

## Sangoma DC201 DECT Base + Handset System



Product Name: Sangoma DC201 DECT Base + Handset System

Manufacturer: Sangoma

Model Number: PHON-DC201E

### Sangoma DC201 DECT Base + Handset System

The Sangoma DC201 DECT Base + Handset package supports up to 20 users, giving your staff and colleagues the freedom and efficiency that a wireless DECT package brings. The DC201 package also features automatic provisioning with Sangoma's FreePBX and PBXact phone system for easy deployment and mass provisioning. Sangoma DC201 Package Key Features

- DECT Phone System Includes: 1 x DB20 DECT Base & 1 x D10 Handset
- Supports Up to 20 DECT Cordless Handsets (Additional Handsets Sold Separately)
- Up to 5 Simultaneous Calls
- Up to 8-hours Talk Time & 75-Hour Standby Time
- Autoprovision with FreePBX & PBXact Phone Systems
- TLS & SRTP Secure Encryption
- Range: Up to 50m Indoors

**Security** With TLS and SRTP encryption, you are guaranteed privacy and security in your wireless communications. **Auto-Provisioning** Cut down installation time thanks to the automatic configuration with Sangoma's FreePBX and PBXact range. The Sangoma DC201 uses a built-in EndPoint Manager auto-provisioning tool. **Long Range** Increased flexibility with up to 50 meters of indoor range between handset(s) and base station. **Supports Additional Handsets** Supports up to 20 DECT cordless handsets (additional handsets sold separately). **Talk/Standby Time** Enjoy long-lasting handset power with up to 8-hours talk time and 75-Hour standby time. **Complete DECT Solution** The DB20 DECT Base Station connects to local LAN network with the PBX, as the handsets communicate over a wireless DECT connection.

### Sangoma DC201 Package - Technical Specifications

#### D10 Handset

- 1.44" TFT display (128 x 128 x 64k) with graphical user interface
- Up to 2 simultaneous calls per handset
- Standby time: 75 hours
- Talk time: Up to 8 hours
- Range: Up to 50m indoors
- Headset connector (3.5mm)
- Handset selection for receiving call
- Handset and number selection for placing call
- Paging, intercom, auto answer, call hold, call transfer, 5-way conference, call waiting, mute, silence, DND, caller ID with name and number, anonymous call, anonymous call rejection, call forward, speed dial, voicemail, redial, message waiting
- indication and call history
- Wideband audio (G.722) support
- Graphical interface with selectable wallpaper
- Selectable polyphonic ringtones
- Local & remote phonebook support
- 1m drop protection
- IP-20 Ingress rated
- Wideband two-way speaker phone
- Handset automatically supports both North America and EU standards
- Firmware update

#### DB20 Base Station

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• Network

• Up to 5 simultaneous calls

• 1x RJ45 10 / 100M Ethernet port

• IP assignment: static / DHCP

• SIP v1 (RFC2543), v2 (RFC3261)

• SNTP / NTP

• VLAN (802.1Q and 802.1P)

• 802.1x, LLDP, PPPoE

• STUN client (NAT traversal)

• UDP / TCP / TLS

• Audio

• 5 Audio channels using G.726 /G.711Codec

• 4 audio channels using G.729

• 5 CAT-iq wideband audio channels using G.722

• RFC3711 SRTP

DECT (Between Base & Handset)

• Frequency band: 1880MHz&ndash;1930MHz (DECT)

• 1880 &ndash; 1900 MHz (10 carriers) Europe

• 1920 &ndash; 1930 MHz (5 carriers) US

• Four power levels (14, 17, 20 and 24 dBm)

## Sangoma DC201 DECT Base + Handset System

- Interoperability, Phase I (CAT-iq1.0)
- Authentication / encryption of base and handset

SIP (Between Base & IP-PBX)

- SIP
- RFC2833 In-Band DTMF / Out of band DTMF support
- RFC2976 The SIP INFO method
- RFC3261 compliance
- Digest / basic authentication
- RFC3263, DNS SRV redundant server support
- RFC3264 Offer / answer
- RFC3326 The Reason Header Field for SIP
- RFC3489 STUN
- RFC3515 REFER
- RFC3581 RPORT
- RFC3842, RFC3265 Message Waiting Indication, subscription for MWI events
- RFC3892 SIP Referred-By Mechanism
- RFC3960 Early Media and Ringing Tone
- Generation in SIP
- RFC 4028
- RFC 3311

Physical Specs

- AC adapter (Handset and base station)

- AC 100-240V Input

- DC 5V/600mA Output

- Handset dimensions

- 118 x 177 x 32mm (HxWxD)

- Base station dimensions

- 130 x 100 x 25.1mm (HxWxD)

- Operating humidity

- 10~95%

- Operating temperature

- -10~+40°C

## Sangoma DC201 DECT Base + Handset System

### DC201 Package Contents

• 1x DC20 base station  
• 1x DC10 handset with cradle

• 2x 5V AC power adaptors (For handset and base station)  
• Quick-start guide

### Approvals

• EN 301406 (TBR6)  
• EN 30176 -2 (TBR10)  
• EN60950 -1(Safety)

• IEC60950 -1  
• CSA c-CSA-us or UL60950 -1

• EN 301489 (EMC, ESD)  
• RF (EMF, SAR)  
• FCC part 15D, conducted and radiated  
• FCC part 15, ClassB  
• RSS213 (Canada)

**Price: £146.00**