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RME Fireface 802 FS



Šifra: 19012
Kategorija prozivoda: USB Zvučne kartice
Proizvođač: RME

Cena: 208.680,00 rsd

Analog

AD, Line In 1-8, rear

Input: 6.3 mm TRS, electronically balanced
Signal to Noise ratio (SNR) @ LoGain: 116 dB (AES17), 118 dBA
Signal to Noise ratio (SNR) @ +4 dBu: 115 dB (AES17), 117 dBA
Frequency response @ 44.1 kHz, -0.1 dB: 8.9 Hz – 20.4 kHz
Frequency response @ 96 kHz, -0.5 dB: 4.3 Hz – 45.2 kHz
Frequency response @ 192 kHz, -1 dB: 3 Hz – 89 kHz
Filter: Short Delay Sharp, 5 / 5 / 6 samples delay
THD @ -1 dBFS: < -120 dB, < 0.0001 %
THD+N @ -1 dBFS: < -110 dB, < 0.00032 %
Channel separation: > 110 dB Maximum input level: +19 dBu
Input: 6.3 mm TRS jack, electronically balanced
Input impedance @ 1 kHz: 10 kOhm unbalanced, 10.6 kOhm balanced
Input sensitivity switchable between Lo Gain and +4 dBu
Input level for 0 dBFS @ Lo Gain: +19 dBu
Input level for 0 dBFS @ +4 dBu: +13 dBu
Variable digital gain: 0 to +12 dB
Minimum level for 0 dBFS: +1 dBu, -1.2 dBV

Microphone In 9-12, front
As AD, but:

Input: XLR, electronically balanced
Input impedance: 3.4 kOhm
Signal to Noise ratio (SNR): 113 dB RMS unweighted, 116 dBA
Gain range: 54 dB
Maximum input level, Gain +6 dB: +10 dBu
Maximum input level, Gain +60 dB: -44 dBu
CLIP LED: 0 dBFS
SIG LED: -42 dBFS

Instrument In 9-12, front
As AD, but:

Input: 6.3 mm TS jack, unbalanced
Input impedance: 1 MOhm

Signal to Noise ratio (SNR): 113 dB RMS unweighted, 116 dBA
Maximum input level, Gain +6 dB: +21 dBu
Maximum input level, Gain +60 dB: -33 dBu
Frequency response @ 44.1 kHz, -0.5 dB: 2.5 Hz – 20.8 kHz
Frequency response @ 96 kHz, -0.5 dB: 2.5 Hz – 25 kHz
Frequency response @ 192 kHz, -1 dB: 1.7 Hz – 36 kHz

DA - Stereo Monitor Output Phones (9-12)
As DA, but:

Output: 2 x 6.3 mm TRS stereo jack, unbalanced
Maximum output level at 0 dBFS: +17 dBu
Max power per channel @ 32 Ohm load, 0.02% THD: 200 mW (2.5 Vrms, +10 dBu)
Signal to Noise ratio (SNR): 116 dB (AES17), 118 dBA
Output impedance: 2 Ohm

DA, Line Out 1-8, rear

Output: 6.3 mm TRS jack, servo-balanced
Signal to Noise ratio (SNR) @ HiGain: 116.5 dB (AES17), 118.5 dBA
Signal to Noise ratio (SNR) @ +4 dBu: 116 dB (AES17), 118 dBA
Signal to Noise ratio (SNR) @ -10 dBV: 107 dB (AES17), 109 dBA
Frequency response @ 44.1 kHz, -0.1 dB: 0 Hz – 20.2 kHz
Frequency response @ 96 kHz, -0.5 dB: 0 Hz – 44.6 kHz
Frequency response @ 192 kHz, -1 dB: 0 Hz – 77.5 kHz
THD+N: < -110 dB, < 0.00032 %
Channel separation: > 110 dB
Output level switchable Hi Gain, +4 dBu, -10 dBV
Output level at 0 dBFS @ Hi Gain: +19 dBu
Output level at 0 dBFS @ +4 dBu: +13 dBu
Output level at 0 dBFS @ -10 dBV: +2 dBV (+4.2 dBu)
Output impedance: 75 Ohm

MIDI

1 x MIDI I/O via 5-pin DIN jacks
Galvanically isolated by optocoupled input
Hi-speed mode: Jitter and response time typically below 1 ms
Separate 128 byte FIFOs for input and output

Digital

Clocks: Internal, ADAT In, AES In, SPDIF In, Word Clock In
Jitter suppression of external clocks: > 50 dB (> 1 Hz)
Effective clock jitter influence on AD and DA conversion: near zero
PLL ensures zero dropout, even at more than 100 ns jitter
Digital Bitclock PLL for trouble-free varispeed ADAT operation
Supported sample rates: 28 kHz up to 200 kHz

Digital Inputs

AES/EBU

1 x XLR, transformer-balanced, galvanically isolated, according to AES3-1992
High-sensitivity input stage (< 0.3 Vpp)
SPDIF compatible (IEC 60958)
Accepts Consumer and Professional format
Lock range: 27 kHz – 200 kHz
Jitter suppression: > 50 dB (> 1 Hz)

ADAT Optical

2 x TOSLINK, format according to Alesis specification
Standard: 2 x 8 channels 24 bit, up to 48 kHz
Double Speed (S/MUX): 2 x 4 channels 24 bit 96 kHz
Quad Speed (S/MUX4): 2 x 2 channels 24 bit 192 kHz
Bitclock PLL ensures perfect synchronisation even in varispeed operation
Lock range: 31.5 kHz – 50 kHz
Jitter suppression: > 50 dB (> 1 Hz)

SPDIF optical (ADAT 1/2)

1 x optical, according to IEC 60958
Accepts Consumer and Professional format
Lock range: 27 kHz – 200 kHz
Jitter suppression: > 50 dB (> 1 Hz)

Word Clock

BNC, not terminated (10 kOhm)
Switch for internal termination 75 Ohm
Automatic Double/Quad Speed detection and internal conversion to Single Speed
SteadyClock guarantees super low jitter synchronization even in varispeed operation
Not affected by DC-offsets within the network
Signal Adaptation Circuit: signal refresh through auto-center and hysteresis
Overvoltage protection
Level range: 1.0 Vpp – 5.6 Vpp
Lock Range: 27 kHz – 200 kHz
Jitter suppression: > 50 dB (> 1 Hz)

Digital Outputs

AES/EBU

1x XLR, transformer-balanced, galvanically isolated, according to AES3-1992
Output level Professional 4.2 Vpp, Consumer 2.4 Vpp
Format Professional according to AES3-1992 Amendment 4
Format Consumer (SPDIF) according to IEC 60958
Single Wire mode, sample rate 28 kHz up to 200 kHz

ADAT

2 x TOSLINK, format according to Alesis specification
Standard: 2 x 8 channels 24 bit, up to 48 kHz
Double Speed (S/MUX): 2 x 4 channels 24 bit 96 kHz
Quad Speed (S/MUX4): 2 x 2 channels 24 bit 192 kHz

SPDIF optical (ADAT 1/2)

Format Consumer (SPDIF) according to IEC 60958
Sample rate 28 kHz up to 200 kHz

Word Clock

BNC
Max. output voltage: 5 Vpp
Output voltage @ 75 Ohm termination: 4.0 Vpp
Output impedance: 10 Ohm
Frequency range: 27 kHz – 200 kHz

General

Power supply: Internal switching PSU, 100 - 240 V AC, 30 Watt
Idle power consumption: 15 Watt
Typical power consumption: 22 Watt
Dimensions including rack ears (WxHxD): 483 x 44 x 242 mm (19" x 1.73" x 9.5")
Dimensions without rack ears/handles (WxHxD): 436 x 44 x 235 mm (17.2" x 1.73" x 9.3")
Weight: 2.8 kg (6.2 lbs)
Temperature range: +5° up to +50° Celsius (41° F up to 122°F)
Relative humidity: < 75%, non condensing

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.