

| | CLIO 12 | CLIO 13 | CLIO X 14 | CLIO Pocket 3 |
|---|--|--|--|--|
| Hardware | | | | |
| Interface/Signal Conditioner | CLIO FW-02 | CLIO FW-02 | CLIO FW-03 | CLIO CP-01 |
| Inputs | 2 balanced (XLR Combo) | 2 balanced (XLR Combo) | 2 balanced (XLR Combo) | 1 unbalanced (RCA) |
| Input range | -40 dBV up to 40 dBV | -40 dBV up to 40 dBV | -40 dBV up to 40 dBV | -40 dBV up to 40 dBV |
| Outputs | 2 balanced (XLR-RCA) | 2 balanced (XLR-RCA) | 2 balanced (XLR-RCA) | 1 unbalanced (RCA) |
| Output level (sine) | Max +18 dBu | Max +18 dBu | Max +18 dBu | Max +13 dBu |
| AD/DA Converter | 24 bit | 24 bit | 24 bit | 24 bit |
| Sampling frequency | 48kHz, 96kHz, 192kHz | 48kHz, 96kHz, 192kHz | 48kHz, 96kHz, 192kHz | 48kHz, 96 kHz |
| Digital SPDIF out | YES | YES | YES | NO |
| Data connection | USB type B | USB type B | USB type B | USB type B |
| Power supply | +12V wall plug adapter | +12V wall plug adapter | +12V wall plug adapter | USB powered |
| Microphone included | NO | NO | NO | YES (Audiomatica MIC-02) |
| Phantom Power Supply | 24 V | 24 V | 8.2V, 24 V, 48 V | 8.2 V |
| Software Platform | | | | |
| Windows compatibility | from Windows XP to W11 | from Windows XP to W11 | from Windows Vista to W11 | from Windows XP to W11 |
| macOS compatibility | NO | NO | NO | From 10.9 Mavericks to macOS 26 |
| Measurement analyzers | | | | |
| Impulse response | MLS, LogChirp (size 4k up to 2M) | MLS, LogChirp (size 4k up to 2M) | MLS, LogChirp (size 4k up to 2M) | LogChirp (size 4k, 16k, 64k) Linear response, 2nd and 3rd order distortion, THD |
| FFT and RTA | FFT, RTA, A/B Transfer Function, CEA2010/CTA2034, AES75 (size 512 up to 256k) | FFT, RTA, A/B Transfer Function, CEA2010/CTA2034, AES75 (size 512 up to 256k) | FFT, RTA, A/B Transfer Function, CEA2010/CTA2034, AES75 (size 512 up to 256k) | FFT, RTA (size 4k, 16k, 64k) |
| Sinusoidal | Linear response, distortion and Rub&Buzz | Linear response, distortion, THD, THD+N and Rub&Buzz | Linear response, distortion, THD, THD+N and Rub&Buzz | NO |
| Multimeter | Dual channel reading: RMS, AVG, Peak selectable time constant: Fast, Slow, FFT slave LP, BP, HP brickwall filters, RLC meter | Dual channel reading: RMS, AVG, Peak selectable time constant: Fast, Slow, FFT slave LP, BP, HP brickwall filters, RLC meter | Dual channel reading: RMS, AVG, Peak selectable time constant: Fast, Slow, FFT slave LP, BP, HP brickwall filters, RLC meter | Simple visualization with RLC meter |
| Wow and flutter | YES | YES | YES | NO |
| Leq (data logger) | YES | YES | YES | NO |
| Linearity and distortion | YES | YES | YES | NO |
| Loudness rating | YES | YES | YES | NO |
| Direct STIPA | YES | YES | YES | NO |
| Input Recording Function | NO | YES | YES | YES |
| Postprocessing and analysis | | | | |
| Thiele&Small parameters | Added Mass, Known Volume, Laser Displacement | Added Mass, Known Volume, Laser Displacement | Added Mass, Known Volume, Laser Displacement | Added Mass, Known Volume |
| Source directivity | Directivity, 3D Balloon* | Directivity, 3D Balloon* | Directivity, 3D Balloon* | Directivity |
| Time-Frequency Analysis | CSD, ETF, Wavelet, WCD | CSD, ETF, Wavelet, WCD | CSD, ETF, Wavelet, WCD | CSD, WCD |
| Acoustical parameters and STI | YES | YES | YES | NO |
| Mathematical tools | YES | YES | YES | YES |
| Signal generator | | | | |
| Signals | Sin, TwoSin, Multitone, CEA Burst, Pulse, White, MLS, LogChirp, Chirp, Pink, All | Sin, TwoSin, Multitone, CEA Burst, Pulse, White, MLS, LogChirp, Chirp, Pink, All | Sin, TwoSin, Multitone, CEA Burst, Pulse, White, MLS, LogChirp, Chirp, Pink, All | Sin, TwoSin CEA Burst, White, Chirp, Pink, All |
| Playback .wav files | YES | YES | YES | YES |
| Frequency sweeper | YES | YES | YES | YES |
| Lowpass and Highpass filter | YES | YES | YES | NO |
| Save current signal | YES | YES | YES | NO |
| Hardware controls | | | | |
| PC Wave devices control | YES | YES | YES | PLAYBACK ONLY |
| Turntable control | Outline, LinearX, Fbo, TTL, Four Audio, CLIO Open (up to 2 devices*) | Outline, LinearX, Fbo, TTL, Four Audio, CLIO Open (up to 2 devices*) | Outline, LinearX, Fbo, TTL, Four Audio, CLIO Open (up to 2 devices*) | CLIO Open |
| Autosave | Timestamp, 1D, 3D* | Timestamp, 1D, 3D* | Timestamp, 1D, 3D* | Timestamp, 1D |
| QCBox V switchbox and amplifier compatibility | YES | YES | YES | NO |
| Quality Control Features | | | | |
| QC Scripting Language | YES* | YES* | YES* | NO |
| TCP/IP remote control | YES* | YES* | YES* | NO |
| Parallel and serial port control | YES* | YES* | YES* | NO |

*QC software version

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