Checklist Headset

1 Product

Vendor	GN-Netcom
Source	GN-Netcom
Name	GN 6210 EU continental Bluetooth 01
Description	Mono over the ear style Bluetooth Headset with base station and charging unit. For use with Cellular and/or business desk telephones
Order ID device	6210-01
Name, Order ID USB adaptor	none
Name, Order ID IP200 adaptor	Not needed

2 Description

The GN6210 is a Bluetooth based wireless mono over-the-ear style headset with docking station. The docking station both works as a charger and adapter to the desk telephone.

Being Bluetooth, it also allows you to work with your cellular when not in the office. As opposed to many other Bluetooth devices, it can store two concurrent associations. This allows the user to switch from the base (attached to the IP200) in the office to her mobile when on the road, without reconfiguration.

2.1 Functions

Criteria	IP200	IP200A	IP100
Headset Detection works	No	No	n/a
Basic function „hearing" ok	Yes	Yes	Yes
Basic function „speaking" ok	Yes	Yes	Yes
Perceived volume similar to handset	Yes	Yes	Yes
Perceived volume at remote end ok	Yes	Yes	Yes
Comprehensibility of remote end	Acceptable	Acceptable	Acceptable
Comprehensibility at remote end	Ok	Ok	Ok
No background noise, no distortion		See remarks	
Comprehensibility also with strong background noises in the area		Not tested	
No echo in both directions	Yes	Yes	Yes
Sits firmly at the head	Yes	Yes	Yes

GN 6210 / vom 14.07.05 / gedruckt am 15.08.05

(erstellt am 28.06.05 von Christoph Künkel in G:\SOURCESAFE\TESTLAB\ZERTIFIZIERUNGEN_GN-NETCOM\GN6210.DOC, zuletzt geändert von incubator raum am 14.07.2005)

Sits conveniently at the head, even for longer use	Acceptable	Acceptable	Acceptable

2.2 Features

Criteria	Remarks
Mono (single sided) available	Yes
Duo (double sided) available	No
Micro flexible boom available	No
Micro fixed boom available	No
Over-the-head-style available	No
Over the ear available	Yes
Around the ear available	No
Miscellaneous	Incl. Docking station

2.3 Restrictions

The GN6210 features a remote hook switch, that is, you can accept and disconnect calls directly on the headset when not near to the telephone. However, this functions does not work with the IP200. To work around, you may use the GN1000 mechanical lifting device (see separate report).

3 Configuration

3.1 IP200

3.1.1 Connected directly to the IP200

The GN6210 can be connected to the headset port of the IP200 (despite what the user manual recommends). When using standard IP200 settings (that is, no tweaking of the analogue front end), we achieved best results when setting the selector switch to F, and both the microphone volume dial and the volume match dial to approx. 60%.

The headset detection does not work with the GN6210, so you have to enable the headset manually in the IP200's settings.

3.1.2 Used with the GN1000 lifting device

In that scenario, the GN6210 is to be tied in to the handset cord, as described in the manual. We achieved best results when setting the selector switch to A, and both the microphone volume dial and the volume match dial to approx. 60%.

You have to disable the headset manually in the IP200's settings.

3.2 IP200A

3.2.1 Connected directly to the IP200A

The GN6210 can be connected to the headset port of the IP200A (despite what the user manual recommends). When using standard IP200A settings (that is, no tweaking of the analogue front end), we achieved best results when setting the selector switch to F, the microphone volume dial to approx. 15% and the volume match dial to approx. 100%.

The headset detection does not work with the GN6210, so you have to enable the headset manually in the IP200's settings.

3.2.2 Used with the GN1000 lifting device

In that scenario, the GN6210 is to be tied in to the handset cord, as described in the manual. We achieved best results when setting the selector switch to A, the microphone volume dial to approx. 40% and the volume match dial to approx. 100%.

You have to disable the headset manually in the IP200A's settings.

3.3 IP100

3.3.1 Connected directly to the IP100

The IP100 does not feature a headset port, so the GN6210 will be tied in to the handset cord, as described in the manual. We achieved best results when setting the selector switch to A, the microphone volume dial to approx. 40% and the volume match dial to approx. 50%.

You have to switch off headset mode in the IP100's user settings.

3.3.2 Used with the GN1000 lifting device

The GN6210 is connected to the IP100 as in 3.3.1.

3.4 SoftwarePhone

Not tested. A more cost efficient solution would be to use a headset-only Bluetooth adapter (that is, without base station) in combination with a Bluetooth PC adapter. We have tested neither of these combinations.

4 Sales Channel

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5 Remarks

The GN6210 can be worn comfortably over a long period of time. The docking station provides for a convenient way of charging the headset while not in use. The voice quality is very good for the remote end (that is, the party you are talking to), while it is somewhat compromised at the local end. It is still fine for office use, but rather not sufficient for hard-core use such as in a call centre or the like. We found the quality more convenient when using the small silicon ear pads (come in the box). The coverage certainly depends heavily on the characteristics of the area. In our tests in a quite "standard" office environment, we found that it works seamlessly within 10m. For longer distances, a DECT based variant may be more appropriate.