



| 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"> <li>WAV / BWF<br/>Sampling Frequency - 44.1k / 48k / 96k Hz<br/>Bit-depth - 16 / 24-bit</li> <li>MP3<br/>Sampling Frequency 44.1k / 48k Hz<br/>Recording Bit-rate 32k / 64k / 96k / 128k / 192k / 256k / 320k bps<br/>Playback Bit-rate 32k to 320k bps, VBR, ID3TAG Ver. 2.4</li> </ul>                                     |
| 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"> <li>Connector XLR/TRS Combo jack (1: GND, 2: HOT, 3: COLD)</li> <li>Nominal Input Level -19dBV (MIC) / +4dBu (LINE)</li> <li>Maximum Input Level -3dBV (MIC) / +20dBu (LINE)</li> <li>Input Impedance 2.2kΩ (MIC) / 10kΩ (LINE)</li> </ul>   |
| PHONES/LINE OUT                                      | <ul style="list-style-type: none"> <li>Connector 1/8" (3.5mm) Stereo Mini jack (Unbalanced) <b>for LINE connection</b></li> <li>Nominal Output Level -14dBV (10kΩ load)</li> <li>Maximum Output Level +2dBV (10kΩ load)</li> <li>Output Impedance 12Ω</li> <li><b>for Headphones connection</b></li> <li>Maximum Output Power 20mW + 20mW (32Ω load)</li> </ul> |
| USB  | <ul style="list-style-type: none"> <li>Connector USB Micro B-type</li> <li>Format USB2.0 HIGH SPEED</li> </ul>  |



|                                    |   |
|------------------------------------|---|
| 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"> <li>Alkaline (EVOLTA) approx. 18 hours (2ch WAV, 44.1kHz, 16-bit, using Built-in Microphone, JEITA)</li> <li>Ni-MH (eneloop) approx. 16 hours (2ch WAV, 44.1kHz, 16-bit, using Built-in Microphone, JEITA)</li> </ul>                                      |
| 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"> <li>Fs 44.1kHz 20Hz to 20kHz, +0/-1 dB (EXT IN to LINE OUT, JEITA)</li> <li>Fs 48kHz 20Hz to 22kHz, +0/-1 dB (EXT IN to LINE OUT, JEITA)</li> <li>Fs 96kHz 20Hz to 40kHz, +0/-1 dB (EXT IN to LINE OUT, JEITA)</li> </ul> |
| 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"> <li>Windows 7 or later</li> <li>macOS Sierra(10.12) or later</li> <li>iOS 11 or later, iPadOS 14</li> </ul>  |



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



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



## Technical Specifications of a Video Light Kit

|                        |   |
|------------------------|---|
| Adjustable Light Stand | <ul style="list-style-type: none"><li>• 79" Adjustable Light Stand</li><li>• Adjustable from 27"/70cm-79"/200cm</li><li>• Bearing a maximum weight: 6 kg</li></ul>  |
| Led Video Panel Light  | <ul style="list-style-type: none"><li>• Color Temperature: 3200/5500K</li><li>• Work Voltage: 7.4V</li><li>• Static Power Consumption: <math>\leq 100\mu\text{A}</math></li><li>• Power: 11W</li><li>• Lumens: 950LM</li><li>• Beam Angle: 60°</li><li>• LED Qty: 160pcs</li><li>• Dimmable LED light with 8 levels brightness</li><li>• Equipped with a hot shoe mount and 1/4-inch thread</li></ul> |
| Filters                | <ul style="list-style-type: none"><li>• Transparent Filter</li><li>• Orange Filter</li></ul>  |
| Rechargeable Battery   | <ul style="list-style-type: none"><li>• Battery fully charges in less than 6 hours</li><li>• Last up to 1.76 hours at maximum brightness</li><li>• Suitable for indoor or outdoor use</li><li>• Battery charger</li></ul>   |
| 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"><li>• Full-Frame</li><li>• 20 to 200 mm</li><li>• 14 mm (with Wide-Angle Adapter)</li></ul>                     |
| Angle of Coverage      | <ul style="list-style-type: none"><li>• 12 to 94°</li><li>• 114° (with Wide-Angle Adapter)</li></ul>  |
| 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"><li>• Radio (TTL/Manual) Up to 98.43' / 30 m</li><li>• Optical Pulse (TTL/Manual) Up to 49.21' / 15 m</li></ul> |
| Wireless Channels      | 4   |
| Internal Power         | 4 x AA (Alkaline, Lithium, NiMH)  |



|                                |   |
|--------------------------------|---|
| External Power Pack Compatible | <ul style="list-style-type: none"><li>• Yes</li><li>• A 4-Pack of Rechargeable Double AA Batteries</li></ul>  |
| 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"><li>• Monopod</li><li>• Wireless Shutter Release Remote</li><li>• Battery case</li><li>• Case for Flash</li><li>• Cleaning Pen &amp; Blower</li><li>• SCF-E3 Color Filter</li><li>• SBA-E3 Bounce Adapter</li></ul> |



## 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"><li>• Two built-in bubble view levels</li><li>• 3-way head to allow for tilt and swivel motion; portrait or landscape options</li><li>• Quick-release mounting plate</li></ul> |
| 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"><li>• Carrying case</li></ul>  |





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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"> <li>• Gold plated stereo jack plug (3.5 mm)</li> <li>• 1/4" adapter (6.35 mm)</li> </ul>   |
| Features                   | <ul style="list-style-type: none"> <li>• Closed diffuse field studio headphone</li> <li>• Innovative bass reflex system</li> <li>• Robust spring steel headband</li> <li>• Single sided cable</li> <li>• Soft inner headband</li> <li>• Gold plated jack plug (3.5 mm) and adapter (6.35 mm)</li> </ul> |



## 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"><li>• 6.49" x 2.12"</li><li>• Weight: 1 lbs</li></ul> |
| Included Accessories     | Stand Adapter   |
| Manufacturer Part Number | 3101H00400  |



## 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"><li>• iPad Pro</li><li>• macOS 10.12 or later</li><li>• Windows 7 SP1 or later, Windows 10 v1809 or later</li></ul> |
| Bus Powered           | Yes   |
| Power Supply          | USB bus powered   |



## Technical Specifications of a Nylon Pop Filter

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