



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.

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



For more information :