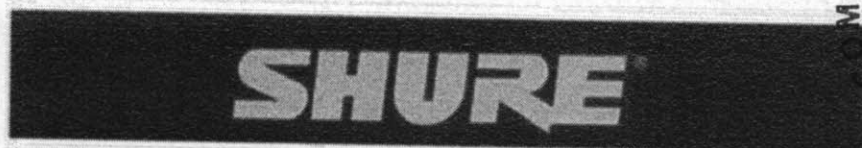
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Microfone Shure profissional GLXD4 UHF sem fio duplo cardióide - tubo de metal



Informações do Produto

Microfone Shure profissional GLXD4 UHF sem fio duplo cardióide - tubo de metal

- Marca: Shure; - Modelo: GLXD4; - Tubo de metal; - Comprimento do cabo: 1m; - Com alto-falantes embutidos: não; - Frequência mínima - máxima: 600Hz - 699Hz; - Formatos de microfone: bastão; - Padrões polares: cardióide; - Quantidade de microfones: 2; - Tipos de conexões: P10 e XLR; - Com Bluetooth: não. Microfone sem fio com 2 bastões GLXD4 B87; Frequência: 600-699mhz; Sistema sem fio profissional handheld duplo de frequência ultraelevada. Receptor sem fio de canal duplo oferece design de ponta e qualidade de construção sólida, juntamente com instalação e operação simples. A tecnologia de ponta de um toque quickscan localiza rapidamente a melhor frequência aberta, fazendo a seleção rápida e fácil da frequência. O transmissor handheld duplo sem fio entrega a instalação e a operação simples, devido

a sua cápsula integrada do mic. O peso leve, áspero dá-lhe os botões de eleição do grupo e do canal para a correspondência rápida, fácil da frequência, enquanto as saídas de XLR e de 1/4" lhe dão opções da conectividade. Se você executar, misturar ou gerenciar, sistemas sem fio são a maneira mais acessível de sem fio. Obtenha som e desempenho lendários. Rock com confiança com receptor sem fio de canal duplo. Características do sistema: até 300 cápsula de raio de transmissão, rápida e fácil frequência que combina a cápsula integrada 10db do microfone da atenuação do ganho de pouco peso, construção áspera XLR e 1/4" conectores de saída.

Alcance	Até 300m
Comprimento do Fio	1m
Conexões	P10 e XLR
Frequência	600-699mhz
Marca	<u>Shure</u>
Modelo	GLXD4
Padrão Polar	Cardióide
Resposta de Frequência	600Hz - 699Hz
Tipo	Sem Fio
Tipo de Microfone	Sem fio

