



Device for Microsoft® Office Communicator 2007

# LG-Nortel USB Phone 8501 Datasheet

**A USB PHONE PROVIDING A SIMPLE HANDSET TO EXTEND PRESENCE AND VOICE FUNCTIONALITY FOR LOW-COST DESK USE AND FOR MOBILE WORKERS WITH A PC.**

## Great voice quality

- | Wideband audio and Microsoft RTAudio provides high-quality voice
- | Full-duplex speakerphone

## Easy to set up

- | Purely plug & play
- | No set up wizard or set up process

## Enhanced hands-free mode

- | Convenient hands-free mode
- | Cost effective tool for group discussion without professional expensive speakerphone

The USB Phone 8501 by LG-Nortel (Model : IP8501) is a cost effective, high quality USB type phone built for Microsoft® Office Communicator 2007. Adapt family design from the IP Phone 8540, can provide great voice conversation convenience for the users by offering the followings:

- | Windows® XP and Windows® Vista Compatible
- | Built for Microsoft® Office Communicator 2007
- | Wideband audio and Microsoft RTAudio support deliver crystal clear voice
- | Plug and play : no need to setup or driver download required
- | Presence indicator displays user's presence information
- | Hands-free button
- | Simple touch to change headset mode
- | Mute button



OPTIMIZED FOR

Microsoft®  
Office Communicator



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Component	Description
<b>System Requirements</b>	Microsoft® Office Communicator 2007 Installed PC Windows XP or Windows Vista Compatible
<b>Headset</b>	Compatible with industry amplified business headsets using an RJ-22 modular jack
<b>LED Indicator</b>	Active Call Indication (Off-Hook) Speakerphone Headset Voice Message Waiting Call Forwarding Multi-color LED indicator for log-in user presence status display
<b>Speaker phone</b>	Full-duplex, wideband (16-bit, 16,000 samples per second) audio support
<b>USB 2.0 Compliant</b>	<ul style="list-style-type: none"> <li>• Full speed (12 Mbps) device</li> <li>• USB Audio (Microphone / Speaker)</li> <li>• USB HID to support buttons &amp; LEDs</li> </ul>
<b>Codecs</b>	The following codecs are supported <ul style="list-style-type: none"> <li>• RT Audio wideband</li> <li>• MS RTAudio</li> <li>• G.711 <math>\mu</math>/A</li> <li>• SIREN</li> </ul>
<b>Audio Specs</b>	<ul style="list-style-type: none"> <li>• Dynamic range :&gt;80 dB(@1KHz )</li> <li>• Frequency Response : 30-20KHZ</li> <li>• Signal to noise ratio : 78 dB (@1KHz)</li> <li>• Total Harmonic Distortion + Noise :&lt;0.08% (@ 1KHz)</li> </ul>
<b>Enhanced Audio Quality</b>	<ul style="list-style-type: none"> <li>• Dynamic Noise Reduction</li> <li>• Acoustic Echo cancellation</li> <li>• Automatic Gain Control</li> </ul>

## Regulatory Information

Item	Region	Description
<b>Electric</b>	North America	UL60950-1 / CSA 22.2 No.60950-1
<b>Safety</b>	EU	EN 60950-1 / IEC60950
	Australia/New Zealand	AS/NZS60950-1
	Korea	MIC
	China	CQC
	Russia	GOST
<b>EMC</b>	USA	FCC Part 15 (CFR 47) Class B
	Canada	ICES-003 Class B
	EU	EN55022 Class B/EN55024
	Australia	AS/NZS CISPR22
	Japan	VCCI Class B
	Russia	GOST Class B
	China	CQC Class B

## Temperature/ Environment

Item	Description
<b>Operating Temperature</b>	14 ~ 104°F (-10 ~ 40°C)
<b>Relative Humidity</b>	80% (non-condensing)

## Physical Specification

Item	Description
<b>Dimensions</b>	3.5 x 5.5 x 5.0 Inch
<b>(H x W x D)</b>	(8.89 x 13.97 x 12.7 mm) : handset measurement exclude. Base station only
<b>Weight</b>	1.1 lb (2.43kg)