

Zoom unveils the all-new MicTrak 32-Bit Float Recorder Series



Zoom is delighted to announce the all-new MicTrak recorder series, containing of 3 different models: M2 MicTrak, M3 MicTrak and M4 MicTrak. The MicTrak series combines a stereo microphone with a 32-Bit Float Recorder for clip-free audio recording, allowing you to capture perfect audio in any situation without the need to set gain.

The M2 is designed like a handheld microphone and with its all-new X/Y mic capsule design and 32-bit float technology, the M2 MicTrak always gives you great sound in one take. The M2's unique shockmounted X/Y stereo mics, along with its specially designed glossy finish significantly reduces handling noise. The M2 offers mono and stereo recording modes for musical performances and interviews. The LCD display allows waveform monitoring in realtime and the normalize function saves time and streamlines the editing process.

The M3 is the first shotgun microphone with 32-Bit Float Recording and gives filmmakers the ability to elevate their content with pristine audio. This on-camera stereo microphone / recorder captures every sonic nuance with 32-bit float recording. Thanks to the MS-stereo microphone, you can switch between mono and stereo modes with 90 degree or 120 degree recording angle. Furthermore, the M3 always saves a Mid-Side RAW file, giving you the flexibility to adjust the stereo width of your recording in post. And with the M3's 3.5mm stereo output you can connect and record a backup of your audio to your camera for easier syncing your audio to video.

The M4 MicTrak is the first portable 4-track recorder equipped with 32-bit float recording and built-in timecode generator, giving filmmakers and musicians everything they need to capture outstanding audio. The M4 offers 2 external XLR inputs and a built in X/Y-stereo mic and records in 32-bit float, allowing you to capture perfect audio in any situation without the need to set gain. The M4 was engineered to be the quietest handheld recorder ever. Its unique shock mounted X/Y mics and glossy finish significantly reduces handling noise, ensuring clean, clear audio, everytime. The M4's built-in timecode generator has professional grade .2 ppm accuracy which allows filmmakers to sync their audio to video in post with an ease. The M4's color LCD allows waveform monitoring in realtime and the normalize function saves time and streamlines the editing process. Like the M2, the M4 can be used as an 32-Bit USB-C audio interface as well.

The MicTrak series will ship in december 2022.

Produktvideo:

M2 MicTrak: <https://bit.ly/3uRswsr>

M3 MicTrak: <https://bit.ly/3HCBpxG>

M4 MicTrak: <https://bit.ly/3W6mwln>

Overview**Facts**

- Zoom unveils M2 MicTrak, M3 MicTrak and M4 MicTrak
- M2 MicTrak features built-in X/Y-stereo mic and a 2-Track 32-Bit Float Recorder
- Stereo/mono recording modes
- LCD display for realtime waveform monitoring
- M3 MicTrak is first MS-stereo shotgun mic with 32-Bit Float Recording
- Mono and stereo (90 degree and 120 degree) recording modes
- ;M3 records Backup MS-RAW-file for adjusting stereo width in post
- M4 MicTrak features built-in X/Y-stereo mic, a 4-Track 32-Bit Float Recorder and Timecode Generator
- 2 XLR/jack combo inputs
- Color-LCD display for realtime waveform monitoring
- All MicTraks can be used as 32-Bit (M2=24-Bit) USB-C audio interfaces

Product name

M2 MicTrak
M3 MicTrak
M4 MicTrak

Brand

Zoom

Exclusive distribution

Sound Service GmbH
UK: Sound Service MSL
Distribution Ltd

Website

www.sound-service.eu
www.zoomcorp.com

Price (estimated MSRP)

M2 MicTrak: 272,51 Euro incl. 19%VAT
234,- GBP incl. 20% VAT
M3 MicTrak: 272,51 Euro incl. 19%VAT
234,- GBP incl. 20% VAT
M4 MicTrak: 546,21 Euro incl. 19%
468,- GBP incl. 20% VAT

Availability

Dec 2022

Media**Press download incl. images**

<https://blog.sound-service.eu/press-kits/>

Products for review

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Content of this Press Release:

M2 MicTrak - AUDIO RESULTS GUARANTEED

- ONE TAKE IS ALL YOU NEED
- BUILT FOR CREATORS
- SUPER LOW HANDLING NOISE
- STEREO AND MONO MODES
- NORMALIZING FUNCTION
- ON-BOARD MONITORING
- USB MIC WITH 32-BIT FLOAT
- MIC CLIP INCLUDED
- PLENTY OF BATTERY LIFE

M3 MicTrak - PICTURE PERFECT SOUND. IN ONE TAKE.

- 32-BIT FLOAT RECORDING
- RUN-AND-GUN READY
- MONO AND STEREO MODES
- MORE FLEXIBILITY IN POST
- BACKUP YOUR RECORDING
- STREAMLINING POST PRODUCTION
- USB MICROPHONE
- MONITORING
- FOR ALL-DAY SHOTS

M4 MicTrak - PERFECT TRACKS. IN ONE TAKE.

- CLIP-FREE AUDIO
- BUILT FOR CREATORS
- WAV WATCHING
- SUPER LOW HANDLING NOISE
- TIMECODE ONBOARD.
- THE INS AND OUTS
- ONE-STEP NORMALIZATION
- MONITORING CAPABILITY
- SIX SECONDS OF SAFETY
- RECORD ALL DAY
- RC4 REMOTE CONTROL
- 32-BIT FLOAT AUDIO INTERFACE

Berlin, 15th of December 2022 – Zoom introduces the all-new MicTrak series. The MicTrak series is Zoom's latest innovation in portable recording, featuring a unique **Microphone with built-in 32-Bit Float Recorder** design.

M2 MicTrak

AUDIO RESULTS GUARANTEED

With its all-new X/Y mic capsule design and 32-bit float technology, the M2 MicTrak always gives you great sound in one take.

ONE TAKE IS ALL YOU NEED

The M2 captures clip-free audio, every time. With 32-bit float recording, there's no need to set gain. Whether you're recording soft-spoken dialogue or the thunderous sound of drums, you'll never miss out on the sound you need.

BUILT FOR CREATORS

STEREO RECORDING FOR MUSICIANS

Capture all of your live performances and rehearsals. The M2 is built to provide studio quality sound every time you hit 'record'.

PODCAST FROM ANYWHERE

When you're on the go, the M2 is the only recorder you'll need to deliver crisp, clear dialogue, every time.

BREAKING NEWS ONLY GETS ONE TAKE

When you have just one opportunity to capture the story, the M2 will not let you down.

SUPER LOW HANDLING NOISE

The M2's unique shockmounted X/Y stereo mics, along with its specially designed glossy finish significantly reduces handling noise.

STEREO AND MONO MODES

Choose between recording in stereo or mono modes. Stereo is optimal for music performances while mono is perfect for recording interviews and dialogue.

NORMALIZING FUNCTION

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The M2 includes a NORMALIZE function that will raise or lower the level of your records to optimize volume. This saves time and streamlines the editing process.

ON-BOARD MONITORING

LOOK

Keep an eye on your recording using the M2's LCD screen with a real-time waveform display.

LISTEN

Use the headphone output to monitor your recordings and use the on-board speaker for quick reference.

USB MIC WITH 32-BIT FLOAT

Connect the M2 via USB when recording and streaming on PC, Mac, iOS and Android.

MIC CLIP INCLUDED

Place the M2 on a mic stand for stationary recordings by using the included mic clip.

PLENTY OF BATTERY LIFE

11-hour AA battery life, secured with our new sturdy lock-system, ensures that the M2 is ready to record whenever you need it.

M3 MicTrak

PICTURE PERFECT SOUND. IN ONE TAKE.

The M3 MicTrak gives filmmakers the ability to elevate their content with pristine audio. This on-camera stereo microphone / recorder captures every sonic nuance with 32-bit float recording.

32-BIT FLOAT RECORDING

The M3 captures clip-free audio, every time. With 32-bit float recording, there's no need to set gain. Whether it's dialogue, sound effects or outdoor ambience, you'll always get the perfect take.

RUN-AND-GUN READY

Quickly shift from scene to scene with the M3 attached to the camera of your choice. Its specially designed shock mount keeps your setup lightweight and ensures minimal handling noise.

MONO AND STEREO MODES

Easily switch between mono and stereo modes. Mono mode is optimal for capturing dialogue. 90° gives an accurate, transparent stereo capture. 120° provides a generous stereo capture ideal for ambience or sound effects.

MORE FLEXIBILITY IN POST

The M3 always saves a backup Mid-Side RAW file, giving you the flexibility to adjust the stereo width of your recording in post.

BACKUP YOUR RECORDING

Use the M3's 3.5mm stereo output to connect and record a backup of your audio to your camera. This is especially helpful when syncing your audio to video.

STREAMLINING POST PRODUCTION

With the M3 Edit and Play software, you can adjust the stereo width of your recording and normalize your files to prepare them for syncing and editing.

USB MICROPHONE

Connect the USB-C port to a PC or Mac to use the M3 as a USB mic for streaming or recording.

MONITORING

Use the 3.5mm headphone output to monitor your recording.

FOR ALL-DAY SHOOTS

POWER

Use the M3 during long production days with up to 12-hours of recording on 2 AA batteries.

STORAGE

Record on SDXC cards with up to 1TB of memory.

M4 MicTrak

PERFECT TRACKS. IN ONE TAKE.

PRESS RELEASE



The M4 MicTrak is the first portable recorder equipped with 32-bit float recording and built-in timecode generator, giving filmmakers and musicians everything they need to capture outstanding audio.

CLIP-FREE AUDIO

When you're on-set you can't afford to come away with clipped or faint audio. The M4 records in 32-bit float, allowing you to capture perfect audio in any situation without the need to set gain.

BUILT FOR CREATORS

ROLLING... AND... ACTION!

Filmmakers can use the two XLR inputs for dialogue, while using the X/Y mics to record ambience. In post, your recordings can easily be synced to video, thanks to the M4's onboard timecode generator.

MAKE GREAT SOUNDING MUSIC VIDEOS

Combine audio captured by the onboard X/Y mics with two additional external microphones to give your videos studio-quality sound in any environment.

WAV WATCHING

Keep an eye on all four tracks of your recording using the M4's color LCD with a real-time waveform display.

SUPER LOW HANDLING NOISE

The M4 was engineered to be the quietest handheld recorder ever. Its unique shock mounted X/Y mics and glossy finish significantly reduces handling noise, ensuring clean, clear audio, everytime.

TIMECODE ONBOARD.

Serious videographers use timecode to keep their audio and video perfectly in sync. The M4's built-in timecode generator has professional grade .2 ppm accuracy.

THE INS AND OUTS

HIGH-PERFORMANCE INPUTS

The M4 has two XLR/ TRS inputs that feature the same professional grade, low-noise preamps found in our flagship F-Series recorders.

PERFECT OUTPUTS

Connect the line output to your camera to record a backup or sync track to your video. Monitor your recording using the built-in headphone output.

ONE-STEP NORMALIZATION

Save time in post production by using the on board NORMALIZE function to automatically raise or lower the volume of your recording to the optimal level without compressing the audio.

MONITORING CAPABILITY

Use the headphone output to monitor your recording or use the built in speaker for quick reference playback.

SIX SECONDS OF SAFETY

The PRERECORD function captures and saves six seconds of audio before you hit RECORD - perfect for unexpected starts.

RECORD ALL DAY

With 18 hours of battery life, the M4 is ready to record whenever you need it.

RC4 REMOTE CONTROL

Control your M4 from up to 5 meters away with the Zoom RC4 (sold separately).

32-BIT FLOAT AUDIO INTERFACE

The M4 can be used as a 32-bit float, 4-in/2-out audio interface.

(1041 words / 5353 characters)

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Technical Specifications

Model			M2	M3	M4
INPUTS	CHANNELS			2(BUILT IN MS SHOTGUN MIC)	2(BUILT IN XY MIC) + 2(XLR/TRS INPUTS)
	MIC INPUT	MIC TYPE	Unidirectional	Super-cardioid/bi-directional	Unidirectional
		SENSITIVITY	-42 dB, 1 kHz at 1 Pa	MID MIC: -39 dB, 1 kHz at 1 Pa SIDE MIC: -39 dB, 1 kHz at 1 Pa	-42 dB, 1 kHz at 1 Pa
		INPUT GAIN	Adjustment unnecessary (dual AD converter circuits used)	Adjustment unnecessary (dual AD converter circuits used)	Adjustment unnecessary (dual AD converter circuits used)
		MAX SOUND PRESSURE INPUT	135 dB SPL	MID MIC: 132 dB SPL SIDE MIC: 122 dB SPL	135 dB SPL
	EXT MIC INPUT	CONNECTORS			1/8" stereo mini jack
		INPUT GAIN			Adjustment unnecessary (dual AD converter circuits used)
		INPUT IMPEDANCE			2 kΩ or more
	XLR/TRS INPUTS	CONNECTORS			XLR(2: HOT)/TRS combo jacks
		INPUT GAIN			Adjustment unnecessary (dual AD converter circuits used)
		INPUT IMPEDANCE			MIC: 3 kΩ or more LINE: 3 kΩ or more
		MAXIMUM INPUT LEVEL			MIC: +4 dBu LINE: +24 dBu
		PHANTOM POWER			+24/+48V 10mA maximum for each channel
		EQUIVALENT INPUT NOISE			-127 dBu or less (IHF-A)
OUTPUTS	LINE OUT	CONNECTOR		1/8" stereo mini jack	1/8" stereo mini jack
		MAXIMUM OUTPUT LEVEL		+1 dBu	+1 dBu
	HEADPHONE	CONNECTOR	1/8" stereo mini jack	1/8" stereo mini jack	1/8" stereo mini jack
		MAXIMUM OUTPUT LEVEL	20 mW +20 mW (32 Ω load)	20 mW +20 mW (32 Ω load)	20 mW +20 mW (32 Ω load)
	BUILT-IN SPEAKER		500mW/8Ω mono speaker		500mW/8Ω mono speaker
RECORDING	RECORDING MEDIA		4GB–32GB microSDHC cards 64GB–1TB microSDXC cards	4GB–32GB microSDHC cards 64GB–1TB microSDXC cards	4GB–32GB microSDHC cards 64GB–1TB microSDXC cards
	WAV	SUPPORTED FORMATS	44.1/48/96kHz 32-bit float mono/stereo BWF and iXML	48kHz 32-bit float stereo BWF	44.1/47.952/48/48.048/96/192kHz 32-bit float mono/stereo
		MAXIMUM SIMULTANEOUS RECORDING TRACKS	2 (BUILT IN XY MIC)	4 (STEREO + MS RAW)	4 (2 BUILT IN XY MIC + 2 XLR/TRS INPUTS)
TIME CODE	CONNECTOR				1/8" stereo mini jack (Tip: IN, Ring: OUT)
	MODES				Off Int Free Run, Int Record Run, Int RTC Run Ext 23.976ND 24ND 25ND 29.97ND 29.97D 30ND 30D
	FRAME RATES				
	PRECISION				±0.2 ppm
	SUPPORTED INPUT LEVELS				0.2 – 5.0 Vpp
	INPUT IMPEDANCE				4.6 kΩ
	OUTPUT LEVEL				3.3 Vpp
	OUTPUT IMPEDANCE				50 Ω or less
POWER SUPPLIES	BATTERIES		2 AA	2 AA	4 AA

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	AC ADAPTER		ZOOM AD-17 (DC 5 V/1 A) • USB bus power is supported.	ZOOM AD-17 (DC 5 V/1 A) • USB bus power is supported.	ZOOM AD-17 (DC 5 V/1 A) • USB bus power is supported.
DISPLAY	LCD		LCD with backlight (96x64)		1.54" full color (240 x 240)
REMOTE	INPUT				RC2/RC4/RCH-5/RCH-6
USB	CONNECTOR		USB Type-C	USB Type-C	USB Type-C
	MASS STORAGE	CLASS	USB 2.0 High Speed	USB 2.0 High Speed	USB 2.0 High Speed
	AUDIO INTERFACE WITH REC	CLASS	USB 2.0 High Speed	USB 2.0 High Speed	USB 2.0 High Speed
		SAMPLING RATE	48kHz	48kHz	48kHz
		BIT RATE	24-bit/32-bit float	24-bit integer	24-bit/32-bit float
		CHANNELS	2 in/2 out	2 in/2 out	4 in/2 out
ESTIMATED CONTINUOUS OPERATION TIME USING BATTERIES	48 kHz/32-bit float, 2ch recording to microSDHC card		Alkaline batteries: about 11 hours	Alkaline batteries: about 12 hours	Alkaline batteries: about 18 hours
INCLUDED ITEMS			QUICK GUIDE	QUICK GUIDE	QUICK GUIDE
			WINDSCREEN	FORM WINDSCREEN	WINDSCREEN
			MIC CLIP	STEREO MINI CABLE	
				SHOCKMOUNT	

About the Company Sound Service European Music Distribution

Founded in 1983, the Berlin based Sound Service European Music Distribution has been growing steadily from a one-product-distributor (MFB Fricke; the world's first digital drummachine) to one of the major independent german distribution companies for musical instruments recording studio equipment and PA, Lightning and DJ products. Today Sound Service is one of the leading distribution companies in Europe with exclusive distribution rights for a lot of the A-List MI-brands covering most of the countries in Europe.

About the Zoom Corporation

WE'RE ZOOM. AND WE'RE FOR CREATORS.

Zoom designs and produces a wide array of recording devices, multi-effects processors, effects pedals, digital mixers, and samplers. Our innovative, cutting-edge technology is trusted world-wide by sound designers, musicians, podcasters, filmmakers, location sound professionals, electronic news gatherers, and pretty much anyone who creates amazing, important things.

Zoom's corporate culture is a fusion of engineers and artists; a combination of advanced technological skills and the sense and desire to employ them creatively and imaginatively. Our mission is to design, develop and manufacture high-end, and easy-to-use creative tools that allow anyone, from amateur to professional, to more freely express their creative ideas in today's digitally-driven world.