

VF160 Digital Power Tool

Fostex®

Main Features

- An internal CD-RW drive—the CD-IA.
- .WAV file import/export via internal CD-RW
- ADAT Mixer Mode – when using PC/Mac-based audio/midi software and an ADAT audio card, the VF160 can be used as a full function mixer with its high-quality mic amps, digital EQ and effects processing available for inputs and simultaneous monitoring of the audio on the PC, each with its own fader.
- Scrub Zoom allows zooming-in of the current waveform display by up to 16 times, so that editing points can now be selected more precisely.
- Fader Pairing allows channels be paired or ganged in stereo sets i.e. Ch 1-2, 5-6, etc. and have the stereo level controlled by the odd numbered respective fader.
- Channel Solo allows any number of channels to be placed into solo mode quickly and easily.
- In addition to 'individual track' and '8 track' modes, Track Exchange is now enhanced to include 'stereo pair' exchange.
- BPM Delay will automatically calculate the feedback time of the delay according to any change of tempo as designated in the tempo map.
- Event Map Locate allows instant access to points displayed on the Event Map Screen.
- Locate to Last Rec Point will instantly return to the point where the last recording began.



Record. Mix. Burn.

Here's the next generation hard disk 16-track digital recording/editing/mixing/CD mastering power tool all wrapped up in one easy-to-use package. Based on the popular VF-16, the VF160 comes standard with a built-in CD-RW so you can burn CD's directly in the unit! No options, no gimmicks - simply record, master, and let it burn. The recording engine features a total of 16 tracks plus 8 virtual tracks for recording additional takes. The simultaneous 16-track recording to a large capacity 20GB internal E-IDE hard disk gives you hours of record time on all 16 tracks – all under the control of Fostex's clever FDMS-3 technology. This technology enables more efficient disk and CPU usage so you get more recording track minutes per drive— all without data compression, and with faster editing and DSP operations.





The VF160 also provides easy-to-operate non-destructive editing with a waveform display and newly added zoom feature for precise waveform editing.

The VF160's superb digital mixer provides 60mm faders for all 16 channels, 3-band EQ with parametric mid & high on all 16 channels, master EQ, channel and master compressors, 8 mic inputs (2 with XLR, inserts & phantom power), ADAT optical I/O, two effect sends and two aux sends per channel (switchable pre/post), and 99-mix Scene Memory.

Plus, the VF160 comes with two independent multi effect DSPs including a pre-set library with great sounding algorithms.

Affordably priced, easy to use, and with hours of record time, the all-in-one complete digital recording solution just got a whole lot better.

Check it out today at your Fostex Dealer.



Specifications

REC/PLAY

Recording media	Internal E-IDE 3.5" hard disk
Recording format	FDMS-3 (Fostex Disk Management System-3 ver. 1)
Sampling frequency	44.1kHz
Quantization	16bit linear (non compressed)
ADC	20bit 64-time oversampling Delta/Sigma
DAC	24bit 128-time oversampling Delta/Sigma
Recording time	depends on the HD capacity
Number of tracks	16 tracks + 8 additional tracks maximum 16 track play and simultaneous recording
Pitch control	+/- 6%
Crossfade	10ms
Frequency response	20Hz - 20kHz
Dynamic range	88dB or more
THD	0.01% (typical)
Crosstalk	60dB or more @1kHz
Equalizer	<Lo> 400Hz +/- 18dB (Shelving) <Mid> 500Hz - 20.2kHz +/- 18dB (Parametric) <Hi> 500Hz - 20.2kHz +/- 18dB (Parametric, Shelving)

INPUTS/OUTPUTS

Input (A-H) Connector	6mm TRS phone jack (unbalanced) Level -50dBV (mic) - +2dBV (line), variable Impedance 50k ohm or more
Input (G, H) Connector	XLR3-3I type (balanced) +48V phantom power & 6mm TRS phone jack (balanced) Level -50dBu (mic) - +2dBu (line), variable Impedance 1k ohm or more (XLR) 50k ohm or more (phone)
Insert x 2 Connector	6mm TRS phone jack (TIP: output / RING: input) Load Impedance 10k ohm or more Input/Output Level -10dBV
Monitor Out (L, R) Connector	6mm phone jack (unbalanced) Load Impedance 10k ohm or more Level -10dBV
Headphone Connector	6mm stereo phone jack Impedance 8 ohm or more Max. output 20mW or more @ 32Ω
AUX Send (1/2) connector	6mm TRS phone jack (TIP: send 1 / RING: send 2) Load Impedance 10k ohm or more Level -10dBV
Stereo Out (L, R) Connector	RCA pin jack Load Impedance 10k ohm or more Output Level -10dBV
Footswitch	6mm phone jack (Optional Model 805I)
Digital In/Out Connector	ADAT optical / S/P DIF
MIDI In/Out	2 x DIN 5 pin / MIDI Standard



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