

Avaya 4000 Series DECT Handsets

Flexible DECT handset portfolio for enterprise mobility

Avaya 4000 Series DECT Handsets provide a wireless, in-building, private communications system ideal for on-site employees who either spend a large proportion of their time away from their desks or are perhaps without a dedicated office space.

The handset portfolio is compatible with Avaya Communication Server 1000 and Meridian 1 PBX; its various features and accessories facilitate operation in a wide range of business environments.

The DECT handsets are ergonomically designed, easy to use, lightweight, pocket-sized and cost-effective enterprise wireless phones. Moreover, it keeps you in constant communication wherever you happen to be on-site. The display illuminates, allowing the handset to be used in poorly lit conditions and

the internal loudspeaker enables handsfree operation with excellent sound quality.

The 4070 DECT Handset is top-of-the-range with its memory card option for subscription and personal data and the new 4027 DECT Handset a mid range wireless handset, ideal for on-site employees who are highly mobile and need a versatile handset. Their design is akin to current cellular phones.

The 4145Ex DECT Handset is an Intrinsically Safe handset for use in

the chemical, oil and similar industries where potentially explosive gases may be present. It is made to endure tough environments. The 4075 DECT Handset is a Rugged set specifically designed for use in manufacturing and warehousing and other industrial applications. It includes a "Man-down" alarm function and SOS key, contactless charger and the ability to charge a spare battery for shift working.

Benefits

- **Free to use internally:** no line- rental nor air-time charges
- **Same rate for external calls** as from normal wired phones
- **Reduce mobile cost:** Use DECT internally
- **Reduced phone bills:** more calls answered directly and fewer returned calls necessary
- **Flexible** to specific company requirements
- **Increased productivity** as business decisions can be made anywhere on-site by using the DECT handset



Avaya 4000 Series Handset features and characteristics

These handsets and features are applicable to both SIP DECT and traditional DECT.

Feature/handset	4070 DECT Handset	4027 DECT Handset	4145Ex DECT Handset	4075 DECT Handset
Type	Top-of-the-range, with SOS emergency key	Mid-range	Intrinsically Safe	Ruggedised handset with top of the range features, "SOS" key and "Man Down" alarm
Large alphanumeric display	<ul style="list-style-type: none"> Graphical Colour Display 128 x 160 pixels 10 lines 	<ul style="list-style-type: none"> Graphical Colour Display 128 x 128 pixels 8 lines 	<ul style="list-style-type: none"> 16 characters 4 lines 1 icon 3 text keys 	<ul style="list-style-type: none"> Graphical Colour Display, 128 x 160 pixels 10 lines
Visual voicemail and fax message waiting indication on handset with Avaya CallPilot	✓	✓	✓	✓
Supports DECT messaging	✓		✓	✓
Text messaging from set only	✓	N/A	N/A	✓
Built-in alerts for incoming calls	Including vibrating	✓	✓	Including vibrating
Calling line ID and calling party name display for effective screening	✓	✓	✓	✓
Name/number directory, including search facility	20 (100 Max with MEM card)	20	80	20 (100 Max with MEM card)
Pre-dial and number edit capability	✓	✓	✓	✓
Last number redial and caller list including dial-back	20 numbers	20 numbers	10 numbers	30 numbers
Electroluminescent backlight	Backlit	Backlit	Backlit	Backlit
Display	Colour	Colour	Monochrome	Colour
High-quality hands free	✓	✓	N/A	✓
Supports Avaya Communication Server 1000 features: Conference, Call Transfer, Call Forward, Call Hold, Call Pick-up, Call Park/Retrieve, Handset Twinning, Network Roaming	✓	✓	✓	✓
Microphone mute for privacy and reduced ambient noise	✓	✓	✓	✓
Extended battery life	10 hours/100 standby	12 hours/100 standby	15 hours/150 standby	10 hours/100 standby
Keypad locks for security and prevention of accidental dialling	✓	✓	✓	✓
User-selectable languages	English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish, Russian, Danish, Norwegian	English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish, Russian, Danish, Norwegian	English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish and Danish	English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish, Danish, Norwegian, Polish and Russian



Avaya 4000 Series DECT Handset additional features and characteristics for SIP DECT only

Feature/handset	4070 DECT Handset	4027 DECT Handset	4145Ex DECT Handset	4075 DECT Handset
Type	Top-of-the-range	Mid-range	Intrinsically Safe	Ruggedised handset with top of the range features, "SOS" key and "Man Down" alarm
Corporate directory	✓	✓	N/A	✓
Different melodies for internal and external calls	✓	✓	N/A	✓
Firmware upgrade over the air	✓	✓	N/A	✓
Time & Date synchronisation with CS 1000	✓	✓	N/A	✓

Avaya 4000 Series DECT Handset technical details

Feature/handset	4070 DECT Handset	4027 DECT Handset	4145Ex DECT Handset	4075 DECT Handset
Complies with	ETSI EN.301 406, EN 300 444, ETS300 175-1-8, EMC ETSI 3001 489-16, EMF Cen EN 50360, Safety IEC EN 60950-1 (DECT GAP compatible)	ETSI EN.301 406, EN 300 444, ETS300 175-1-8, EMC ETSI 3001 489-16, EMF Cen EN 50360, Safety IEC EN 60950-1 (DECT GAP compatible)	ATEX approved for Europe; IEC approval for other regions. EN 50014, EN 50020, EN 50281-1-1, EN 60529, IEC 60079-0 and IEC 60079-11	ETSI EN.301 406, EN 300 444, ETS300 175-1-8, EMC ETSI 3001 489-16, EMF Cen EN 50360, Safety IEC EN 60950-1 (DECT GAP compatible)
Operating frequency	1880–1990 MHz, 250 mW max transmitter output power	1880–1990 MHz, 250 mW max transmitter output power	1880–1990 Mhz, 250 mW max transmitter output power	1880–1990 MHz, 250 mW max transmitter output power
Battery type	Li Polymer cell 3.7v 650mAh	Li Polymer cell 3.7v 650mAh	N0024967 only	NiMH 3.6V 650MaH
Operating temperature	-5 to 45°C charging only above 5°C IP 50	-5 to 45°C charging only above 5°C IP 50	<ul style="list-style-type: none"> 0-40°C IP54 water and dust resistant 	-5°C to 45°C <ul style="list-style-type: none"> IP54 water and dust resistance
Dimensions	126 x 44 x 18 mm	126 x 44 x 18 mm	148 x 50 x 28 mm	126 x 46 x 22 mm
Weight	140g	140g	130g	120g
Display	262K, 128x160 pixel 1.8" TFT Colour LCD	262K, 128x128 pixel 1.8" TFT Colour LCD		

The handset portfolio is compatible with Avaya Communication Server 1000, SIP DECT & Meridian 1 PBX.

Avaya 4000 Series DECT Handset Accessories

The new 4000 Series DECT Handsets are complemented by a range of optional accessories. This allows different users to have different handset types depending on the features they need.

Belt clip	A removable swivel belt clip makes the handset easy to carry and easily accessible. The handset can be used with or without the clip, which is included in its package.
Carrying case	The carrying case with integral belt clip provides additional comfort and protection while wearing the handset. It provides an alternative to the standard belt clip delivered with the handset.
Desktop charger	The standard desktop charger charges handsets. It has an elegant design and comes with an AC/DC mains adapter.
Charger rack	The charger rack provides a multi-charging option for up to eight handsets simultaneously (6 handsets with 4075). The charger rack is suitable for wall mounting. The multi-charger comes with an AC/DC mains adapter.
Headset	4027 NTTQ36AAE6, N0096858: C4006 headset. (Monaural over the head type) 4070 DECT Handset, 4075 DECT Handset, Bluetooth.
Memory card	(MEM Card 4027, 4070 and 4075 DECT Handsets) to store subscription and personal data.
Rugged housing	Moulded rubber cover for 4027 DECT Handset and 4070 DECT Handset

About Avaya

Avaya is a global leader in enterprise communications systems. The company provides unified communications, contact centers, and related services directly and through its channel partners to leading businesses and organizations around the world. Enterprises of all sizes depend on Avaya for state-of-the-art communications that improve efficiency, collaboration, customer service and competitiveness. For more information please visit www.avaya.com.



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References to Avaya include the Nortel Enterprise business, which was acquired as of December 18, 2009.

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