

Specifications

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| Input and output channels | Inputs | Mic capsule | 1 |
| | | MIC/LINE (mono) | 4 |
| | Outputs | LINE OUT | 1 |
| | | Headphone | 1 |
| | | Built-in speaker (mono) | 1 |
| Inputs | XY mic: XYH-6e | 90° XY stereo format | |
| | | Directionality | Unidirectional |
| | | Sensitivity | -42dB/1Pa at 1kHz |
| | | Maximum sound pressure input | 135 dB SPL |
| | MIC/LINE (mono) | Connectors | 4 XLR/TRS combo jacks (XLR: 2 HOT, TRS: TIP HOT) |
| | | Input gain | Adjustment unnecessary (dual A/D converter circuits used) |
| | | Input impedance | MIC: 3.8 k Ω or more LINE: 39 k Ω or more |
| | | Maximum input level | MIC: +4 dBu LINE: +24 dBu |
| | | Phantom power | +48 V Channel total 32 mA or less |
| | | Equivalent input noise | MIC: -120 dBu or less (IHF-A) at 150 Ω input LINE: -95 dBu or less (IHF-A) at 600 Ω input |
| | LINE OUT | Connector | 1 stereo mini jack |
| | | Maximum output level | +1 dBu |
| | | Output impedance | 110 Ω or less |
| Outputs | Headphone | Connector | 1 stereo mini jack |
| | | Maximum output level | 20 mW + 20 mW (when 32 Ω load) |
| | | Output impedance | 10 Ω or less |
| | Built-in speaker | Type | 20 mm \times 30 mm elliptical dynamic speaker |
| | | Effective maximum output | 250 mW |
| | Recorder | Maximum simultaneous recording tracks | 8 |

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| | | Maximum simultaneous playback tracks | 6 |
| | | Recording format | WAV 44.1/48/96 kHz, 32-bit float mono/stereo BWF and iXML formats supported |
| | | Recording media | 4–32GB cards compatible with the microSDHC specification 64GB–1TB cards compatible with the microSDXC specification |
| Display | | | 2.00" full-color LCD (320 × 240) |
| USB | Connector | | USB Type-C • Use a USB cable that supports data transfer. USB bus power is supported. |
| | | Audio interface | USB 2.0 High Speed |
| | | Input and output channels | 6 in / 2 out (Multi) 2 in / 2 out (Stereo) |
| | | Sampling frequency | 44.1/48/96 kHz (AIF only) 44.1/48 kHz (AIF + onboard recording) |
| | | Bit depth | 24-bit, 32-bit float |
| | File transfer | | USB 2.0 High Speed |
| REMOTE | | | Dedicated wireless adapter (ZOOM BTA-1) |
| Power | | | 4 AA batteries (alkaline, lithium or rechargeable NiMH batteries) AC adapter (ZOOM AD-17): DC 5V/1A • USB bus power is supported. |
| <p>Estimated continuous operation times using batteries</p> <ul style="list-style-type: none"> • These values are approximate. • Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions. | | 2-track (XYH-6e) recording at 48 kHz/32-bit float with phantom power off, no headphones, no LINE OUT, no REMOTE, Power Saving on, Display Brightness Medium | Alkaline batteries: about 18 hours NiMH batteries (1900 mAh): about 14.5 hours Lithium batteries: about 30 hours |
| | | 6-track (XYH-6e and inputs 1–4) recording at 48 kHz/32-bit float with phantom power off, headphones used (33Ω load), no LINE OUT, no REMOTE, Power Saving on, Display Brightness Medium | Alkaline batteries: about 3.5 hours NiMH batteries (1900 mAh): about 4 hours Lithium batteries: about 9 hours |
| Power consumption | | | 5 W maximum |

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| Dimensions | Recorder: 78.1 mm (W) × 160.1 mm (D) × 42.8 mm (H) XYH-6e: 69.1 mm (W) × 50.8 mm (D) × 43.0 mm (H) |
| Weight | 381 g (including batteries) XYH-6e: 42 g |

Note: 0 dBu = 0.775 Vrms