

APPLICATION NOTES

IQ8050s - BlueTooth Headset – Repeater - IQ3122 Base Unit

Solve the problem of needing more range than wireless headsets can achieve by offering a DECT cordless handset IQ8050s registered to a Plantronics Voyager Pro Bluetooth headset, an RTX4002 DECT repeater and an IQ3122 DECT base unit connected to an analogue port of the PABX. The repeater should be positioned at a power point in a location where the signal can penetrate the area of coverage required, while also being in range of the base unit (FYI the IQ8050s handset has a hidden "site survey" mode so that you can measure the signal strength at any location: see the user manual on our website).

When using the above combination, calls can be answered and terminated by the button on the headset and also transferred between the Bluetooth headset and the IQ8050s handset.

The IQ3122 base unit can also support a second DECT handset or a second repeater, or alternatively by daisy chaining repeaters in two groups of three with one handset and base you can cover 70,000 square meters for that handset. In the Myer Chadstone store we covered all three floors of that building (including the offices, store rooms and loading dock) with only four repeaters!

The repeater can also be used with most models in our range of Gigaset cordless phones too. Our Gigaset price list indicates which models are repeater compatible.

The IQ8050s handset supports an optional Bluetooth module (needed for the above solution) and also a SIM card. The SIM card retains all personalised settings and contacts as a backup in case the handset ever needs to be replaced. In addition, the IQ8050s is rated at IP54 which makes it splash and dust resistant (great for health care!). It comes with a belt clip and can be worn in an optional pouch. All accessories mentioned here are on our website and in our price list.

The IQ8050s can also be used on the Alcatel integrated DECT system in place of the Alcatel cordless handsets. NOTE: for integrated system applications please order the "PBX" variant of the IQ8050s (order code IQ8050sPBX) as the firmware installed in the phone is different.

<http://www.interquartz.com.au/IQ8050s>

http://www.interquartz.com.au/Wireless_Phone_Jack

http://www.interquartz.com.au/RTX_4002P_Repeater

http://www.interquartz.com.au/PlantronicsMobileHeadsets#Voyager_Pro