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Find the *Digigram Vxpocket V2* at our website: ***Click HERE***

Digigram

Networking Your Sound





Laptop sound cards

Digigram VXpocket

Sophisticated audio applications on your laptop

Digigram VXpocket sound cards for laptops offer the power to perform serious audio production on laptop computers by presenting excellent audio quality plus compatibility with the most popular applications under Windows, Mac OS, and Linux.

If the possibility of running sophisticated audio applications on your laptop has sparked your imagination, this range of cards can turn your concept into a reality.

The two VXpocket models provide 24-bit performance with PC applications using Microsoft's WAVE protocol and ASIO, Mac applications using Core Audio and ASIO, as well as Linux applications using the ALSA standard.

Both cards feature one stereo SPDIF input and output allowing digital record/playback and an LTC (SMPTE) time-code input. A breakout cable is provided with XLR connectors for the analog inputs/outputs, phono connectors for digital and LTC, and a stereo mini-jack for headphone monitoring.

The VXpocket v2 has two balanced analog mono inputs at microphone or line level and two balanced analog outputs.

The VXpocket 440 has four balanced mic/line analog inputs and four balanced analog outputs. The number of active stereo inputs and outputs available varies with the sampling frequency and bit rate selected. The user may optimize performance based on user preferences for number of input/output, audio file format, and computer CPU usage.

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	VXpocket v2	VXpocket 440
Configuration		
Bus/Format	PC Card	PC Card
Size	Type II PC Card	Type II PC Card
Power consumption, operating (5 V)	400 mA	400 mA
Power consumption, standby (5 V)	<100 mA	150 mA
Operating: temp/humidity (non-condensing)	0°C/+50°C • 5%/90%	0°C/+50°C • 5%/90%
Storage: temp/humidity (non-condensing)	-5°C/+70°C • 0%/95%	-5°C/+70°C • 0%/95%
Inputs/outputs		
Analog inputs (stereo)	One balanced mic/line	Two balanced mic/line
Maximum line input level/impedance	+10 dBu/ > 10 kΩ	+10 dBu/ > 10 kΩ
Programmable mic input gain	+30 dB to +51 dB, in 3 dB steps	+30 dB or +48 dB
Programmable line input gain	Digital only	Digital only
Digital inputs (stereo)	One SPDIF	One SPDIF
Other inputs	LTC (SMPTE)	LTC (SMPTE)
Analog outputs (stereo)	One balanced	Two balanced
Maximum output/impedance	+10 dBu/low impedance	+10 dBu/low impedance
Digital outputs (stereo)	One SPDIF	One SPDIF
Programmable output level	Digital and analog	Digital and analog
Access to main status bits of digital frame	Yes	Yes
AES11 synchronization	Yes	Yes
Time Code (SMPTE LTC) input level	-20 dBu to +6 dBu	-20 dBu to +6 dBu
Time Code capture speed tolerance	±15%	±15%
Connectors	XLR for analog audio, phono for SPDIF and LTC,mini jack for headphone out	
Operating mode	Two-in/two-out full duplex	Selectable based on application. Four-in/four-out full duplex not supported in 24-bit
Audio specifications		
Sampling frequencies available	Variable from 8 kHz to 50 kHz in programmable steps	
A/D and D/A converter resolutions	24 bits	24 bits
Frequency response at 48 kHz (record + play)	20 Hz – 20 kHz: ±0.15 dB	20 Hz - 20 kHz: ±0.2 dB
Signal to noise ratio (unweighted)	>94 dB	>93 dB
Distortion + noise (record + play, ref. signal: +8dBu at 1kHz)	<-89 dB (0,0035%)	<-88 dB (0,004%)
Channel phase difference: 20 Hz/20 kHz	<0.2°/2°	<0.2°/2°
Analog channel crosstalk (inputs and outputs loaded)	<-90 dB	<-90 dB
Development environments		
Management	WAVE, DirectSound (limited to playback under Windows 2000), ASIO2, Sound Manager, Core Audio, ALSA	
OS supported	Windows 2000, XP, MacOS 9 and X, Linux	

Digigram

Networking Your Sound

Digigram (www.digigram.com) digital audio solutions are key to the success of public address and pro sound installations, as well as broadcast and media production companies worldwide. We develop innovative networked audio devices, computer sound cards, and audio management software.

Digigram Powered solutions are installed in thousands of radio and television stations; corporate and commercial sound installations; and audio recording and video post-production facilities around the globe.

Customers are served from three regional business units: Digigram SA (Digigram Headquarters, Montbonnot, France), Digigram Inc. (Arlington, VA USA), and Digigram Asia (Singapore). Digigram is publicly traded on the Paris stock exchange (Code ISIN: FR 00000 35784).

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