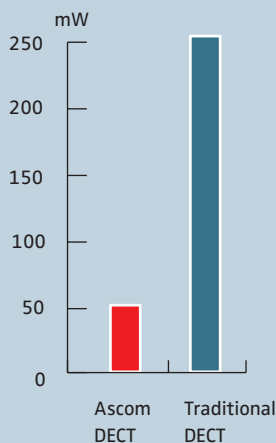


[FUNCTIONALITY SHEET]

Function: Dynamic output power

Ascom handsets such as d41/d62 and d81 and all future releases of DECT handsets are featured with the Dynamic Output Power technology.



DYNAMIC OUTPUT POWER ENVIRONMENTALLY FRIENDLY TECHNOLOGY

THE OUTPUT POWER CAN BE REDUCED BY 80%

- Saves energy
- Longer talk time
- Less equipment interference

Dynamic output power reduces the transmitting power from the handset depending on distance to the base station. That is, if the distance between a handset and a base station is short, the handset needs less power to communicate with the base station. Dynamic output power will not affect the performance of the handset.

Radio impact on equipment and machinery can pose a big problem for certain activities. This is particularly true in health care and other medical environments, but also in the types of sensitive production environments in industry. Here it is important to be able to hold down the radio power as much as possible.

Primarily GSM phones have earlier been able to vary the strength of radio signals the phone sends out and DECT has had a relatively low but not variable output power. Now this technology also exists for Ascom DECT phones, which means that the mean output power is lowered further. Like standard DECT phones they only send during calls and during a 1/24 of the time.

This makes the mean power to be 2mW – 10mW in each step during the call. At the lowest power state, it means a reduction to 1/5 of the output power compared with previous DECT phones.

Dynamic output power adjusts the power in three different levels – 250mW, 100mW and as low as 50mW – to not use more output power than needed.

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