



Technical Specifications of a Digital Audio Recorder	
Recording Media	SD card (64MB to 2GB), SDHC card (4GB to 32GB), SDXC card (up to 128GB)
File System	FAT16/32, exFAT
Recording File Format	<ul style="list-style-type: none"> WAV / BWF Sampling Frequency - 44.1k / 48k / 96k Hz Bit-depth - 16 / 24-bit MP3 Sampling Frequency 44.1k / 48k Hz Recording Bit-rate 32k / 64k / 96k / 128k / 192k / 256k / 320k bps Playback Bit-rate 32k to 320k bps, VBR, ID3TAG Ver. 2.4
Number of Channels	4-channel (2 Stereo)
Playback speed control	0.5 to 2.0 times (in 0.1 increments) * 44.1k/48kHz only
Built-in Microphone	Unidirectional, Stereo (switchable between A-B and X-Y positions)
EXT MIC/LINE IN	<ul style="list-style-type: none"> Connector XLR/TRS Combo jack (1: GND, 2: HOT, 3: COLD) Nominal Input Level -19dBV (MIC) / +4dBu (LINE) Maximum Input Level -3dBV (MIC) / +20dBu (LINE) Input Impedance 2.2kΩ (MIC) / 10kΩ (LINE)
PHONES/LINE OUT	<ul style="list-style-type: none"> Connector 1/8" (3.5mm) Stereo Mini jack (Unbalanced) for LINE connection Nominal Output Level -14dBV (10kΩ load) Maximum Output Level +2dBV (10kΩ load) Output Impedance 12Ω for Headphones connection Maximum Output Power 20mW + 20mW (32Ω load)
USB	<ul style="list-style-type: none"> Connector USB Micro B-type Format USB2.0 HIGH SPEED



Built-in Speaker	0.3W, Mono
Low-cut Filter	40 / 80 / 120Hz
Chromatic Tuner	C1 to B6, A4 = 435Hz to 445Hz (in 1Hz increments)
Effector	6 presets (Hall 1, Hall 2, Room, Studio, Plate 1, Plate 2)
Tripod attachment screw-hole	1/4" Tripod attachment screw-hole
Power	3 AA Batteries, USB bus power, AC 100 to 240V (optional AC Adapter)
Power Consumption	2.5 W (Max)
Battery Operation Time (Recording)	<ul style="list-style-type: none"> Alkaline (EVOLTA) approx. 18 hours (2ch WAV, 44.1kHz, 16-bit, using Built-in Microphone, JEITA) Ni-MH (eneloop) approx. 16 hours (2ch WAV, 44.1kHz, 16-bit, using Built-in Microphone, JEITA)
Dimensions (W×H×D)	2.75" × 6.1" × 1.37" / 70 × 155 × 35 mm
Weight	8.3 oz. / 213 g
Audio Performance	<p><u>Frequency Response</u></p> <ul style="list-style-type: none"> Fs 44.1kHz 20Hz to 20kHz, +0/-1 dB (EXT IN to LINE OUT, JEITA) Fs 48kHz 20Hz to 22kHz, +0/-1 dB (EXT IN to LINE OUT, JEITA) Fs 96kHz 20Hz to 40kHz, +0/-1 dB (EXT IN to LINE OUT, JEITA)
Total Harmonic Distortion	0.01% or less (Fs 44.1k/48k/96kHz, EXT IN to LINE OUT, JEITA)
Signal-to-Noise Ratio	94 dB or higher (Fs 44.1k/48k/96kHz, EXT IN to LINE OUT, JEITA)
Supported OS	<ul style="list-style-type: none"> Windows 7 or later macOS Sierra(10.12) or later iOS 11 or later, iPadOS 14



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Recording Media	SD card (64MB to 2GB), SDHC card (4GB to 32GB), SDXC card (up to 128GB)
Inputs	<ul style="list-style-type: none"> XYH-6 X/Y MIC Mic type: Unidirectional Sensitivity: -41 dB, 1 kHz at 1 Pa Input gain: -∞ to 46.5 dB Max sound pressure input: 136 dB SPL XYH-6 MIC/LINE IN Connector: 1/8" stereo mini jack Input level: -∞ to 46.5 dB Input impedance: 2 k Ω Plug-in power: 2.5V supported MSH-6 MS MIC Mic types: Unidirectional and bi-directional Sensitivity: -37 dB, 1 kHz at 1 Pa (unidirectional) -39 dB, 1 kHz at 1 Pa (bi-directional) Input gain: -∞ to 42.5 dB Max sound pressure input: 120 dB SPL (unidirectional) 122 dB SPL (bi-directional) INPUTS 1 TO 4 Connectors: XLR / TRS combo jacks (XLR: Pin 2 hot / TRS: Tip hot) Input gain: (PAD OFF) -∞ to 55.5 dB Input gain: (PAD ON) -∞ to 35.5 dB Input impedance: 1.8kΩ or more Max input level: +22 dBu (PAD ON) Phantom power: +12V /+24V /+48V (Phantom power can be turned on/off independently for Inputs 1 - 4) Equivalent Input Noise (EIN): -120 dBu or less
OUTPUTS	<ul style="list-style-type: none"> LINE OUT Jack type: 1/8" stereo mini jack Rated Output Level: -10 dBu when output load impedance is 10k Ω or more PHONE OUT Jack type: 1/8" stereo mini jack Output Level: 20 mW +20 mW into 32 Ω load BUILT-IN SPEAKER 400mw 8 Ω mono speaker



<p>RECORDING FORMATS</p>	<ul style="list-style-type: none"> • WAV Sampling frequency: 44.1/48/96 kHz Bit rate: 16/24 (Mono/Stereo, BWF-compliant) Maximum simultaneous recording tracks: 8 (L/R + INPUT 1 to 4 + L/R backup) (Backup recording: -12dB lower than set L/R input gain) • MP3 Sampling frequency: 44.1kHz Bit Rate: 48/56/64/80/96/112/128/160/192/224/256/320kbps Maximum simultaneous recording tracks: 2
<p>DISPLAY</p>	<p>LCD SCREEN: 2.0-inch full color LCD (320 x 240 pixels)</p>
<p>USB</p>	<ul style="list-style-type: none"> • MASS STORAGE CLASS OPERATION Class: USB2.0 High Speed • AUDIO INTERFACE OPERATION: MULTI-TRACK MODE Class: USB2.0 High Speed Inputs / Outputs: 6 / 2 Sampling frequency: 44.1/48kHz/96kHz Bit rate: 16/24 bit USB bus powered operation possible
<p>POWER REQUIREMENTS</p>	<ul style="list-style-type: none"> • AA size (LR6) battery x 4 • Alkaline or NiMH type • AC adapter: AD-17 (DC5V/1A/USB-type) (optional) • USB bus power
<p>BATTERY LIFE</p>	<ul style="list-style-type: none"> • Battery life (with alkaline battery, continuous recording) Over 20 hours
<p>DIMENSIONS AND WEIGHT</p>	<ul style="list-style-type: none"> • H6: 77.8mm (W) x 152.8mm (D) x 47.8mm (H), 280g • XYH-6: 78.9mm (W) x 60.2mm (D) x 45.2mm (H), 130g • MSH-6: 58.0mm (W) x 67.6mm (D) x 42.1mm (H), 85g



Technical Specifications of a Video Light Kit

Adjustable Light Stand	<ul style="list-style-type: none">• 79" Adjustable Light Stand• Adjustable from 27"/70cm-79"/200cm• Bearing a maximum weight: 6 kg
Led Video Panel Light	<ul style="list-style-type: none">• Color Temperature: 3200/5500K• Work Voltage: 7.4V• Static Power Consumption: ≤100uA• Power: 11W• Lumens: 950LM• Beam Angle: 60°• LED Qty: 160pcs• Dimmable LED light with 8 levels brightness• Equipped with a hot shoe mount and 1/4-inch thread
Filters	<ul style="list-style-type: none">• Transparent Filter• Orange Filter
Rechargeable Battery	<ul style="list-style-type: none">• Battery fully charges in less than 6 hours• Last up to 1.76 hours at maximum brightness• Suitable for indoor or outdoor use• Battery charger
Mount	Hot Shoe Mount Adapter Head which is adjustable to 180 degree and 360 degree



Technical Specifications of a Flash Light Kit

Guide Number	197' / 60.05 m at ISO 100 (200 mm Position)
Coverage	<ul style="list-style-type: none"> • Full-Frame • 20 to 200 mm • 14 mm (with Wide-Angle Adapter)
Angle of Coverage	<ul style="list-style-type: none"> • 12 to 94° • 114° (with Wide-Angle Adapter)
Auto Zoom Head	Yes
Bounce Head	-7 to +90°
Swivel Head	360°
Flash Duration	1/430 to 1/550 Second at Full Power
Recycle Time	Approx. 0.1 to 5.5 Seconds
Secondary Illumination	None
Exposure Control	Canon E-TTL / E-TTL II, Manual
Flash Modes	Hi-Speed Sync, Second-Curtain Sync
Power Range	1/1 to 1/128
Flash Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)
Wireless Operation	<ul style="list-style-type: none"> • Radio (TTL/Manual) Up to 98.43' / 30 m • Optical Pulse (TTL/Manual) Up to 49.21' / 15 m
Wireless Channels	4
Internal Power	4 x AA (Alkaline, Lithium, NiMH)



External Power Pack Compatible	<ul style="list-style-type: none">• Yes• A 4-Pack of Rechargeable Double AA Batteries
Mount	Shoe
Off-Camera Terminal	PC, Proprietary
Dimensions (W x H x D)	3.1 x 5.6 x 4.9" / 80 x 143 x 125 mm
Weight	15 oz / 425.25 g (without Batteries)
Accessories	<ul style="list-style-type: none">• Monopod• Wireless Shutter Release Remote• Battery case• Case for Flash• Cleaning Pen & Blower• SCF-E3 Color Filter• SBA-E3 Bounce Adapter

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Ministry of Environment

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Technical Specifications of a Tripod

Weight	3lbs
Extend	Extends from 25 inches to 60 inches when center post is fully extended
Features	<ul style="list-style-type: none">• Two built-in bubble view levels• 3-way head to allow for tilt and swivel motion; portrait or landscape options• Quick-release mounting plate
Maximum Load	6.6 lbs (3kg)
Compatibility	Compatible with video cameras, digital cameras, still cameras, GoPro devices, smartphone adapters, and scopes
Accessories	<ul style="list-style-type: none">• Carrying case

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Technical Specifications of a Dynamic Headphone	
Transducer type	Dynamic
Operating principle	Closed
Nominal frequency response	5 - 35,000 Hz
Nominal impedance	80 Ω
Nominal SPL	96 dB SPL
Nominal T.H.D	< 0.2%
Power handling capacity	100 mW
Sound coupling to ear	Circumaural
Ambient noise isolation	approx. 18 dBA
Nominal headband pressure	approx. 3.5 N
Weight (without cable)	270 g
Length and type of cable	3 m / straight cable
Connection	<ul style="list-style-type: none"> • Gold plated stereo jack plug (3.5 mm) • 1/4" adapter (6.35 mm)
Features	<ul style="list-style-type: none"> • Closed diffuse field studio headphone • Innovative bass reflex system • Robust spring steel headband • Single sided cable • Soft inner headband • Gold plated jack plug (3.5 mm) and adapter (6.35 mm)

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Technical Specifications of a Studio Mic	
Microphone Type	Condenser
Mono/Stereo	Mono
Polar Pattern	Cardioid
Diaphragm Size	0.66" (16.93mm)
Frequency Response	20Hz-20kHz
Max SPL	130dB, 150dB w/Pad
Output Impedance	200 ohms
Sensitivity	24 mV/Pa
Signal to Noise Ratio	75dB (A weighted)
Self Noise	19dB (A weighted)
Low Cut Filter	300Hz (-6dB/octave)
Pads	-20dB
Color	Black
Connector	XLR
Dimensions	<ul style="list-style-type: none">• 6.49" x 2.12"• Weight: 1 lbs
Included Accessories	Stand Adapter
Manufacturer Part Number	3101H00400

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Technical Specifications of a Desk Mic Stand

Stand Type	Desktop Mic Stand
Base Type	6" Round
Weighted Base	Yes
Height	9" to 13"
Tube Materials	Steel



Technical Specifications of a USB Audio Interface	
Computer Connectivity	USB 2.0
Form Factor	Desktop
Simultaneous I/O	2 x 2
Number of Preamps	1 x mic, 1 x instrument
Phantom Power	Yes
A/D Resolution	Up to 24-bit/192kHz
Analog Inputs	1 x XLR (mic), 1 x 1/4" (Hi-Z)
Analog Outputs	2 x 1/4" TRS
Headphones	1 x 1/4"
USB	1 x Type USB-C
Software	Ableton Live Lite, Focusrite Red Plug-in Suite, Pro Tools First Creative Pack
Compatibility	<ul style="list-style-type: none">• iPad Pro• macOS 10.12 or later• Windows 7 SP1 or later, Windows 10 v1809 or later
Bus Powered	Yes
Power Supply	USB bus powered

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Technical Specifications of a Nylon Pop Filter

Type	Pop Filter
Material	Nylon Screen
Diameter	6"
Gooseneck Length	11.5"