## **GN Netcom**



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**

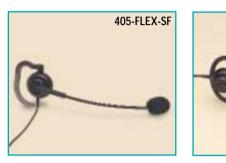
THE FIRST UNIVERSAL COMPUTER/TELEPHONE AMPLIFIER.



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



**The Profile SureFit**<sup>™</sup> 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.



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).



GN 2200 Omega™ headsets deliver

professional performance at a surprising

price. Also available in monaural (GN 2220).

**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

GN 2225

405-UNC-SF

#### Transmit Specifications

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:	$200 \pm 50 \text{ mS}$
<b>Receive Specifications</b>	
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

inalismit 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
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For more information: