



Connevens

*Solutions to improve the quality of life*

**These products may be purchased from Connevens Limited secure online store  
at [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk)**



**DeafEquipment.co.uk**

Solutions to improve the quality of life



Connevens offer a range of special feature telephones, all chosen with hard of hearing people in mind and each to fit a particular need.

## Corded Telephones



All the corded telephones in this section meet the British Standard for the minimum telecoil 'T' strength for inductive couplers – they are all hearing aid compatible.

The acoustic listening volume of the phones varies across the range. Our evaluation panel has categorised the phones to give an indication of volume levels (see chart). The following explains our choice although it is still important to check that the user will be able to benefit from these phones before purchasing.

### Will a hearing aid compatible telephone help?

As a rule of thumb, if a hearing aid user cannot have a conversation without lipreading (easily tried by covering your mouth) they are also unlikely to successfully hold a telephone conversation even using a hearing aid compatible telephone.

Visit [www.connevens.com](http://www.connevens.com) for a selection of FAQs that may help you to find an answer to your telephone queries.



### Corded telephones

The **Geemarc CL100** is designed to help those with a high frequency hearing loss, a problem affecting up to 95% of hearing impaired people. Those with high-frequency hearing loss can't hear sounds like "st" and "ch", so words like "stair" and "chair" sound like "air". Just increasing the volume doesn't always help because it amplifies all frequencies.

The Geemarc CL100 telephone features a built-in sound equaliser that selectively increases the volume of high or low frequency sounds. This equaliser should help those with a high-frequency hearing loss.

The **Geemarc CL1100** has features very similar to a CL100 & PhotoPHONE but with a more conventional look.

*Overall the CL100/1100 are our most popular models.*

The **Geemarc PhotoPHONE** has features very similar to a CL100 & CL1100 but with nine large memory buttons which can hold a photo or icon. This allows the user to simply press the photo button and it dials the number.

*The CL100, CL1100 & PhotoPHONE offer good levels of amplification and sound quality and are the choice for those who do not need the extra features of the other phones in the Geemarc range.*

The **Geemarc AmpliPOWER 40** is similar to the CL100 in features and in our view has a similar listening sound quality. Compared to the CL100 the AmpliPOWER 40 has a higher level of amplification, a louder ring and the added features of a speakerphone, an optional bed vibrator and an optional bone conduction handset.

*The AmpliPOWER 40 has excellent performance and some nice features specifically for deaf people. The boost volume level is very good.*

The **Geemarc AmpliPOWER 50** is similar to the AmpliPOWER 40 in features and sound quality. The only difference is the volume levels, which are exceptionally loud on the AmpliPOWER 50 at +60dB.

*As far as we know, this is one of the loudest corded amplified phones currently on the market. This phone is ideal for non-hearing aid wearers with a severe or profound hearing loss.*

The **Geemarc CL400** has a similar listening sound to the CL100/CL1100 but also includes a volume 'boost' in the handset which will increase the caller's speech still further on an occasional basis, for those difficult to hear words in an already amplified conversation. The CL400 has an illuminated screen for 'Caller ID' information (see note 1 on chart), that will also display the dialled number plus names and numbers stored in the memory. A particularly good feature for those who are slow dialing, is that number dialing/entry may be done 'on hook' without either lifting the handset or connecting to the exchange. The entered digits are displayed, allowing the number to be checked – especially useful when dialing international calls with long numbers. The CL400 is then connected to the exchange when either the handset is lifted or handsfree selected.

The **Geemarc CL1400** has features very similar to a CL400 but without the boost button and with a more conventional look without the large buttons.

*The CL400 and CL1400 are at the higher end of our range of domestic phones with excellent performance and lots of good features specifically for deaf people.*

The **BT BIG Button 100** telephone has amplification and an inductive 'T' coupler for hearing aids. It is visually well designed with a handset which is comfortable to hold. The operation is both easy to follow and straightforward to use.

*In our view, although it is good value for money this model has nowhere near the amplification & quality of the other telephones we offer.*

The **BT Converse** telephones have features intended for the business user. The facilities for hard of hearing people, i.e. amplification and the inductive 'T' coupler, in the Converse range are better than the BT BIG Button 100 but not as good as the Geemarc telephones.

*In our view the Converse range is more 'professional' looking phone, appropriate for small businesses rather than the domestic market and chosen for specific features.*

**Corded telephones – continued overleaf**



Geemarc AmpliPOWER 50

Geemarc CL400

Geemarc CL1400

BT BIG Button 100

BT Converse 1200

BT Converse 1300

Doro HearPlus 313ci



Doro HearPlus 317ci



Doro PhoneEasy Record 327cr



Amplicom PowerTel 58



**Corded telephones – continued**

The **Doro HearPlus 313ci** has good volume levels and offers useful features such as a caller ID display, 32 memory phone book and a speakerphone facility. It also has a volume boost button, not seen on the previous 313c model. The sound quality is clear with a nice smooth volume range. The 313ci also has large, high-contrast buttons which are clear and easy to use.

*The HearPlus 313ci has good volume and sound quality and represents excellent value for money – this phone is great for those who want a good level of amplification as well as high end features such as Caller ID display, at a lower price tag. It is worth noting however that this phone does not have tone control.*

The **Doro HearPlus 317ci** has excellent receiving and ringer volume levels. There is also an additional boost button to increase the caller's speech further. The sound quality is clear with a nice smooth volume range. It has large clear buttons and is sturdy yet comfortable to use. This phone is an updated version of the original 317c model which now features a hands free speakerphone. The handset has been specifically made to be chunky but light so that it is easy to hold. This phone has a large and easy to read backlit display which can be black on white or white on black. There is also a bright ringer strobe, tone adjustment and outputs to allow the use of a vibrator or headset/neckloop (not included).

*The Doro HearEasy 317ci has very good volume and sound quality. It has been very carefully designed to be robust yet easy and comfortable to use and is ideal for those with limited dexterity, strength or vision. The addition of a handsfree speakerphone gives this phone added appeal.*

The **Doro PhoneEasy Record 327cr** is amplified and has a nice clear sound. A built-in answerphone with a call screening facility is a feature not often seen in amplified telephones. It has 3 large memory buttons which can contain photos/icons for easy dialing.

*The PhoneEasy 327cr has good sound quality and in our view, the answerphone is a popular facility not found on other corded telephones, making this a welcome addition to the range. It is worth noting however that this phone does not have tone control.*

The **Amplicom PowerTel 58** has good volume levels and is full of popular features. It has a very large phonebook memory, caller ID, speakerphone and even an answerphone. The on-hook dialling and phonebook have a voice announce option for those with visual impairments and the buttons are large and clear. The phone has adjustable tone and volume, with a boost button. Especially nice is the User Profile feature which allows 3 users to pre-program their personal volume, tone and boost settings.

*In our view the Amplicom PowerTel 58 is a top-end, well designed phone, packed full of nice features for deaf people. The User Profile option is particularly useful, especially in a multi-user household.*

**Amplicom PowerTel 580 Combo**

If you like the PowerTel 58 corded phone but want the additional flexibility of a cordless handset, then this is the package for you! Both Combo phones have essentially the same features and additional handsets (PowerTel 501) can also be added.

Full details for the PowerTel Combo are on page 158.



**Comparative 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 volume level in a comparative manner.

**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

*Our blob ratings are comparable across both corded and cordless phones*

# Corded Telephone Comparison Chart

Continues overleaf

	Geemarc				
	CL100 	CL1100 	PhotoPHONE 	AmpliPOWER 40 	AmpliPOWER 50 
Number memory	12 one-touch	12 one-touch	9 large photo one-touch	12 one-touch	
Large buttons	yes	no	yes	yes	
'1471' last called button	no	no	no	no	
Recall & redial buttons	yes	yes	yes	yes	
Repeat redial	no	no	no	no	
Call indicator light	yes	yes	yes	yes – bright strobe	
Vibrating pad	no	no	no	optional	
Hearing aid compatible	yes	yes	yes	yes	
Choice of ringing tones	3	3	3	3	
Ringing volume	2 levels + off	2 levels + off	2 levels + off	2 levels + off	
Incoming speech amplification (ie. amplified phone)	yes	yes	yes	yes	
Max loudness – see page 154	●●●	●●●	●●●	●●●●	●●●●●
Amplification boost button	yes	yes	yes	yes to +40dB	yes to +60dB
Variable volume control	yes	yes	yes	yes	
Variable tone control	bass or treble boost	bass or treble boost	bass or treble boost	bass or treble boost	
Handsfree speakerphone	no	no	no	yes	
Mute button	no	no	no	yes	
On hook dialling	no	no	no	no	
Pre-dialling display	no	no	no	no	
Bone conductor handset	no	no	no	optional	
Headset socket	no	no	no	yes – 2.5mm	
Liquid crystal display	no	no	no	no	
Call timer	no	no	no	no	
Caller ID <sup>1</sup>	no	no	no	no	
Message indicator requires subscriber service	no	no	no	no	
Answerphone	no	no	no	no	
Wall mountable	yes	yes	yes	yes	
PBX Modes	P/T	P/T	P/T	P/T	
Memory batteries (not supplied)	■ 4 x AAA <sup>2</sup>	■ 4 x AAA <sup>2</sup>	■ 4 x AAA <sup>2</sup>	■ 4 x AAA	
REN	1	1	1	1	
Requires mains power 	no	no	no	 yes	
Colour	off white	charcoal or ivory	white	white	
Size in mm (without plinth/bracket)	220 x 200 x 85	220 x 165 x 80	220 x 165 x 80	220 x 200 x 85	
Weight	772g	740g	740g	772g	
Cost each qty 1	£ 32.65	£ 32.65	£ 32.65	£ 51.06	£ 84.99
Cost each qty 2-4	£ 31.35	£ 31.35	£ 31.35	£ 48.51	£ 80.77
Cost each qty 5-19	£ 29.70	£ 29.70	£ 29.70	£ 45.95	£ 76.52
Cost each qty 20+	£ 27.65	£ 27.65	£ 27.65	£ 41.49	£ 69.08
Connevens part no.	40TCL100	40TCL1100 (charcoal) 40TCL1100W (ivory)	40TCLPHOTO	40TPOWER40	40TPOWER50
					












<sup>1</sup> 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.

<sup>2</sup> Batteries may be fitted to increase ringer volume.

















## Corded Telephone Comparison Chart

	Geemarc		BT	
	CL400 	CL1400 	Big Button 100 	Converse 1200 
Number memory	11 one-touch & 99 stored	3 one-touch & 99 stored	3 one-touch	10 one-touch
Large buttons	yes	no	yes	no
'1471' last called button	no	no	no	no
Recall & redial buttons	yes	yes	yes	yes
Repeat redial	no	no	no	no
Call indicator light	yes – bright strobe	yes	yes	yes
Vibrating pad	optional	optional	no	no
Hearing aid compatible	yes	yes	yes	yes
Choice of ringing tones	4	4	3	off/low/high
Ringing volume	2 levels + off	2 levels + off	2 levels + off	2 levels + off
Incoming speech amplification (i.e. amplified phone)	yes	yes	either incoming or outgoing	yes
Max loudness – see page 154	●●●	●●●	●●	●
Amplification boost button	yes	yes	no	no
Variable volume control	yes	yes	yes	yes
Variable tone control	bass or treble boost	bass or treble boost	no	no
Handsfree speakerphone	yes	yes	yes	yes
Mute button	yes	no	yes	yes
On hook dialling	yes	yes	yes	yes
Pre-dialling display	yes	yes	no	no
Bone conductor handset	optional	no	no	no
Headset socket	yes – 2.5mm	yes – 2.5mm	no	yes – RJ11
Liquid crystal display	yes	yes	no	no
Call timer	yes	yes	no	no
Caller ID <sup>1</sup>	yes	yes	no	no
Message indicator requires subscriber service	yes	yes	yes	yes – Meridian systems only
Answerphone	no	no	no	no
Wall mountable	yes	yes	yes	yes
PBX Modes	P/T	P/T	TE/TB	P/T/TB
Memory batteries (not supplied)	■ 4 x AAA	■ 4 x AAA	■ 4 x AA	■ 3 x AA supplied
REN	1	1	1	1
Requires mains power 	 yes	 yes	no	no
Colour	charcoal	charcoal and ivory	chalk white	chalk white
Size in mm (without plinth/bracket)	240 x 200 x 100	220 x 165 x 80	234 x 205 x 85	230 x 164 x 88
Weight	1.06Kg	853g	912g	725g
Cost each qty 1	£ 66.90	£ 66.90	£ 23.20	£ 31.34
Cost each qty 2-4	£ 64.68	£ 64.68	£ 22.20	£ 31.34
Cost each qty 5-19	£ 61.27	£ 61.27	£ 21.20	£ 30.90
Cost each qty 20+	£ 55.31	£ 55.31	£ 19.99	£ 30.14
Connevens part no.	40TCL400	40TCL1400 (charcoal) 40TCL1400W (ivory)	40TBIGB100	40TC1200
				

<sup>1</sup> 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.

BT		Doro			Amplicom	
Converse 1300	HearPlus 313ci	HearPlus 317ci	PhoneEasy Record 327cr	PowerTel 58	PowerTel 580 Combo – corded features	
						
100 stored	2 one-touch & 32 stored	4 one-touch	3 large photo one-touch	3 one-touch & 200 stored		
no	yes	yes	yes	yes		
no	no	no	no	no		
yes	yes	yes	yes	yes		
yes	no	no	no	no		
yes	yes	yes – bright strobe	yes	yes		
no	no	optional	no	optional		
yes	yes	yes	yes	yes		
3	3	9	1	10		
3 levels + off	3 levels + off	3 levels + off	2 levels + off	5 levels + off		
yes	yes	yes	yes	yes		
●	●●●	●●●●	●●	●●●		
no	yes	yes	no	no		
yes	yes	yes	yes	yes		
no	no	bass or treble boost	no	bass or treble boost		
yes	yes	yes	no	yes		
yes	no	no	no	yes		
yes	yes	yes	no	yes – with optional voice announce		
yes	yes	yes	no	yes		
no	no	no	no	no		
yes – RJ11	no	yes	no	yes – 2.5mm		
yes	yes	yes	no	yes		
yes	yes	yes	no	yes		
yes	yes	yes	no	yes		
yes	no	no	no	no		
no	no	no	yes	yes		
yes	yes	no	yes	yes		
P/T/TB	P/T	P/T	P/T	P/T		
■.4 x AA	■.4 x AA	■.4 x AA	■.4 x AA	none		
1	1	1	1	1		
no	☺ yes	☺ yes	☺ yes	☺ yes		
alpine white	white	white	white	charcoal grey		
230 x 198 x 78	175 x 170 x 80	200 x 215 x 120	175 x 170 x 80	170 x 200 x 80	175 x 200 x 80	
930g	769g	1.15Kg	649g	853g	887g	
£ 42.50	£ 38.29	£ 76.59	£ 34.03	£ 59.57	£ 102.12	
£ 42.50	£ 36.38	£ 72.76	£ 32.33	£ 56.59	£ 97.01	
£ 41.00	£ 34.46	£ 68.93	£ 30.63	£ 53.61	£ 91.91	
£ 39.44	£ 28.71	£ 57.44	£ 25.53	£ 44.68	£ 76.59	
40TC1300	40TDO313CI	40TDO317CI	40TDO327	40TAC58	40TACCOMBO	
						

Full information, user guides etc. may be found on each product at our website [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk)



## CLA4 Direct Vibe bone conduction handset

Optional handset for CL400, AmpliPOWER 40/50 & CL200+ (now discontinued)

Designed to help people with a conductive loss – used by gently pressing it against the bone on the temple or behind the ear allowing the sound to travel by bone conduction to the cochlea.

Normally hearing people can use the phone with the handset which gives a slightly unusual 'distant' sound.

*Our evaluation panel all found the bone conduction good, although it required some trial and error to find the best bone conduction position.*

(will NOT work with CL100, CL1100, PhotoPHONE or CL1400).

40TCL2BONE £ 16.50 each



## Vibrator for CL400/CL1400, CL200+ AmpliPOWER 40/50



Optional vibrating pad for CL400/CL1400, AmpliPOWER 40/50 and CL200+.

40TCL2VIB  
£ 11.90 each



## Amplicom PowerTel 580 Combo

The Amplicom PowerTel 580 Combo package has good volume levels and is full of popular features. What's more, it includes both a corded phone and a cordless handset – combining the best of both worlds!

It has a very large phonebook memory, caller ID, speakerphone and even an answerphone. The on-hook dialling and phonebook have a voice announce option for those with visual impairments and the buttons are large and clear.

The phone has adjustable tone and volume, with a boost button and especially nice is the User Profile feature which allows users to pre-program their personal volume, tone and boost settings – you can have 3 user profiles on the corded phone and 2 on the cordless handset.

The PowerTel 580 Combo combines the features of the PowerTel 58 corded phone and the PowerTel 500 cordless telephone with each part shown in their respective comparison chart.

*In our view the Amplicom PowerTel 580 Combo is a top-end, well designed phone package, packed full of nice features for deaf people. The User Profile option is particularly useful, especially in a multi-user household. We particularly like this Combo package which combines the best of both worlds – corded AND cordless!*

40TACCOMBO Qty 1 £ 102.12 each Qty 2-4 £ 97.01 each  
Qty 5-19 £ 91.91 each Qty 20+ £ 76.59 each



### Amplicom PowerTel 501

Additional DECT cordless extra handset (without answerphone).

40TAC501 £ 42.54 each



Cordless boost button



Strobe light call indicator

## Telephone FAQs

### "My friend wears a hearing aid but relies a lot on lipreading, what telephone would you recommend?"

As a rule of thumb if a hearing aid user cannot have a conversation without lipreading (easily tried by covering your mouth) they are also unlikely to successfully hold a telephone conversation with a hearing aid compatible telephone. Hearing aid compatible telephones rely on the user's hearing aids and whilst some telephones give some extra boost in practice this simply helps counteract the loss of speech quality down a telephone line. If you have any concerns about the effectiveness of hearing aids with telephones or other equipment we suggest that you contact your audiologist or hearing therapist for advice or assessment.

### "Can I use my textphone or 'T' coil telephone on an office digital exchange?"

None of the textphones/telephones are digital but if a conventional telephone, pc modem or FAX can be used

at an extension then YES a textphone or hearing aid compatible telephone can be connected.

Most modern telephone systems can have an extension configured to use a Plain Ordinary Telephone. You will also probably be able to use a doubler and have (say) both a textphone and pc modem on the same extension too. Lastly don't forget that it is possible to use an acoustic coupled textphone if you are not able to have a direct connection.

### "I have a digital hearing aid, does that mean that I also need a digital phone?"

No – 'T' coils in analogue and digital hearing aids work just the same.

### "When listening on 'T' where should I hold the handset?"

Hold the handset in the usual manner and experiment with moving the earpiece above and below your hearing aid. You will find this changes the volume, simply choose the best sound for you.