



If you use a headset for both telephone and computer, GN Netcom has you covered, with the GN 8050-TCA. Not only does the GN 8050-TCA work with just about any phone with a modular connector, it also plugs right into any Sound Blaster-compatible PC and lets you switch between your phone and your computer with a single click. So it's the perfect amplifier for anyone who uses applications like computer-aided training or speech recognition.

And everything about the GN 8050-TCA showcases GN Netcom's technology leadership. With advanced features like Voice Switching to reduce background noise and maximize speech recognition performance. Voice Compression for a consistent, user-friendly volume level and top-of-the-line hearing protection. Our exclusive, user selectable battery-save feature. Plus an online indicator option that conveniently doubles as a headset stand.

Yet for all these advances, the GN 8050-TCA is as easy to set up as it is to use.

- Easily switch from telephone to computer
- Universal plug-and-play compatibility
- Advanced hearing protection
- Headset/handset switch
- Sliding volume control and clickless mute switch



GN 8050-TCA

THE FIRST UNIVERSAL COMPUTER/TELEPHONE AMPLIFIER.

The GN 8050-TCA is designed to work with any GN Netcom brand headset. For PC voice applications, we recommend using the following models:



GN 2120-NC

GN 2100 Flex headsets, feature a flexible boom and noise-canceling microphone. Also available in binaural (GN 2125-NC).



GN 2225

GN 2200 Omega™ headsets deliver professional performance at a surprising price. Also available in monaural (GN 2220).



405-FLEX-SF

The **Profile SureFit™** headsets meet the demands of PC voice applications. Where accuracy is most critical, nothing beats the performance of the Profile UNC SF, with the most effective noise-canceling microphone in the industry. And every Profile SureFit model gives you three interchangeable wearing styles—flexible earhook, earloop and headband.



405-UNC-SF



ADP-II

The **ADDvantage Plus** has become the industry standard, with its combination of great sound, lasting comfort and exceptional durability. Also available in monaural (ADP-I).



OPG-1N

Optima-G is the incredibly affordable headset with great sound, great looks and a light, low-profile design. Also available in binaural (OPT-2N).

TELEPHONE

Transmit Specifications

Normal Output:	-13 ± 3 dBV (transmit gain set to maximum)
Frequency Response:	250 Hz ~ 6 kHz
Distortion:	Less than 3%
Operating Current Range:	30 mA ~ 108 mA
Operating Terminal Voltage:	4 - 24 V DC Carbon, 1.85 V DC Electret
Polarity:	Non-polarity sensitive
Voice Switching Threshold:	72 ± 3.5 dB SPL
Voice Switching Depth:	19 ± 3 dB
Voice Switching Attack Time:	10 ± 5 mS
Voice Switching Release Time:	200 ± 50 mS

Receive Specifications

Input Impedance:	300 ± 20%
Output Level:	87 dB SPL
Normal Volume Control Range:	32 ± 4 dB
Compression Threshold Level:	-38 ± 3.5 dBV
Compression Attack Time:	10 ± 5 mS
Compression Release Time:	200 ± 50 mS
Compression Dynamic Range:	37 ± 3.5 dB
Frequency Response:	250 Hz ~ 6 kHz
Distortion:	Less than 5%
Acoustic Limiting:	< 112 dB SPL

COMPUTER

Transmit Specifications

Fixed Output Level:	-35.5 ± 3.5 dBV
Output Impedance:	600 Ω
Frequency Response:	200 Hz ~ 6 kHz

Receive Specifications

Output:	86 ± 3.5 dB SPL
Input Impedance:	5K
Computer Volume Control Range:	21 dB

General Specifications

Operating Temperature:	0° - 50°C
Safety Compliance:	CUL 1950, OSHA 29 CFR 1910. 95, FCC Part 68
Housing Material:	ABS
Host Phone Compatibility:	Carbon, Electret, AT&T 700, 800 and Call Master V, VI
Power:	4-24 V DC in position "G" 1.85 V DC Minimum in position "A"
Battery Life:	> 2500 hours
Low Battery Indicator:	1.5 kHz Tone every 6 seconds
Computer Interface :	Dual 3.5 mm Stereo Plugs

GN Netcom

For more information :

