

DECT Digital Cordless Telephones

Cordless phones and hearing aid compatibility

In general, the digital radio signal from DECT cordless telephones has the inherent problem that it can generate interference noise in hearing aids – just like with mobile phones. Hearing aid manufacturers continue to improve the design of hearing aids to reduce the pickup of unwanted noise, with the result that newer models are usually less susceptible to this interference. Cordless phone manufacturers are also improving the design of handsets by moving the aerial position and screening circuitry. Performance varies between models and it is a matter of reduction of interference, rather than elimination, but in most cases we would expect it to be fine.

Ultimately whether you can use your hearing aid successfully with a DECT telephone will be a personal decision.

Where a cordless phone has a headset socket which can be used with a neckloop it can be considered to be fully Hearing Aid Compatible.



The **Amplicomms PowerTel cordless** range all have good clear sound, volume boost button and tone control (referred to as Audio Assistant). The design is sleek and modern. The answerphone on the PowerTel 2780 model is particularly good, with a slow-down function on message playback, which makes voicemails easier to understand.

In our view the PowerTel cordless series are attractive phones, with a modern, conventional looking design. The streamlined handset is comfortable to hold and is well-made. The sound quality and volume are good and the equaliser tone options are effective. A recommended choice.

The **Geomarc AmpliDect 295** is a stylish amplified cordless phone with a good inductive 'T' signal and most hearing aid users will find the level of noise interference low enough to use directly with their 'T' pickup. It has adjustable volume and a boost button. The ringing sounds are nice and clear and the LCD screen has a large font. The answering machine has two modes: normal recording mode and simple mode, which will play a pre-recorded outgoing message but will not allow a caller to leave a message – particularly handy if you prefer to use email or text as you can record a message asking them to use an alternative contact method.

In the opinion of our evaluation panel, this is a well designed phone with a good sound quality. It does not have a tone control, which means that although it has a good level of amplification, the bass/treble cannot be adjusted to suit your particular hearing loss. Having said that, it is excellent value for money, particularly considering the answerphone facility which is useful for many people.

The **Geomarc AmpliDect 595** is available as a single and twin pack, both with an answerphone. This phone has a wide range of features, not seen on other phones, e.g. talking keys, SOS button. It has adjustable volume and tone and a speakerphone in both the base and the handset.

Our evaluation panel found this phone to be a feature-packed option that offers the flexibility to suit less demanding users too. Some people will find the blacklist function which blocks up to 20 unwanted numbers handy. The ability to dial and make speakerphone calls from the base stations is unique and very useful, particularly if you've mislaid the handset!

The **Doro PhoneEasy 100w** is a well designed, attractive, simple to use cordless phone with a good range of standard features and an easy-to-read display.

We feel the PhoneEasy 100w is a really good value-for-money choice. It offers all



the features you would expect and has good sound quality, at a really affordable price.

The **Doro Magna 2005** has a modern design with lots of nice features. The display is very clear and it has the ability to make speakerphone calls to 3 pre-stored numbers direct from the base station, although the speakerphone volume on the handset is louder than that on the base. The handset has a good loud listening volume and very loud ringer.

In our view, the Magna 2005 is a well-designed phone with a good volume. It is easy to use and we particularly like the display which is bright and clear.

Please go to next page for our DECT Cordless Phone feature ► comparison chart and phone prices.



Additional DECT handsets

Extra handsets with charging pod to give an extension phone in a cordless phone system – mains power is required, but they are not connected to a telephone socket.

PhotoDect 295 extra handset

For Geemarc AmpliDect 295 single, twin and combi.

This extra handset is great for people with dementia or memory loss. It needs to be added on to an AmpliDect 295 telephone as an extra handset but you can use this as the primary handset if preferred. Very clear and easy to use.



40TDECT295Y	VAT 2	
Each	inc VAT	ex VAT
1-9	£ 40.00	£ 33.33
10-19	£ 36.00	£ 30.00

AmpliDect 295 extra handset

For Geemarc AmpliDect 295 single, twin and combo.



40TDECT295X	VAT 2	
Each	inc VAT	ex VAT
1-9	£ 29.99	£ 24.99
10-19	£ 26.99	£ 22.49

PowerTel 2701 extra handset

For PowerTel 2700, 2702, 2780 & 2880 Combo.

40TAC2701	VAT 2	
Each	inc VAT	ex VAT
1-9	£ 59.99	£ 49.99
10-19	£ 53.99	£ 44.99



Doro Magna 2005 extra handset

For Doro Magna 2005.

40TDOMAG2X	VAT 2	
Each	inc VAT	ex VAT
1-9	£ 35.00	£ 29.17
10-19	£ 31.50	£ 26.25



The Phonak Dect II – a direct wireless link to both hearing aids

Hearing aid manufacturer Phonak have developed a cordless telephone that works by transmitting sound directly to your latest generation Phonak hearing aids, reducing noise and maximising understanding. See page 185 for more information or visit our website:

www.DeafEquipment.co.uk/phonak

Comparative listening loudness

While manufacturers of phones often give figures in decibels for the amplification levels of the phones, we don't quote these as there is no guarantee of consistency of measurement across manufacturers. Instead we have our own system of 'blobs' which give an indication of the maximum listening volume level in a comparative manner.

Our blob ratings are comparable across all our phones

Blob ratings

(approximate dB equivalent)

- 10 dB and above
- 20 dB and above
- 30 dB and above
- 40 dB and above
- 50 dB and above

Notes to the chart on pages 174-175 :

- 1 Requires subscription to 'Caller Display Service' (contact your telephone network operator to check availability and cost of this service before purchasing) and assumes caller's number is not being withheld.
- 2 In general, the digital radio signal from DECT cordless telephones has the inherent problem that it can generate interference noise in hearing aids – just like with mobile phones. Hearing aid manufacturers continue to improve the design of hearing aids to reduce the pickup of unwanted noise, meaning newer models are usually less susceptible to this interference. Cordless phone manufacturers are also improving the design of handsets by moving the aerial position and screening circuitry. Performance varies between models and it is a matter of reduction of interference, rather than elimination but in most cases we would expect it to be fine. Ultimately whether you can use your hearing aid successfully with a DECT telephone will be a personal decision.

DECT Digital Cordless Telephone Comparison Chart

	Amplicomms			Geemarc	
	PowerTel 2700	PowerTel 2702	PowerTel 2780	AmpliDect 295	AmpliDect 295 Twin
					
Number memory	100 phonebook			50 phonebook	
Large buttons	no			no	
Recall & redial buttons	✓			✓	
Call indicator light	✓			✓	
Page handset	✓			✓	
Vibrating pad	no			no	
Hearing aid compatible ²	probably			probably	
Headset socket	no			no	
Choice of ringing tones	10			10	
Ringing volume	base station: 5 steps + off handset: 6 steps + off			base station: 5 steps + off handset: 5 steps + off	
Max loudness – see p173	●●●●			●●●	
Amplification boost button	✓			✓	
Variable volume control	✓			✓	
Variable tone control	✓			no	
Handsfree speakerphone	✓			✓	
Mute button	✓			✓	
Caller ID ¹	✓			✓	
Backlit display colour	white			white	
Answerphone	no	no	✓	✓	
Wall mountable	no			no	
GAP compatible	✓ – up to 5 handsets in total			✓ – up to 5 handsets in total	
Extra handsets available	✓			✓ – standard or photo handset	
Combo package available	✓			✓	
Requires mains power	☹ yes			☹ yes	
Rechargeable handset batteries	3 x AAA, supplied			1 x battery pack, supplied	
Colour	grey			white	
Handset size	185 x 52 x 25mm			170 x 52 x 25mm	
Handset weight inc. batteries	163g			136g	
Pack type	Single	Twin	Single with answerphone	Single with answerphone	Twin with answerphone
	inc VAT ex VAT	inc VAT ex VAT			
Cost each qty 1-9	£ 79.99 £ 66.66	£ 124.99 £ 104.16	£ 89.99 £ 74.99	£ 49.99 £ 41.66	£ 79.99 £ 66.66
Cost each qty 10-19	£ 71.99 £ 59.99	£ 112.49 £ 93.74	£ 80.99 £ 67.49	£ 44.99 £ 37.49	£ 71.99 £ 59.99
Cost each qty 20+	£ 60.00 £ 50.00	£ 93.74 £ 78.12	£ 67.49 £ 56.24	£ 40.62 £ 33.85	£ 64.99 £ 54.16
Connevens part no.	40TAC2700	40TAC2702	40TAC2780	40TDECT295	40TDECT295T
					

Geemarc				Doro							
AmpliDect 595		AmpliDect 595 Twin		PhoneEasy 100w		PhoneEasy 100wt		Magna 2005		Magna 2005 Twin	
10 one-touch picture buttons on base & 50 phonebook				2 one-touch & 20 phonebook				3 one-touch & 100 phonebook			
✓				✓				no			
✓				✓				✓			
✓				✓				✓			
✓				✓				✓			
no				no				no			
probably				probably				probably			
no				no				no			
10				10				10			
base station: 6 steps handset: 6 steps				base station: 5 steps handset: 5 steps				base station: 5 steps handset: 5 steps			
●●●●				●●●				●●●●			
✓				✓				✓			
✓				✓				✓			
✓				✓				✓			
✓				✓				✓			
✓				✓				✓			
✓ – talking				✓				✓			
white				orange				white			
✓				no				✓			
no				no				no			
✓ – up to 4 handsets in total				✓ – up to 5 handsets in total				✓ – up to 5 handsets in total			
no				no				✓ (no answerphone)			
no				no				no			
☺ yes				☺ yes				☺ yes			
3 x AAA, supplied				3 x AAA, supplied				2 x AAA, supplied			
white				white				black			
189 x 55 x 20mm				180 x 55 x 30mm				168 x 52 x 25mm			
174g				157g				150g			
Single with answerphone		Twin with answerphone		Single		Twin		Single		Twin (Triple pk also available)	
inc VAT	ex VAT	inc VAT	ex VAT	inc VAT	ex VAT	inc VAT	ex VAT	inc VAT	ex VAT	inc VAT	ex VAT
£ 79.99	£ 66.66	£ 130.00	£ 108.33	£ 45.00	£ 37.50	£ 65.00	£ 54.17	£ 75.00	£ 62.50	£ 99.68	£ 83.07
£ 71.99	£ 59.99	£ 117.00	£ 95.70	£ 40.50	£ 33.75	£ 58.50	£ 48.75	£ 67.50	£ 56.25	£ 93.76	£ 78.13
£ 67.39	£ 56.16	£ 105.61	£ 88.01	£ 33.76	£ 28.13	£ 48.76	£ 40.63	£ 56.26	£ 46.88	£ 82.50	£ 68.75
40TDECT595		40TDECT595T		40TDO100W		40TDO100WT		40TDOMAG2		40TDOMAG2T	

Combo Package Telephones

All these packages include both a corded phone and a cordless handset – combining the best of both worlds! Both phones in a combo package work together with the corded phone acting as the base station for the cordless handset. Only the corded phone has to be connected to a phone socket but both require mains power.

Geemarc AmpliDect 295 Combi

A Combi package featuring the AmpliDect 295 cordless telephone and a corded phone with photo memories and answerphone.

The corded phone is a big button, easy to use phone with 3 picture direct dial buttons. It has a large clear screen and an answer phone, which can be very useful. The AmpliDect 295 is a well designed cordless phone with a modern look. Up to 4 additional cordless handsets (either standard AmpliDect 295 or PhotoDect 295) can be added for use with this set. The Combi has good sound quality and volume levels but it does not have a tone control, which means that although it has a good level of amplification, the bass/treble cannot be adjusted to suit your particular hearing loss.



40TDECT295C



In the opinion of our evaluation panel, the Geemarc AmpliDECT 295 Combi is good for a multi-user household as the corded phone offers big, clear buttons while the cordless handset has a more conventional look. Excellent value for money and a recommended choice.

Each	inc VAT	ex VAT
1-9	£ 89.99	£ 74.99
10-19	£ 80.99	£ 67.49
20+	£ 73.12	£ 60.93

Max loudness: ●●● (see page 173)

Amplicomms PowerTel 2880 Combo

The Amplicomms PowerTel 2880 Combo package has good volume levels and a high quality, modern design.

Featuring a corded telephone with 4 photo memory buttons and a cordless extra handset. It has a 100 entry phonebook memory, caller ID, a good quality speakerphone and an answerphone. The picture memory buttons are good for young children or those who struggle to remember numbers.

The phone has adjustable tone and volume, with a boost button (referred to as Audio Assistant). It also has a Quiet Mode where you can stop the phone ringing for a period of 1-12 hours and send all calls to answerphone. This is great if you don't always feel up to taking calls.

Up to 4 additional cordless handsets can be added to the PowerTel 2880

Combo, creating a telephone system that will cover the entire house.



40TAC2880



In our view the sound quality and volume of this phone is very good and the equaliser tone options are useful. The slow down feature on the answerphone is very handy. Combo package phones are always popular due to the flexibility they offer and this is the loudest Combo model in our range.

Each	inc VAT	ex VAT
1-9	£ 89.99	£ 74.99
10-19	£ 80.99	£ 67.49
20+	£ 67.49	£ 56.24

Max loudness: ●●●● (see page 173)

Amplicomms BigTel 1480 Combo with answering machine

The Amplicomms BigTel 1480 Combo has good volume levels and is simpler to use than the PowerTel range.

It is an easy-to-use cordless & corded phone combo package with a good clear sound, volume boost button and tone control. The BigTel corded phone has an integrated answering machine and four direct dial memory buttons. It is possible to intercom between the two phones and transfer calls from one to the other.

Designed specifically to be easy to use, the BigTel phones have a traditional design with good-sized buttons and a clear display with large text size.

A full range of standalone cordless BigTel phones is available online



40TAC1480



In our view the Amplicomms BigTel 1480 Combo is easy to use with a nice design. It has a good level of amplification and is a good choice if you're after a simple Combo package.

Each	inc VAT	ex VAT
1-9	£ 94.99	£ 79.16
10-19	£ 85.49	£ 71.24
20+	£ 71.26	£ 59.38

Max loudness: ●●● (see page 173)



Landline SOS Autodialing telephones

Geemarc Serenities Amplified Telephone with Emergency Response wristband

The Serenities amplified emergency SOS phone is a great option for anyone looking for added security. If you are a carer or you're simply someone who would like some extra peace of mind within your home, then this could be the phone for you.

Complete with big buttons, the Serenities corded telephone is hearing aid compatible with hearing aids set to the 'T' setting. With 4 levels of tone control as well as amplification up to 30dB, you can customise the audio settings to suit your own personal needs.

The SOS function enables you to press for help with one touch of a button when you need to contact someone urgently. The SOS button will auto-dial up to 5 chosen emergency numbers until one of them picks up. The SOS call will then play your personal recorded message to alert the recipient on the end of the line. The SOS wristband also allows you to activate the hands free function, which means you can answer the phone without picking up the receiver. *This feature is not suitable for use contacting the 999 emergency services.*



40TSEREN



Each	inc VAT	ex VAT
1-9	£ 96.60	£ 83.00
10-19	£ 89.64	£ 74.70
20+	£ 81.24	£ 67.70

The phone has a large alphanumeric display which is great for anyone who is visually impaired as well as a phonebook with up to 30 entries, adjustable extra loud ringer and a visual ringer flashing light.

In the opinion of our evaluation panel, this is a good choice for people with limited vision or dexterity as it has large, clear buttons. It is well made and easy to use.

Max loudness: ●●● (see page 173)

Please visit our website www.DeafEquipment.co.uk and search '40TSEREN' for more information including the product data sheet and user guide.

Geemarc Fall Detection Remote Alert for Serenities Telephone



This wrist remote is an optional extra for the Geemarc Serenities SOS phone and is designed to detect when someone falls over. After 20 seconds the remote will automatically trigger the SOS function on the Serenities phone.

The manual alarm can be triggered by pressing the button on the remote, meaning you can press for assistance after a tricky fall or loss of balance.

This remote alert gives additional peace of mind for users prone to bad trips or falls.

40TVBC4



Each	inc VAT	ex VAT
1-9	£ 129.60	£ 108.00
10-19	£ 116.64	£ 97.20
20+	£ 105.61	£ 88.01

Geemarc AmpliDect 295 SOS Pro with emergency pendant

An amplified cordless telephone with built in answering machine, hearing aid compatibility and emergency pendant that has two one-touch memory buttons as well as one SOS button.

The pendant, worn around your neck, allows you to answer incoming calls and converse hands free at the touch of a button. The two one-touch memory buttons located on the back of the pendant allow you to make direct calls to your favourite contacts and you can programme up to 4 emergency numbers which will be auto-dialled when you press the big red SOS button located on the front.

If your first emergency number does not answer within 60 seconds, it will ring through to the next number in the sequence and so on. You can also record a personal SOS message that will be played to your emergency contacts – otherwise a default message will be used. With an indoor range of 30 metres this is a good option for anybody who lives alone, who would like extra peace of mind in the event of an emergency situation or fall.

This feature is not suitable for use contacting the 999 emergency services.

The AmpliDECT 295 phone is an amplified cordless phone with an adjustable receiver volume of up to 30dB. It is a good choice for anybody with a hearing loss and comes with both adjustable speaker and ringer volumes.



40TDECT295S



Each	inc VAT	ex VAT
1-9	£ 130.00	£ 108.33
10-19	£ 117.00	£ 97.50
20+	£ 105.61	£ 88.01

In the opinion of our evaluation panel, this is a well designed phone with a good sound quality. It does not have a tone control, which means that although it has a good level of amplification, the bass/treble cannot be adjusted to suit your particular hearing loss. Having said that, it is excellent value for money, particularly considering the answerphone facility which is useful for many people.

Max loudness: ●●● (see page 173)

Please visit our website www.DeafEquipment.co.uk and search '40TDECT295S' for more information including data sheet and user guide.