

Tascam FR-AV2

Šifra: 19324
 Kategorija proizvoda: Snimači/Rekorderi
 Proizvođač: TASCAM

Cena: 51.480,00 rsd



Specification

Recorder specifications

Recording media	microSD (64 MB – 2 GB) microSDHC (4–32 GB) microSDXC (48–512 GB)
Recording/playback format	WAV (BWF)
Sampling frequency	48 kHz, 96 kHz, 192 kHz
Quantization bit depth	24 bit, 32 bit float
Input channels	2
Maximum number of recordable tracks	2

Analogue audio inputs and outputs

Microphone input (balanced)	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Maximum input level	+4 dBu

Analogue audio inputs and outputs

Minimum input level	-76 dBu
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Gain adjustment range	0-50 dB
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Input impedance	$\geq 2 \text{ k}\Omega$
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Phantom power	24 V, 48 V
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Line input (balanced)	6.3-mm standard TRS jacks (Tip = HOT, Ring = COLD, Sleeve = GND)
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Maximum input level	+24 dBu
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Nominal input level	+4 dBu (GAIN at minimum)
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Input impedance	$\geq 8 \text{ k}\Omega$
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Line/timecode input (unbalanced)	3.5-mm stereo mini jack
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Maximum input level	1 dBV
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Nominal input level	-19 dBV (GAIN at minimum)
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Minimum input level	-79 dBV
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Input Impedance	$\geq 6 \text{ k}\Omega$ (plug-in power off) $\geq 1.6 \text{ k}\Omega$ (plug-in power on)
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Plug-in power	2.5 V, 5 V
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Analogue audio outputs

Line/timecode output (unbalanced)	3.5-mm stereo mini jack
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Maximum output level	+6 dBV
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Nominal output level	-10 dBV (-16 dBFS)
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Output impedance	210 Ω
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Headphones output	3.5-mm stereo mini jack
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Analogue audio outputs

Maximum output power	50 mW + 50 mW (THD+N <0.1 % at 32 Ω)
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Recommended headphones impedance	16-400 Ω
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USB

Connector	USB Type-C
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Transfer format	USB 2.0 HIGH SPEED
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Device Class	Mass Storage Class USB Audio Class 2.0
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USB Audio

Sampling frequency	48 kHz, 96 kHz
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Quantization bit depth	24 bit, 32 bit float
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Number of inputs/outputs	2/2 channels
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Timecode input/output

Timecode input	3.5-mm stereo mini jack (Tip: Timecode IN, Ring: Not used, Sleeve: GND)
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Input impedance	≥ 10 k Ω
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Signal level range	0.5 to 5 V _{pp}
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Timecode output	3.5-mm stereo mini jack
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LTC selected

Terminal assignment	Tip: Timecode, Ring: Not used, Sleeve: GND
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Timecode input/output

Output impedance	600 Ω
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Output level	2 Vpp
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MIC LEVEL selected	
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Terminal assignment	Tip: Timecode, Ring: right channel, Sleeve: GND
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Output impedance	110 Ω
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Output level	40 mVpp
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Audio performance

EIN (equivalent input noise, mic preamp)	≤ -127 dBu
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Frequency response (input jacks to PCM data)	48 kHz: 20 Hz - 20 kHz, +0 dB / -0.5 dB 96 kHz: 20 Hz - 40 kHz, +0.5 dB / -1 dB 192 kHz: 20 Hz - 60 kHz, +0.5 dB / -3 dB
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Dynamic range (input jacks to PCM data)	≥ 132 dB (20-kHz SPCL LPF, A-weighting)
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Total harmonic distortion ratio (THD+N, input jacks to PCM data)	≤ 0.02 % (1 kHz sine wave, -1 dBFS input, GAIN at minimum, 20-kHz SPCL LPF)
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Battery operation time

Conditions	Stereo recording at 48 kHz, both input jacks used, continuous operation, in hours:minutes (JEITA CP-2905)
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Alkaline battery (Evolta)	
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09:00	Phantom power off, 24-bit resolution
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04:30	Phantom power on (48 V, 2 \times 3 mA), 32-bit float
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Battery operation time

NiMH battery (Eneloop)

08:30 Phantom power off, 24-bit resolution

05:30 Phantom power on (48 V, 2 × 3 mA), 32-bit float

Lithium battery (Energizer Ultimate Lithium)

15:00 Phantom power off, 24-bit resolution

10:00 Phantom power on (48 V, 2 × 3 mA), 32-bit float

Note: Operation times may vary depending on the microphones being used.

Power supply and other specifications

Power sources

3 AA batteries (alkaline, NiMH, lithium-ion)
USB bus power
TASCAM PS-P520U AC adapter (sold separately)

Power consumption

3.8 W (maximum)

Dimensions (W x H x D, overall)

99 mm × 80 mm × 40 mm

Weight

267 g (including batteries)
195 g (without batteries)

Operating temperature range

0-40 °C

Included items

Safety guide, Tascam ID registration guide