

GN 8120 USB



USB-to-headset adapter with superior performance and telephone-like simplicity

- Enhanced digital audio quality for all VoIP applications
- Fingertip call control buttons and visual LEDs
- Emergency calling, unrestricted access function
- Commercial-grade design for uncompromising durability and exceptional performance
- Desktop and laptop variants available
- Compatible with any GN Netcom (QD) headset

The GN 8120 USB is a digital USB-to-headset adapter that delivers superior audio quality and simplicity for your VoIP softphone. Convenient in-line softphone controls mean you can start enjoying quick, optimized use of your softphone application.

Superior audio performance

Digital Signal Processing (DSP) and SmoothStream™ technologies remove impurities from the call signal and improve the performance of even the most demanding VoIP applications.

Familiar telephone-like simplicity

With a simple button press, users can answer/end calls, put calls on hold, use speed dial, increase/decrease call volume and mute the microphone*. LED indicators quickly alert users to incoming calls as well as onhook/offhook, hold and mute status and new voice messages.

Investment protection

Commercial-grade design means durability and long-term reliability, even for the most demanding contact center environments.

*Basic call control functions vary depending on the IP softphone used.



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Sound Quality) Comfort) Durability)



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Feature	Benefit
Digital Signal Processing (DSP) and SmoothStream™ technologies	Provides superior audio quality, improving the performance of even the most demanding VoIP applications.
In-line call controls	A simple button press provides quick and easy access to the most common call functions. There's even quick, unrestricted access to 112/e911 emergency calling.
In-line visual indicators	Quickly alerts users to incoming calls, or when a new voice message is waiting.
Commercial-grade quality	Built for the most demanding contact centers, providing exceptional product performance.
Familiar, intuitive design	Raised digital volume rocker, recessed buttons and raised ridge markings beside buttons provide enhanced usability and simplified access for visually-impaired users.
Laptop and desktop variants	Designed to work with any VoIP application.
Compatibility with any GN Netcom (QD) headset	QD-compatibility gives users the flexibility to choose from any GN Netcom commercial-grade wireless or corded headset style.

Technical Specifications

Models	GN 8120 USB desktop - 122 cm (48") USB cable for desktop applications GN 8120 USB laptop - 40.6 cm (16") USB cable for laptop applications
In-line Call Control	3 digital buttons, 3 visual LEDs, 1 volume rocker
USB Interface	Compliant with USB 1.1 General and Audio Class specifications

Audio Specifications

Audio CODEC	8, 16, 24 bit PCM
Sampling rates	6.4 to 48 kHz
Signal-to-noise	-92 dB
Speaker channel frequency response	20-20,000 Hz Monaural
Microphone channel frequency response	20-9500 Hz Monaural
User-adjustable side tone	✓
SmoothStream™ audio, bass boost, auto gain control	✓

General Specifications

Headset cord	0.9-1.8 m (3-6 ft) coiled cord with GN Netcom Quick Disconnect
USB cable	GN 8120 USB desktop - 122 cm (48"), GN 8120 USB laptop - 40.6 cm (16")
Case material	ABS plastic
Case dimensions	107 mm (4.2") X 25 mm (1.0") x 22 mm (.87")
Weight (with supplied cables, no headset)	70 g (2.5 oz.)
Power	Supplied by USB port
Current Draw	< 10 mA power-down mode; approx. 100 mA operating
Safety	UL 1950, FCC Part 15 Class A/B, CE



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