

## 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

• Auto-provision 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

## Sangoma DC201 DECT Base + Handset System

• 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**

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