PRESS RELEASE

Zoom unveils the new F6 MultiTrack Field Recorder

Zoom introduces the next evolution in its series of MultiTrack Field Recorders, the Zoom F6. With new advanced 32-bit float recording and dual AD converters, the F6 achieves unprecedented dynamic range, taking mobile recordings to a new level. The 6-channel 14-track audio recorder / mixer has 6 separate inputs with lockable Neutrik XLR jacks, and its ultra-low-noise mic preamps provide up to 75dB of gain. Advanced Look-Ahead Hybrid Limiter, Zoom AutoMix ™ software, accurate 0.2ppm timecode, and three power options are proofing its professional appeal. The F6 also supports now the widely used Sony® L-Series batteries. Furthermore, it can be used as an USB audio interface with 6 inputs and 4 outputs and, like the F8n, allows simultaneous recording on the internal SD card and via USB. The extensive support for Ambisonics Audio and the ability to externally control the F6 via the separately sold F-Control - or wirelessly via the F6 Control App - make the F6 an indispensable tool for all professional filmmakers and the new secret weapon on every set. The new Zoom F6 will be available from about July 2019.

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Rangsdorf, 22nd of May 2019 – The all-new ZOOM F6 is our new MultiTrack Field Recorder and mixer and combines our latest 32-Bit recording technology with the worldwide highly acclaimed pro-grade features of our F8n in a new ultra-compact rugged housing.

Capture the Calm and the Storm
The Zoom F6 is the first professional field recorder to feature both 32-bit float recording and dual AD converters, providing an unprecedented amount of dynamic range. With 6 inputs, Zoom's solid time code, multiple power options and wireless control, the F6 is poised to be your new secret weapon on set.

32-Bit Float Recording
In the field, fluctuating dynamics can prove challenging. Loud sounds can cause clipping and quiet sounds can get lost in the noise. The F6 uses 32-bit float recording with dual A/D converters to capture both explosive and subtle sounds at full audio quality – without ever adjusting gain!

For Those Hard to Reach Places
Rugged enough to withstand the most demanding scenarios and small enough to fit into the tightest spaces, the F6 will become your go-to recorder.

Mic Preamps
The F6 is equipped with six professional-grade preamps. Featuring a super-low noise floor (-127 dBu EIN), high gain (up to 75 dB), and selectable mic/line levels for each input, the F6 is built for location sound.

Precision Time Code
Keep tracks perfectly synced even when you power down for lunch. On or off, the F6's Temperature Compensated Crystal Oscillator (TCXO) generates time code at 0.2 ppm accuracy.

Advanced Look-Ahead Hybrid Limiters
For 24-bit recording, the F6 is equipped with advanced look-ahead hybrid limiters that provide overload protection. By adding a 1-millisecond delay, the limiters "look ahead" anticipating clipping before it's recorded.

Zoom AutoMix™
Zoom AutoMix™ lets you keep your eyes on the action by automatically adjusting the levels of your mix to reduce ambient sound.

A Closer Look
DISPLAY: A 1.54" full-color backlit LCD with monochromatic mode gives you full visibility night and day.

TRANSPORT CONTROLS: Record, Stop, Pause and Play are front and center for easy access in the field.

LEVEL CONTROLS: Each input has a dedicated level knob.

USB PORT: The F6 features a USB-C connection allowing you to back up your files, live stream while recording and more. The USB port also doubles as a power port.

LINE OUT: The F6 is equipped with a 3.5mm stereo mini unbalanced line out jack for quickly connecting to external mixers, cameras, recording devices and more.

BTA-1 ADAPTER SLOT: Sold separately, Zoom's BTA-1 Bluetooth Adapter provides wireless capability to this ultra-portable field recorder.

INPUTS: The F6 features six discrete inputs with locking Neutrik XLR connectors.

HEADPHONE OUTPUT: The F6 is equipped with a neutral-sounding 100 mW headphone amplifier with plenty of volume for noisy environments.

TIME CODE IN/OUT: A dedicated 3.5mm stereo mini jack offers flexible time code I/O for external audio or video devices.

SD CARD SLOT: Record up to 512 GB on an SD card while streaming or recording to your DAW.

L-SERIES BATTERY CONNECTION: Count on the F6 through take after take when paired with a Sony L-Series battery. And for shorter shoots, record up to ____ hours with just four AA batteries.

Recording Formats
The F6 can record in 32-bit float up to 96 kHz, 24-bit up to 192 kHz or both simultaneously in BWF-compatible WAV formats.

Metadata
Cataloging files with the F6 is quick and easy. Enter track name, scene names, notes, and more in both BWF and iXML.

Monitor What Matters
Use the F6 and your headphones to keep tabs on your tracks pre- or post-fader. Check levels, route signals to the left or right and set alert tones for battery and recording status.

iOS Wireless Control
The F6 Control App lets you monitor signals, adjust levels, trigger transport controls, enter metadata and more from your iPhone or iPad via Bluetooth. *

*Optional BTA-1 required

Punch Up Your Faders
Sold separately, the Zoom F-Control (FRC-8) gives you more flexibility in the field. With an intuitive UI, 60 mm faders and controls for trim, pan and track-arming, the FCR-8 is a must-have for any professional filmmaker.

Ambisonics Audio
The F6's Ambisonics mode offers precision A-to-B decoding and balanced gain linking, enabling you to capture professional spatial audio for VR, AR and more. Download the FREE Zoom Ambisonics Player software to decode and edit your 360-audio with ease.

(716 words / 3677 characters)

Specifications

Recording media
- SD cards, SDHC cards, SDXC cards (that conform to standards)

Inputs
- Inputs
- Connectors: XLR jack (pin 2 hot)
- 1–6 Input (mic)
- Input gain: +12 dB - +75 dB
- Input impedance: 3 kΩ or more
- Maximum input level: +4 dBu
- Input (line)
- Input gain: –8 dB - +55 dB
- Input impedance: 5 kΩ or more
- Maximum input level +24 dBu
- Phantom power: +24/+48V 10mA maximum for each channel
- Equivalent input noise: –127 dBu or less (A-weighted, +75 dB input gain, 150 Ω input)

Outputs
- Line output
- Connectors: 3.5 mm stereo mini unbalanced output
- Output impedance: 100 Ω or less
- Reference output level: –10 dBV, 1 kHz, 10 kΩ load
- Maximum output level: +10 dBV, 1 kHz, 10 kΩ load

- D/A dynamic range: 95 dB typ (–60dBFS input, A-weighted)
- Headphone output

- Connector: 3.5 mm stereo mini unbalanced output
- Output impedance: 15 Ω or less
- Maximum output level: 100 mW + 100 mW (32Ω load)
- D/A dynamic range: 108 dB typ (–60dBFS input, A-weighted)

Recording formats
- When WAV selected

- Supported formats: 44.1/47.952/48/48.048/88.2/96/192 kHz, 16/24-bit/32-bit float, mono/stereo/2-8ch poly, BWF/iXML
- Maximum simultaneous recording tracks: 14 (6 inputs x 2 (Linear and Floating) + LR mix); 6 (6 inputs (Linear or Floating) at Float(32bit) Mode, 192 kHz)
- When MP3 selected
- Supported formats: 128/192/320 kbps, 44.1/48 kHz, ID3v1 tags
- Maximum simultaneous recording tracks: 2

Recording time
- Using a 32 GB card
- 30:46:00 (48 kHz/24-bit stereo WAV)
- 7:41:00 (192 kHz/24-bit stereo WAV)

Timecode
- Connectors: 3.5 mm stereo mini (Tip: IN, Ring: OUT)
- Modes: Off, Int Free Run, Int Record Run, Int RTC Run, Ext, Ext Auto Rec (audio clock can be synchronized to timecode)
- Frame rates: 23.976 ND, 24 ND, 25 ND, 29.97 ND, 29.97 D, 30 ND, 30 D
- Precision: ±0.2 ppm
- Allowed input level: 0.2 – 5.0 Vpp
- Allowed input impedance: 4.6 kΩ
- Output level: 3.3 Vpp
- Output impedance: 50 Ω or less

Power
- AC adapter : DC 5V (supports USB bus power)
- Sony® L-Series battery
- 4 AA batteries (alkaline, lithium or rechargeable NiMH batteries)

Continuous recording time

48 kHz/16-bit 2ch recording to SD card (LINE OUT off, TIMECODE off, LED/LCD Brightness 5, headphones into 32Ω load, PHANTOM off)
- Alkaline batteries: 7.5 hours or more
- NiMH batteries (2450 mAh): 10.5 hours or more
- Lithium batteries: 16.5 hours or more

48 kHz/24-bit 6ch recording to SD card (LINE OUT off, TIMECODE off, LED/LCD Brightness 5, headphones into 32Ω load, PHANTOM off)
- Alkaline batteries: 5.0 hours or more
- NiMH batteries (2450 mAh): 7.0 hours or more
- Lithium batteries: 10.5 hours or more

192 kHz/24-bit 6ch recording to SD card (LINE OUT on, TIME CODE set to Int Free Run, LED/LCD Brightness 60, headphones into 32Ω load, PHANTOM at 48 V)
- Alkaline batteries: 0.5 hours or more
- NiMH batteries (2450 mAh): 1.5 hours or more
- Lithium batteries: 3.5 hours or more

Display: 1.54" full-color LCD (240 × 240)

USB

Mass storage operation
- Class: USB 2.0 High Speed

Multitrack audio interface operation (driver required for Windows, no driver required for MacOS)
- Class: USB 2.0 High Speed

- Sampling rate: 44.1/48/88.2/96 kHz
- Bit Rate: 16/24-bit
- Channels: 6 in/4 out

Stereo mix audio interface operation (no driver required)
- Class: USB 2.0 Full Speed

- Sampling rate: 44.1/48 kHz
- Bit Rate: 16-bit
- Channels: 2 in/2 out
- Note: iOS device audio interface operation supported (stereo mode only)

AIF with Rec operation (driver required for Windows, no driver required for MacOS)
- Class: USB 2.0 High Speed
- Sampling rate: 44.1/48 kHz
- Bit Rate: 16/24-bit
- Channels: 8 in/4 out

- Power consumption: 10 W
- External dimensions: 100 mm (W) x 119.8 mm (D) x 62.9 mm (H)
- Weight: 520 g

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.