



Connevens offer a range of special feature telephones, all chosen with hard of hearing people in mind. We have split the phones in this section into different categories to make the choice easier. The corded phones are divided into those with big buttons and those with 'conventional' sized buttons. We also have a range of cordless DECT phones and some Combo packages that have both a corded and cordless phone, giving the best of both worlds.



## Corded Amplified Telephones

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

The acoustic listening volume of the phones varies across the ranges. Our evaluation panel has given their comments and categorised the phones to give an indication of volume levels (see charts). For guidance on how to choose a new telephone, please see our Deaf Equipment Explained guide which can be downloaded from [www.connevens.info/guide](http://www.connevens.info/guide).



### 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.

### Big button amplified 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 PhotoPHONE 100** has features very similar to a CL100 but with eight 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 & PhotoPHONE 100 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 CL455** has a similar listening sound to the CL100 but with lots of extra features. The CL455 has an answerphone which has a really handy function where you can replay messages at real speed or slowed down to make them easier to understand.



*Corded telephones – continued overleaf*



BT BIG Button 200



Doro HearPlus 313ci



Doro HearPlus 317ci



Amplicomms PowerTel 30



Amplicomms PowerTel 49



Amplicomms PowerTel 60



Amplicomms PowerTel 58

### Corded telephones – continued

It also has a 'talking' phonebook, keypad and caller ID (see note 1 on chart), good for those with visual impairments. It has a nice bright backlit keypad and a clear display with adjustable font size. Other unique features include the option to have different ringing volumes set for day and night-time and to plug in either a headset with a 2.5mm plug or a neckloop with a 3.5mm plug.

*In our view, the CL455 is a really nice phone with lots of useful and unusual features. An answerphone is always a popular facility and the ability to plug in different listening devices such as a neckloop, direct input leads, headphones or even a radio aid, makes this a flexible phone with many different applications.*

The **BT BIG Button 200** telephone has basic amplification. It is visually well designed with a handset which is comfortable to hold. The operation is both easy to follow and straightforward to use. Some people find the '1571' indicator useful.

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

The **Doro HearPlus 313ci** has good volume levels with a boost button and useful features such as caller ID display, 32 memory phone book and a speakerphone facility. 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 good 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. The handset has been specifically made to be chunky but light so that it is easy to hold. This phone has a hands free speakerphone and a large and easy to read display which can be black on white or white on black.

*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 **Amplicomms PowerTel 30, 49 and 60** all have large, clear buttons with an optional backlight and a clear display. The volume levels are very good and these phones are excellent value for money. The PowerTel 30 has volume similar to the CL100, the PowerTel 49 has volume similar to that of the AmpliPOWER 40; while the PowerTel 60 joins the AmpliPOWER 50 in the small group of ●●●●● phones – the loudest on the market!

*The PowerTel 49 and 60 are recommended for non-hearing aid wearers with a severe or profound hearing loss.*

The **Amplicomms 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 Amplicomms 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.*

## Conventional button amplified corded telephones

The **Geomarc CL1100** is an old favourite that has been brought back due to popular demand! The sound quality and volume is very similar to the CL100. The colour is now bright white rather than ivory.

*The CL1100 offers a good level of amplification and sound quality and would be a recommended choice for someone who doesn't need the more advanced features of the other phones in the range.*

The **BT Converse 2200** and **2300** telephones have features particularly useful for the business user. Both phones have plenty of memory buttons and a handsfree speakerphone.

*The 2200 and 2300 replace the previous 1200 & 1300 models and the sound quality has been improved however the BT phones still don't offer the same level of amplification (or tone control) as the other phones in our range.*

The **Doro Syntiro 912c** and **915c** are similar, attractive phones. The 912c is a uncomplicated phone which will suit many users, especially because it doesn't need mains power. The 915c has more features such as a speakerphone, LCD display and Caller ID. Both have good volume levels and an effective tone control.

*In our view the 912c is a nice straightforward phone, giving a good volume level. The 915c is has additional useful features including a 30-entry phonebook. A Syntiro phone would be a good choice if you require a conventional-looking phone.*



Geomarc CL1100

BT Converse 2200

BT Converse 2300

Doro 912c Syntiro

Doro 915c Syntiro

### Combo Phone Packages



If you like the reliability of a corded phone but want the additional flexibility of a cordless handset, then these are the packages for you! Both phones in the package work together and additional handsets can also be added.

Full details for the Combo packages are on page 181.

### 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*

## SPECIAL DISCOUNT for catalogue sections 7-12

Calling all regular & new account customers!

If you are a Social Services or Community Equipment Services please contact Richard or Phil to discuss setting up a minimum discount of 10% (off the single price).

Call **01737 247571** today or email **richard** or **phil@connevans.com**





## Big Button Corded Telephone Comparison Chart

	Geemarc				
	CL100 	PhotoPHONE 100 	AmpliPOWER 40 	AmpliPOWER 50 	CL455 
Hearing aid compatible	✓	✓	✓	✓	✓
Incoming speech amplification (ie. amplified phone)	✓	✓	✓	✓	✓
Max loudness – see page 177	●●●	●●●	●●●●	●●●●●	●●●
Amplification boost button	✓	✓	✓ to +40dB	✓ to +60dB	✓
Variable volume control	✓	✓	✓	✓	✓
Variable tone control	bass or treble boost	bass or treble boost	bass or treble boost	bass or treble boost	bass or treble boost
Handsfree speakerphone	no	✓	✓	✓	✓
Mute button	✓	✓	✓	✓	✓
Ringing volume	2 levels + off	2 levels + off	2 levels + off	2 levels + off	3 levels + off
Choice of ringing tones	3	3	3	3	11
Call indicator light	✓	✓	✓ – bright strobe	✓	✓
Vibrating pad	no	no	optional	optional	optional
Quick dial memory buttons	12 one-touch	8 large photo one-touch & 3 normal	12 one-touch	12 one-touch	9 one-touch
Phonebook	no	no	no	no	49 entries
Liquid crystal display	no	no	no	no	✓
Call timer	no	no	no	no	✓
Caller ID <sup>1</sup>	no	no	no	no	✓
On hook dialling	no	no	no	no	✓
Answerphone	no	no	no	no	✓
Headset socket	no	no	✓ – 2.5mm	✓ – 2.5mm & 3.5mm	✓ – 2.5mm & 3.5mm
PBX Modes	P/T	P/T	P/T	P/T	P/T
Wall mountable	✓	✓	✓	✓	✓
Memory batteries (not supplied)	■ 4 x AAA <sup>2</sup>	none	■ 4 x AAA	■ 4 x AAA	none
Requires mains power	no	no	☹ yes	☹ yes	☹ yes
Colour	white	white	white	white	blue/grey
Size in mm (excl. plinth/bracket)	220 x 200 x 85	240 x 195 x 80	220 x 200 x 85	220 x 200 x 85	240 x 200 x 100
Weight	772g	740g	772g	772g	1.06Kg
Cost each qty 1-9	£ 32.65	£ 24.99	£ 49.99	£ 83.33	£ 66.66
Cost each qty 10-19	£ 29.39	£ 22.49	£ 44.99	£ 75.00	£ 59.99
Cost each qty 20+	£ 27.08	£ 20.30	£ 40.61	£ 67.70	£ 54.16
Connevens part no.	40TCL100	40TCLPHOTO1	40TPOWER40	40TPOWER50	40TCL455
					

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.



BT	Doro		Amplicomms			
Big Button 200	HearPlus 313ci	HearPlus 317ci	PowerTel 30	PowerTel 49	PowerTel 60	PowerTel 58
✓	✓	✓	✓			✓
incoming or outgoing	✓	✓	✓			✓
●	●●●	●●●●	●●●	●●●●	●●●●●	●●●
✓	✓	✓	✓			✓
✓	✓	✓	✓			✓
no	no	bass or treble boost	treble cut			bass or treble boost
✓	✓	✓	✓			✓
no	no	no	no			✓
2 levels + off	3 levels + off	3 levels + off	2 levels + off			5 levels + off
3	3	9	1			10
✓	✓	✓ – bright strobe	✓			✓
no	no	optional	optional			optional
3 one-touch & 10 two-touch	3 one-touch & 10 two-touch	4 one-touch	2 one-touch & 10 two-touch			3 one-touch & 10 two-touch
no	30 entries	no	32 entries			50 entries
no	✓	✓	✓			✓
no	✓	✓	✓			✓
no	✓	✓	✓			✓
✓	✓	✓	✓			✓ – with optional voice announce
no	no	no	no			✓
no	no	✓ – non-standard	no			✓ – 2.5mm
T	P/T	P/T	P/T			P/T
no	✓	no	✓			no
4 x AA	4 x AAA	4 x AAA	4 x AA			none
no	☺ yes	☺ yes	☺ yes			☺ yes
white	white	white	graphite grey			silver
192 x 170 x 107	175 x 170 x 80	200 x 215 x 120	175 x 205 x 80			170 x 200 x 80
735g	769g	1.15Kg	585g			853g
£ 23.34	£ 37.50	£ 75.00	£ 33.33	£ 41.66	£ 58.33	£ 49.99
£ 21.50	£ 33.75	£ 67.50	£ 30.00	£ 37.49	£ 52.50	£ 44.99
£ 20.55	£ 28.13	£ 56.25	£ 25.00	£ 31.25	£ 43.75	£ 37.49
40TBIGB200	40TDO313CI	40TDO317CI	40TAC30	40TAC49	40TAC60	40TAC58
			2	2	2	2

2. Batteries may be fitted to increase ringer volume.



## Conventional Button Coded Telephone Comparison Chart

	Geemarc	BT		Doro	
	CL1100 	Converse 2200 	Converse 2300 	912c Syntiro 	915c Syntiro 
Hearing aid compatible	✓	✓	✓	✓	
Incoming speech amplification (ie. amplified phone)	incoming and outgoing	✓	✓	✓	
Max loudness – see page 177	●●●	●●	●●	●●●	
Amplification boost button	✓	✓	✓	✓	
Variable volume control	✓	✓	✓	✓	
Variable tone control	bass or treble boost	no	no	bass or treble boost	
Handsfree speakerphone	no	✓	✓	no	✓
Mute button	✓	✓	✓	✓	no
Ringing volume	2 levels + off	2 levels + off	3 levels + off	2 levels + off	2 levels + off
Choice of ringing tones	3	3	3	3	3
Call indicator light	✓	✓	✓	✓	
Vibrating pad	no	no	no	no	optional
Quick dial memory buttons	12 one-touch	11 one-touch	10 one-touch	3 one-touch & 10 two-touch	8 one-touch
Phonebook	no	no	100 entries	no	30 entries
Liquid crystal display	no	no	✓	no	✓
Call timer	no	no	✓	no	✓
Caller ID <sup>1</sup>	no	no	✓	no	✓
On hook dialling	no	✓	✓	no	✓
Answerphone	no	no	no	no	
Headset socket	no	✓ – RJ11	✓ – RJ11	no	
PBX Modes	P/T	P/T/TB	P/T/TB	T	P/T
Wall mountable	✓	✓	✓	✓ – with additional bracket	
Memory batteries (not supplied)	■ 4 x AAA	none	none	none	■ 4 x AAA
Requires mains power	no	no	☺ yes	no	☺ yes
Colour	white	white	white	piano black	
Size in mm (excl. plinth/bracket)	220 x 165 x 80	220 x 180 x 100	220 x 180 x 100	190 x 170 x 60	
Weight	740g	670g	750g	750g	
Cost each qty 1-9	£ 32.65	£ 33.03	£ 44.59	£ 33.33	£ 66.67
Cost each qty 10-19	£ 29.39	£ 30.59	£ 43.44	£ 30.00	£ 60.00
Cost each qty 20+	£ 27.08	£ 30.59	£ 43.44	£ 25.00	£ 50.00
Connevens part no.	40TCL1100W	40TC2200W	40TC2300W	40TDO912C	40TDO915C
					

<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.





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.

### Amplicomms PowerTel 880 Combo

The Amplicomms PowerTel 880 Combo package has excellent 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 a visual impairment 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 880 Combo combines the features of the PowerTel 58 corded phone and the PowerTel 700 cordless telephone.

*In our view the Amplicomms PowerTel 880 Combo is a top-end, well designed phone bundle, packed full of nice features for deaf people. It is the loudest of our Combo models and the User Profile option is particularly useful, especially in a multi-user household.*



40TAC880 Qty 1-9 £ 112.49 each Qty 10-19 £ 101.24 each Qty 20+ £ 84.37 each



### Amplicomms BigTel 480 Combo

The Amplicomms BigTel 480 Combo has good volume levels and is simpler to use than the PowerTel range.

It is a simple-to-use cordless phone with a good clear sound, volume boost button and tone control. The BigTel cordless phone has an integrated answering machine and three direct dial memory buttons. You can play answer phone messages back via the cordless or corded handset, as well as through the corded phone loud speaker. It is possible to intercom between the two phones and transfer calls from one to the other.

Designed specifically to be easy to use, all the BigTel phones have large buttons and a clear display with large font.

*In our view the Amplicomms BigTel 480 Combo is easy to use with a nice design. The caller ID light is nice and bright and the text on the display is a large size. It has a good level of amplification and at this price, it is a great choice if you're after a Combo package.*



40TAC480 Qty 1-9 £ 74.99 each Qty 10-19 £ 67.49 each Qty 20+ £ 56.24 each



### Geemarc AmpliDECT 355 Combi

A Combi package featuring the popular AmpliDect 350 cordless telephone and the PhotoPHONE 100 with answerphone.

The PhotoPhone 100 is a big button, easy to use corded telephone with 8 picture direct dial buttons. The Combi version of this phone also has the addition of a large clear screen and an answer phone, which can be very useful. The AmpliDect 350 is a well designed cordless phone with excellent volume and is our recommended choice of DECT phone for hearing aid users.

*In the opinion of our evaluation panel, the Geemarc AmpliDECT 355 Combi is great for a multi-user household as the corded phone offers big, clear buttons while the cordless handset has a more conventional look. The picture memory buttons are particularly good for young children or those who struggle to remember numbers.*



40TDECT355 Qty 1-9 £ 82.50 each Qty 10-19 £ 74.25 each Qty 20+ £ 67.04 each





## DECT 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 greatly between models and it is a matter of reduction of interference, rather than elimination. We give a guide in the chart on the next page as an indication of the findings of our evaluation panel and 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 and can be used with a neckloop or inductive earhooks, it can be considered to be fully Hearing Aid Compatible.**

The **Geemarc AmpliDect 350** has a very 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. The phone is visually attractive and has both tone and volume adjustment. The listening volume level is good and has an optional boost button.

*In our view, the AmpliDect 350 has a good range of easy-to-use features.*

*It is the best for hearing aid compatibility when used on 'T', making it our recommended choice for hearing aid users.*

The **Geemarc AmpliDect 280 & 285** have a nice design with big buttons and a large screen. They have a good volume level & boost, tone control and a headset socket. The difference between the models is simply that the AmpliDect 285 has an answerphone. *In our view, these are straightforward and functional. A nice alternative to the popular AmpliDect 350.*

The **Amplicomms PowerTel cordless** is a feature-packed cordless phone with a good clear sound, volume boost button and graphical 'equaliser' tone control. A particularly nice feature is the User Profile option, where 2 users can pre-program their personal volume, tone and boost settings. It has large, clear buttons, direct memories and a good bright call indicator light. It is available with and without an answerphone.

*In our view the Amplicomms PowerTel cordless phone is well designed and full of good features for deaf people. It offers excellent levels of amplification and the tone control selection is very effective. The User Profile option is particularly nice, especially in a multi-user household.*

The **Amplicomms BigTel cordless** is an excellent-value cordless phone with a good clear sound, volume boost button and tone control. Designed specifically to be easy to use, the BigTel phones have large buttons and a clear display.

*In our view the Amplicomms BigTel cordless phone is a good simple phone. It doesn't have quite as high a level of amplification as the PowerTel range but is otherwise relatively similar. The caller ID light is nice and bright and the buttons are clearly labelled and well spaced out. It has a good level of amplification and at this price, it is a great choice if you are after a great-value, simple, amplified cordless phone.*



Geemarc AmpliDect 350

Geemarc AmpliDect 280

Geemarc AmpliDect 285

Amplicomms PowerTel cordless

Amplicomms BigTel cordless

Turn to pages 184-185 for cordless telephone comparison chart





The **Doro PhoneEasy 100w & 105wr** are well designed, attractive, simple to use cordless phones with a good range of standard features and an easy-to-read display. The 105wr model features an answerphone which gives you the option of listening to messages through the amplified handset.

*In our view, the PhoneEasy 100w & 105wr are a really good value-for-money choice. They offer all the features you would expect and have good sound quality, at a really affordable price.*

The **Humantechnik freeTel III Bluetooth cordless phone** is a top-of-the-range cordless phone. It has a stylish design, good clear sound, tone control and an excellent level of amplification. The built-in Bluetooth technology gives you the option of using the freeTel III with Bluetooth neckloops such as the Nokia LPS-5 or the CM-BT2 (see page 189), and with wireless hearing aid accessories such as the Oticon Streamer Pro or the Phonak ComPilot (pages 206-210).

*In our view the freeTel III cordless phone is a modern, well designed phone, the only one of our range with a Bluetooth connection facility. This phone has the most advanced features including a colour display, outgoing volume boost and vibration alert. The amplification and speakerphone volume are both very good, justifying its premium price tag.*

Please go to pages 184-185 for our DECT Cordless Phone feature comparison chart and phone prices.



## Additional DECT handsets

### AmpliDect 350 extra handset

Extra handset with charging pod to give an extension phone when used with the AmpliDect 350.

Mains power is required, it is not connected to a telephone socket.

**40TDECT35X**

Qty 1-9 £ 29.99 each

Qty 10-19 £ 22.49 each



### PowerTel 701 extra handset

Optional DECT extra handset (without answerphone) for PowerTel 700, 702, 780 and 880 Combo.

Mains power is required, it is not connected to a telephone socket.

**40TAC701**

Qty 1-9 £ 49.99 each

Qty 10-19 £ 44.99 each



### AmpliDect 280/285 extra handset

Extra handset with charging pod to give an extension phone when used with the AmpliDect 280 and AmpliDect 285.

Mains power is required, it is not connected to a telephone socket.

**40TDECT28XA**

Qty 1-9 £ 24.99 each

Qty 10-19 £ 22.49 each



### BigTel 201 extra handset

Optional DECT extra handset (without answerphone) for BigTel 200, 202, 280 and 480 Combo.

Mains power is required, it is not connected to a telephone socket.

**40TAC201**

Qty 1-9 £ 33.33 each

Qty 10-19 £ 30.00 each



### Humantechnik freeTel III Bluetooth extra handset

Extra handset with charging pod to give an extension phone when used with the freeTel III Bluetooth DECT phone.

Mains power is required, it is not connected to a telephone socket.

**40TFT3X**

Qty 1-9 £ 52.00 each

Qty 10-19 £ 46.80 each



Notes to the chart on the follow pages:

- 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, 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 greatly between models and it is a matter of reduction of interference, rather than elimination. We give a guide in this chart as an indication of the findings of our evaluation panel and 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					
	PowerTel 700	PowerTel 702	PowerTel 780	BigTel 200	BigTel 202	BigTel 280
Number memory	3 one-touch & 200 phonebook			2 one-touch & 50 phonebook		
Large buttons		✓			✓	
Recall & redial buttons		✓			✓	
Call indicator light		✓			✓	
Page handset		✓			✓	
Vibrating pad	optional			no		
Hearing aid compatible <sup>2</sup>	probably – certainly if used with CLA7 or T-Link)optional			possibly		
Headset socket	✓ – 2.5mm			no		
Choice of handset ringing tones	9			9		
Ringing volume	base station: 5 steps handset: 5 steps			base station: 5 steps handset: 5 steps		
Max loudness – see page 177	●●●●			●●●		
Amplification boost button	✓			✓		
Variable volume control	✓			✓		
Variable tone control	✓			✓		
Handsfree speakerphone	✓			✓		
Mute button	✓			✓		
Caller ID <sup>1</sup>	✓			✓		
Backlit display colour	orange			orange		
Answerphone	no	no	✓	no	no	✓
Bluetooth compatible	no			no		
Wall mountable	no			no		
GAP compatible	✓ – up to 4 handsets in total			✓ – up to 4 handsets in total		
Extra handsets available	✓ (no answerphone)			✓ (no answerphone)		
REN	1			1		
Requires mains power	☹ yes			☹ yes		
Rechargeable handset batteries	3 x AAA, supplied			2 x AAA, supplied		
Colour	charcoal grey			silver		
Handset size in mm	180 x 55 x 30mm			170 x 55 x 30mm		
Weight	handset: 170g base: 150g	handset: 170g base: 150g, pod: 82g	handset: 170g base: 204g	handset: 165g base: 149g,	handset: 165g base: 149g, pod: 72g	handset: 165g base: 204g
Pack type	Single	Twin	Single with answerphone	Single	Twin	Single with answerphone
Cost each qty 1-9	£ 74.99	£ 107.50	£ 90.83	£ 37.49	£ 62.49	£ 45.83
Cost each qty 10-19	£ 67.49	£ 96.75	£ 81.75	£ 33.74	£ 56.24	£ 41.25
Cost each qty 20+	£ 56.24	£ 80.63	£ 68.12	£ 28.12	£ 46.87	£ 37.47
Connevens part no.	40TAC700	40TAC702	40TAC780	40TAC200	40TAC202	40TAC280

		Geemarc			Doro		Humanteknik
AmpliDect 350		AmpliDect 280	AmpliDect 285	AmpliDect 285 twin	PhoneEasy 100w	PhoneEasy 105wr	FreeTel III Bluetooth DECT
4 one-touch & 50 phonebook		4 one-touch & 50 phonebook			2 one-touch & 20 phonebook		100 phonebook
no		✓			✓		✓
✓		✓			✓		✓
✓		✓			✓		✓
✓		✓			✓		✓
no – but handset can vibrate		no – but handset can vibrate			no		✓ – and handset can vibrate
probably – certainly if used with CLA7 or T-Link)		possibly – certainly if used with CLA7 or T-Link			possibly		possibly – certainly if used with CLA7 or T-Link
✓ – 2.5mm		✓ – 2.5mm			no		✓ – 2.5mm & 3.5mm
10		10			10		13
base station: 4 steps handset: 5 steps		base station: not adjustable handset: 5 steps			base station: 5 steps handset: 5 steps		base station: 3 steps handset: 5 steps
●●●		●●●			●●●		●●●●
✓		✓			✓		✓
✓		✓			✓		✓
✓		✓			✓		✓
✓		✓			✓		✓
✓		✓			✓		✓
✓		✓			✓		✓
white		orange			orange		full colour
no		no	✓	✓	no	✓	✓
no		no			no		✓
no		✓			no		no
✓ – up to 5 handsets in total		✓ – up to 5 handsets in total			✓ – up to 5 handsets in total		✓ – up to 6 handsets in total
✓		✓			no		no
1		1			1		1
☺ yes		☺ yes			☺ yes		☺ mains
3 x AAA ,supplied		3 x AAA ,supplied			2 x AAA ,supplied		3 x AAA ,supplied
grey/silver		Silver			White		Anthracite
55 x 160 x 30mm		55 x 165 x 25mm			180 x 55 x 30mm		178 x 51 x 33mm
handset: 154g base: 133g		handset: 155g base: 139g	handset: 155g base: 189g	handset: 155g base: 189g	handset: 157g base: 124g,	handset: 157g base: 210g,	handset: 175g base: 224g,
Single	Twin	Single	Single with answerphone	Twin with answerphone	Single	Single with answerphone	Single with answerphone
£ 62.49	£ 87.49	£ 39.99	£ 62.49	£ 87.49	£ 29.17	£ 37.50	£ 117.00
£ 56.24	£ 78.74	£ 35.99	£ 56.24	£ 78.74	£ 26.25	£ 33.75	£ 105.30
£ 50.78	£ 71.09	£ 32.49	£ 50.78	£ 71.09	£ 21.88	£ 28.13	£ 102.38
40TDECT350	40TDECT35T	40TDECT280	40TDECT285	40TDECT285T	40TDO100W	40TDO105WR	40TFT3





## Handfree neckloop for domestic telephone use



### Geemarc CLA7 hands free neck loop for AmpliDect 350, 280, & 285, AmpliPOWER 40/50 & CL455



The Geemarc CLA7 is for use by hearing aid users who have a hearing aid with a 'T' setting. The loop is worn around the neck and there is a microphone in the amplifier/battery pod which also has an ON/OFF button and volume control.

*Our evaluation panel rate the product as good for use with the compatible Geemarc landline phones. We do not recommend its use with a mobile phone as we found unacceptably high levels of interference with some mobile phones during tests. Size: 70 x 38 x 22mm. Connecting lead 1200mm with a loop diam. of 270mm.*

Requires 2 x AAA alkaline batteries (not supplied).

40TCLA7 Qty 1-9 £ 33.33 each Qty 10-19 £ 30.00 each  
Qty 20+ £ 25.00 each

MBNAAAX4 Pack of 4 AAA alkaline batteries £ 1.36 per pack



2.5mm 3 pole plug



## CLA3 hearing aid compatible headset with microphone

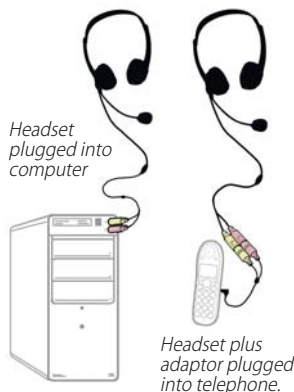
Good quality stereo 'T' compatible headset with microphone. The binaural headset is worn 'as normal' over the ears and has inductive coils in the earpieces. There is a boom microphone and an in-line volume control.

The headset has analogue computer connections (green plug to go into headphones socket and pink plug to go into the microphone socket) but also comes with a neat adaptor which converts these to a standard 2.5mm plug. The two plug options gives this headset great flexibility as it can be used with a computer or with a phone. The computer connections are standard and can be used with almost all computers. This makes it a great solution for VoIP and programs such as Skype.

*In the opinion of the evaluation panel, the sound quality of this headset is good and the dual plug options makes it flexible and excellent value for money.*

*With in-line volume control, 2m lead with microphone and headphone socket connectors for computer use and 2.5mm plug adaptor lead (200mm).*

40THCLA3 Qty 1-9 £ 16.66 each Qty 10-19 £ 14.99 each Qty 20+ £ 13.54 each



Headset plugged into computer

Headset plus adaptor plugged into telephone.



## Telephone inductive coupler



For hearing aid users ('T' loop input) and those with reduced hearing who are on the move or who are not able to have a specialised telephone fitted.

### PL10 Telephone Inductive Coupler/Listening Aid

The PL10 has the dual capability of an inductive coil for hearing aid users with a "T" position or simply increased volume for those who have a minor hearing loss.

This product is ideal for those on the move as it is small enough to slip in a pocket. However, it is only fair to point out that having to take it off at the end of each call, in order to replace the handset, makes it unsuitable for use at home.

*Please note: the PL10 is not suitable for use with mobile or cordless telephones.*

*Size: approx. 50 x 50 x 30mm. Weight: 45g. Supplied with pouch, one AAA battery and a spare strap.*

94PL10 Telephone Inductive Coupler Qty 1-9 £ 11.50 each Qty 10+ £ 10.35 each

94PL10STRA Spare strap for PL10 coupler £ 1.00 each

MBNAAAX4 Pack of 4 spare AAA alkaline batteries £ 1.36 per pack



Stretch strap slips over phone earpiece



## Great value for money batteries

Most of the phones in this section take AAA batteries. While you're ordering, why not include some batteries and save on the postage?

We have some great value-for-money alkaline batteries of all sizes available – check out Section 8 for the full range.



AAA AA



### Amplicomms AB 900 digital answering machine

Digital Answering Machine with adjustable playback speed and extra-loud message amplification of speaker & headset output!

This amplified answerphone is the only one of its kind we've ever seen and fills a gap in the market. Not only has it got an audio boost button for amplified playback through the speaker (or a headset/neckloop), it has tone control and even the option to slow the playback of your messages to make them easier to understand.

*In the opinion of our evaluation panel, this is a really good product, the only stand-alone amplified answerphone we offer – great if your preferred phone doesn't have a built-in answerphone feature.*

Size: 120 x 60 x 180mm. Weight: 270g.

40TACAB900 Qty 1-9 £ 41.66 each Qty 10-19 £ 39.49 each Qty 20+ £ 31.25 each



### Geemarc CLA4 Direct Vibe bone conduction handset

Optional handset – only compatible with Geemarc CL455, AmpliPOWER 40 & AmpliPOWER 50 phones.

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 handset good, although it required some trial and error to find the best bone conduction position.*

40TCLA4 White 40TCLA4BL Blue/grey

£ 16.66 each



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

Optional vibrating pad for CL455 and AmpliPOWER 40/50. Also supplied with adaptor cable for use with Sonic Alert & Wake'n'Shake clocks.

40TCL2VIBEB £ 12.49 each



### 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.

### Video clips available online!

On our website there are also some really helpful and informative sound clips & videos about the phones and accessories in this section. Video clips are great because they let you see how a product works.



When you are looking at a product on our [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk) website, if you see a video tab like this on the product page, simply click to watch.

Click here to watch videos





## In-line telephone handset amplifiers



A useful product to substantially boost the listening volume of your existing telephone. Ideal for those who find their office telephone not as loud as it used to be!

### T-Loud



Connevens offer a choice of 3 in-line telephone amplifiers each with their own advantages. The following is the view of the Connevens evaluation panel.

**T-Loud** A good value product with a reasonable 20dB amplification, with some telephones there can be a slight delay when turning on.

### Phone Plus PL51



The **Phone Plus PL51** has volume and tone controls with a longer physical slider movement than the CLA40 which makes adjustment easier and the changes appear more gradual. The PL51 has a 3.5mm headphone socket for use with headphones, inductive neck loop or direct input and a choice of 4 compatibility settings for different curly cord handset systems.

The **CLA40 vox** has a notched tone adjustment but with its shorter physical movement is more difficult to set – but once set you would rarely need to adjust it. It has an easy to use slider control with 30dB gain plus a 10dB 'Boost' button for occasional added amplification (40dB max gain). The CLA40 vox now has a 2.5mm headphone socket for use with the CLA7 neckloop or CLA3 headset, allowing for full hands-free use.

**PL51 & CLA40 vox** The sound quality, maximum volume and range of tone adjustment is virtually the same for these two products. Many people will choose between them just by looks! Both products have sliding volume and tone controls and a boost button which operates whilst it is held down.

The boost buttons either give a 10dB increase (CLA40) or a doubling boost (PL51), the effect of this is that the PL51 may appear to give a louder boost but the maximum gain on both products when used with boost is 40dB. The CLA40 offers the highest gain (30dB) without pressing a 'Boost' button.

*All these amplifiers are for use with corded phones, both digital and analogue, with detachable handsets. Connection is very easy and the same for all models – the in-line amplifier is connected between the 'curly' handset cable and the telephone base unit (via the 4 pin modular RG10 connector). Basically, the 'curly' handset is unplugged from the phone and the in-line amplifier connected instead. The handset cable is then plugged into the in-line amplifier.*

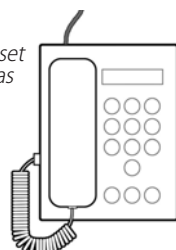
*All the in-line telephone amplifiers have a battery and an automatic 'turn off' when not in use.*

*Please note that if you try to use an in-line telephone amplifier with an already amplified telephone you will probably have problems with feedback and distorted sound from the handset.*

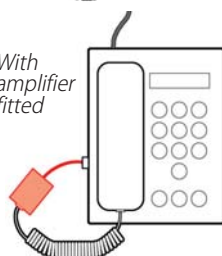
### Geemarc CLA40 vox



Handset cord as usual



With amplifier fitted



Features	T-Loud	Phone Plus PL51	Geemarc CLA40 vox
Max gain	20dB	40dB	40dB
Max gain without boost	–	20dB	30dB
Boost feature	no	double	10dB
Tone Control	no	✓	✓
Headset socket 🎧	no	✓ – 3.5mm	✓ – 2.5mm
Alternative handset compatibility options	1	4	1
Batteries required	🔋 1 x PP3, supplied	🔋 2 x AA, supplied	🔋 1 x PP3 not supplied
Size	48 x 75 x 34mm	70 x 102 x 35mm	60 x 100 x 30mm
Weight (excl. batteries)	55g	75g	75g
Cost each qty 1-9	£ 17.00	£ 23.50	£ 16.66
Cost each qty 10-19	£ 15.30	£ 21.15	£ 14.99
Cost each qty 20+	£ 13.38	£ 17.63	£ 13.54
Connevens part no.	40TLOUD	40TPL51	40TCLA40V
	🌱 VAT	🌱 VAT	🌱 VAT 2

## Frequently asked questions about in-line amplifiers

### Can I fit an in-line amplifier to my cordless DECT phone?

No – because there is no telephone cord between the handset and a base so there is nowhere to plug in the in-line amplifier. The same thing applies to gondola phones where the keypad is in the handset.

### Can I fit an in-line amplifier to my amplified phone (E.g. BT Big Button, Converse or Geemarc)?

Physically 'yes' but in practice we could not recommend adding an in-line amplifier to a telephone that already has a built-in

amplifier, because the speech will become distorted and whilst it will be louder it will also be uncomfortable in use and very difficult to understand!

### Can I use an in-line amplifier with my phone at the office?

'Probably' – but occasionally we find phones with which they will not work.

### What about digital line telephones?

As the in-line amplifier is fitted in the handset curly cord whether the telephone is digital or analogue is not relevant.





Bluetooth is an easy-to-use wireless communications technology. It is secure and operates over a short range of approx. 10m. Bluetooth technology is universal and has become a global standard – there is a wide range of Bluetooth enabled devices now available.

**Bluetooth is our recommended solution for hearing aid users.** It enables them to move their mobile phone to a 'safe' distance away from the hearing aid, avoiding interference and feedback. It is also great because it's universal, meaning that the Bluetooth neckloops we offer are compatible with all phones with a Bluetooth facility (most modern phones have this).



All the products shown here are suitable for use with hearing aid & cochlear implant users who have a loop programme.

**For further information about Bluetooth and any of these products, please see [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk).**

*Bluetooth is a common feature of mobile phones, however if you are unsure as to whether your phone is Bluetooth compatible, please contact your mobile phone provider.*

## CM-BT2 Bluetooth Neckloop

A Bluetooth inductive neck loop, with 3.5mm headphone socket, compatible with Bluetooth-enabled phones.

This funky neckloop has easily adjustable volume and a standard 3.5mm headphone socket to allow use with headphones or earphones (not included).

It has good sound quality with a useful extra volume control for the neckloop. The neckloop is adjustable and has a safety release.

This loop is also A2DP compatible, for Bluetooth music streaming from your phone or music player.

*Supplied with CM-BT2, USB charging cable, USB plug with changeable pins (UK, EU & US) for worldwide use and a USB car charger plug.*

*Size: 48 x 76mm.*

*Weight: 49g.*

### 98CMBT2

Qty 1-9 £ 57.00 each

Qty 10-19 £ 51.30 each

Qty 20+ £ 44.99 each



## Nokia LPS-5 Bluetooth mobile phone inductive neck loop

Nokia have a Bluetooth inductive neck loop, with vibrating call alert, compatible with all Bluetooth-enabled phones.

For hearing aid users with a 'T' setting, this stylish neckloop by Nokia has features not seen in other Bluetooth devices such as adjustable Side Tone, Voice Dialling (when used with a compatible phone) and a Vibration Call Alert. This loop is also A2DP compatible, for Bluetooth music streaming from your phone or music player.

Operation is simple using the centre multi-function button or the separate volume buttons on the side. The LED status indicator is discreetly positioned so it is only visible to the user.

*Size: 67 x 40 x 15mm. Weight: 57g*

*Due to the universal nature of Bluetooth, although this is a Nokia loop, it is in fact compatible with all Bluetooth-enabled mobile phones, regardless of their manufacturer.*

### 98LPS5

Qty 1-9 £ 106.25 each

Qty 10+ £ 94.94 each



## Mobile phone alerter

### Geemarc Shake Me App mobile phone alerter

A unique little alerter that will flash/ring/vibrate to alert you to your mobile phone.

Just fasten the microphone around your mobile phone using the supplied elasticated band and it will detect sound or vibration coming from the mobile phone. This will trigger an alert signal from the Shake Me App which has an extra loud 90dB ringer, good vibration and LED visual ring indicator.

*Supplied with 1m long retractable shaker cable with 2.5mm mono jack, belt and lapel clip. Requires 3 x AAA batteries (supplied).*

*Size: 84 x 67 x 32mm approx.*

*Weight: 112g (inc. batteries)*

### 40TSAPP

Qty 1-9 £ 16.66 each

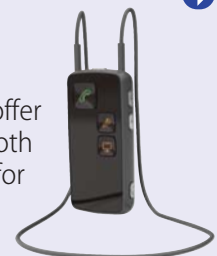
Qty 10-19 £ 14.99 each

Qty 20+ £ 13.54 each



## Streaming Devices

Wireless hearing aid accessories, often referred to as a Streaming Interface offer an alternative Bluetooth connection method for listening to your mobile phone.



To find out more and to see if your hearing aid is compatible – see Section 11, pages 206-209



## Hearing aid compatible GSM mobile phones



This range of Hearing Aid compatible mobile telephones has been chosen specifically because they are all easy for everyone to use.

Instead of making things small and complex, with these phones things are bigger, louder, clearer and easier to handle!

The mobile phones are well designed and offer a range of useful features such as direct dial memories, easy menu navigation and large fonts. They have good tactile buttons, which are not too small or close together, a vibration alert and most have an emergency SOS button on the back.

These phones are classified as Hearing Aid Compatible (HAC), and many hearing aid users will be able to use them without any problems from interference. *For more information about HAC and any of these phones, please visit our website [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk).*



All these mobile phones have a 2.5mm headphone socket and some also have Bluetooth, meaning they will work with the Bluetooth headsets we supply – see previous page.



All these phones are supplied unlocked (for use on any network) and SIM-Free. You will need to arrange for a SIM card from a mobile phone network operator for use with these phones. These are readily available from supermarkets or your local mobile phone shop.

*For features and prices of all these models, please see comparison chart on page 192.*

### Doro PhoneEasy 612



40GSM612P

The most basic of the Doro PhoneEasy range, the PhoneEasy 612 is a well-designed phone with a stylish 'flip' design and a large clear screen. The camera is a handy feature. It has large font and high contrast colour themes for people with a visual impairment.

*A good sturdy phone. Well made and available in black or sophisticated purple, this is a popular choice.*



40GSM612B



### Doro PhoneEasy 615



The most popular and advanced of our range of mobile phones, the PhoneEasy 615 is the only model with 3G capability. It has a very clear screen and a built-in camera with a flash.



40GSM615R



40GSM615B

*It would be our recommended choice for hearing aid wearers. Customers find the external display very useful and the bright red colour is a popular alternative to conventional black.*

**New mobile phone models will be available during the coming months, including a phone with email and internet access!**

**Check the website and search 'mobiles' or even better, sign up to our email newsletter, to keep updated.**



[www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk)

### Doro PhoneEasy 715



Very similar to the PhoneEasy 615 but in a unique slider design and with slightly smaller buttons. The screen is particularly large and clear.

*The slider design works well – you can instantly see from the screen who's calling and if you have a text message. Plus, with an automatic keypad lock, you don't need to worry about accidentally pushing buttons.*



40GSM715W



40GSM715B



## Doro HandlePlus 334 GSM simple mobile phone



Supplied with desktop cradle for easy charging.

A super simple, easy to use basic mobile phone it can receive all calls and has 4 pre-programmed dial buttons – to give peace of mind that they can communicate with you.

This phone is great for an elderly relative or someone who struggles to use a conventional phone or to remember phone numbers.

Ideally the 334 should be set up for the user by a friend or relative. Because the 334 has no conventional keypad, programming requires a little patience and can be fiddly but is relatively straightforward and is well-explained in the instructions.

The 334 has a dedicated keypad lock button, which like all the buttons, is large, clear and easy to use.

Note – this phone cannot send or receive conventional SMS text messages.

The Doro HandlePlus 334 also has two emergency buttons. The SOS button on the front dials 999.

The emergency button on the back is to alert friends or family by automatically texting and then dialling a set of pre-programmed numbers.



Emergency button

## Full range of spares available online!

A wide selection of spares and accessories for our range of mobile phones including spare power

supplies, car chargers and batteries are available on our website – search 'mobile spares'.



[www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk)



## Geemarc CL8400BT



This phone has a good 'flip' design with buttons labelled in large font and offers a good mix of features. It is the smallest and lightest of the phones in our range.

This phone is an alternative to the Doro 612 phone for those who want the advantages of a flip phone but at a lower price tag. The dedicated tone control and volume boost buttons are great for giving a little instant boost for that hard-to-hear word or phrase. One of our loudest phones.



40GSMCL84BT

## Amplicomms PowerTel M6900



Easy to use entry-level mobile phone, supplied complete with charging cradle.

The Amplicomms M6900 is a good basic flip phone. We particularly like the blue colour option. It has fewer features than some of the other mobiles and is the least amplified, which is reflected in the cost. This phone is a good budget model – excellent value for money.



40GSMMP6900BK



## Amplicomms PowerTel M6500



This phone has essentially the same features as the M7000 but in a different design. The keys are large and it has a talking keypad and caller ID.

The PowerTel M6500 has excellent sound quality and levels of amplification. It is a good choice for non-hearing aid wearers. The talking keypad has a clear voice and is a nice feature.



40GSMMP6500

## Amplicomms PowerTel M7000



A very loud, easy to use flip phone with a large screen and an especially loud ring.

In the opinion of our evaluation panel, the Amplicom M7000 is a really good phone, with a more comprehensive range of features than most in our range. It is in our opinion acoustically one of the loudest phones available, with a good tone control so it would be our recommended choice for non-hearing aid wearers.



40GSMPT7SI



40GSMPT7WH

## Geemarc CL8350



A nice bar phone with soft touch buttons that are well separated. It has a good loud sound and dedicated volume boost and tone control buttons.

The Geemarc CL8350 was the most popular bar phone among our evaluation panel. The bright message indicator light is a nice feature and feels comfortable to use.



40GSMCL8350





## Mobile Phone Comparison Chart – all phones supplied unlocked and without SIM card

	Doro			
	HandlePlus 334	PhoneEasy 612	PhoneEasy 615	PhoneEasy 715
				
Hearing Aid Compatibility <sup>1</sup>	T3 / M3	T4 / M4	T4 / M3	T4 / M3
Earpiece volume	7 steps	7 steps	7 steps	7 steps
Max loudness <sup>2</sup>	●●	●●●	●●●	●●●
Volume boost button	no	no	no	no
Tone control	no	✓	✓	✓
Screen size	23 x 36mm	50 x 38mm	50 x 38mm	50 x 38mm
Large font	no	✓	✓	✓
Adjustable text size	no	✓	✓	✓
Display Themes optimised for VI	no	✓	✓	✓
Direct dial memory buttons	4 – only	3	3	3
Bluetooth	no	✓	✓	✓
Headset socket	✓ – 2.5mm	✓ – 2.5mm	✓ – 2.5mm	✓ – 2.5mm
Handsfree speaker phone	✓	✓	✓	✓
Speakerphone volume	no	7 steps	7 steps	7 steps
FM Radio	no	✓	✓	✓
Phonebook	n/a	300 names with multiple numbers on each name	300 names with multiple numbers on each name	300 names with multiple numbers on each name
Caller ID	✓	✓	✓	✓
SOS emergency button	✓	✓	✓	✓
Voicemail	no	✓	✓	✓
Calendar	no	✓	✓	✓
SMS message facility	no	✓	✓	✓
MMS message facility	no	✓	✓	✓
Predictive Texting option	n/a	✓	✓	✓
Camera	no	✓	✓ – with flash	✓
Blockable menu options	no	✓	✓	✓
Ringer volume (approx)	up to 83dB	up to 83dB	up to 85dB	up to 83dB
Ringtones	10	20	20	20
Vibrating ringer function	✓	✓	✓	✓
Keypad lock	✓ – automatic & dedicated button	n/a	n/a	✓ – automatic & dedicated button
Use Abroad	Triband	Triband	Triband	Triband
Power socket type	Round pin	microUSB	microUSB	microUSB
Weight in g	99	103	115	103
Size in mm	125 x 52 x 15	101 x 52 x 20	102 x 53 x 23	100 x 50 x 17
Colour	White	Black or Aubergine Purple	Black or Red	Black or White
Phone design	Bar phone	Flip phone	Flip phone	Slider phone
Cost each qty 1-4	£ 93.83	£ 89.67	£ 114.67	£ 98.00
Cost each qty 5-9	£ 84.45	£ 80.70	£ 103.20	£ 88.20
Cost each qty 10+	£ 76.36	£ 73.05	£ 92.98	£ 79.69
Part number	40GSM334W	40GSM612B 40GSM612P	40GSM615B 40GSM615R	40GSM715B 40GSM715W
				

<sup>1</sup> The T3/M3 and T4/M3 indications by the phones, is an American standard used to rate how good a mobile phone is when used with a hearing aid on 'T' and also on 'M'. A performance level of 3 or 4 is considered acceptable, although some hearing aid users with older hearing aids may still experience problems. For more information about this, please visit [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk)

Amplicoms			Geemarc	
PowerTel M6900	PowerTel M6500	PowerTel M7000	CL8400BT	CL8350
T3 / M3	T4 / M4	T4 / M4	T4 / M4	T4 / M4
7 steps	7 steps	7 steps	7 steps	7 steps
●●	●●●●	●●●●	●●●●	●●●●
no	✓	✓	✓	✓
✓	✓	✓	✓	✓
41 x 32mm	32 x 40mm	50 x 38mm	40 x 32mm	32 x 40mm
✓	✓	✓	✓	✓
no	no	no	no	no
no	no	no	no	no
3	3	3	3	3
no	✓	✓	✓	✓
✓ - 3.5mm	✓ - 3.5mm	✓ - 3.5mm	✓ - 2.5mm	✓ - 3.5mm
✓	✓	✓	✓	✓
7 steps	7 steps	7 steps	8 steps	7 steps
no	no	no	✓	no
300 names & numbers	500 names & numbers	500 names & numbers	40 names & numbers	300 names & numbers
✓ - talking	✓ - talking	✓ - talking	✓	✓ - talking
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
no	no	no	no	no
no	no	✓	no	no
no	no	no	no	no
no	no	no	no	no
up to 85dB	7 steps - up to 90dB	7 steps - up to 90dB	up to 80dB	7 steps - up to 90dB
9	9	9	9	10
✓	✓	✓	✓	✓
n/a	✓	n/a	n/a	✓
Dualband	Dualband	Dualband	Quadband	Quadband
miniUSB	microUSB	microUSB	miniUSB	microUSB
94	93	99	56	93
101 x 51 x 21	126 x 57 x 15	104 x 52.5 x 18	92 x 52 x 20	125 x 55 x 15
Black or Blue	Black	Silver or White	Burgundy Red	Black
Flip phone	Bar phone	Flip phone	Flip Phone	Bar phone
£ 47.99	£ 56.33	£ 64.66	£ 72.99	£ 72.16
£ 43.19	£ 50.70	£ 58.19	£ 65.69	£ 64.94
£ 37.50	£ 43.75	£ 50.00	£ 60.93	£ 60.25
40GSMP69BK 40GSM69BL	40GSMP6500	40GSMP7SI 40GSMP7WH	40GSMCL84BT	40GSMCL8350

2 Comparative Loudness Blob Ratings: While manufacturers of phones often give figures in decibels for the amplification levels of 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.

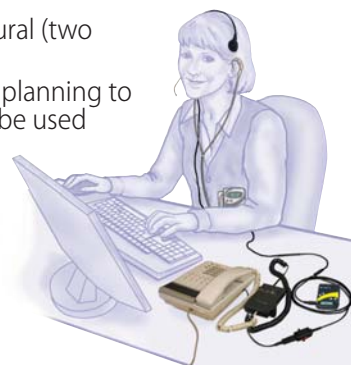
● 10 dB+    ●● 20 dB+    ●●● 30 dB+    ●●●● 40 dB+    ●●●●● 50 dB+    (approximate dB equivalent)



Telephone headsets are widely used by people who wish to have both hands free for computer keyboard entry. The binaural (two ear) versions are also good for people with slight hearing loss, especially amidst general office noise.

- A base station is normally required and there is a choice of monaural (one sided) or binaural (two sided) headsets.
- 'T' hearing aid compatible – these 'enhanced' versions have a very good 'T' signal. When planning to use a headset with a hearing aid 'T' facility it is important to check the area where it is to be used for unacceptable background magnetic noise from equipment such as computer monitors, before purchasing.
- A telephone headset can be used with any home or office phone which has a plug in handset – a suitable 'bottom' cable will be required.

**Technical note:** for the very best of quality you can use a telephone headset with an fmGenie radio aid – please see our Call Centre package on page 33 or contact Customer Services for more information.



## Plantronics Vista M22 base station

A base station connects telephone headsets with most commonly used telephones via the curly handset cord, making it an easy and universal solution. It allows the user to switch between handset and headset and has a volume control and mute button.

If the telephone does not have a headset mode you will need to take the handset 'off hook' during use, please refer to the instructions for your phone system for the available options.



The Vista M22 base station is an industry standard product.

Requires 2 x AA alkaline batteries – supplied. Also supplied with 3m cable

<b>40THVISTA2</b>	Qty 1-9	£ 102.58 each
	Qty 10+	£ 92.32 each

## Plantronics SupraPlus™ enhanced headsets



For use normally with a base station, the SupraPlus enhanced headsets are light and comfortable with good sound quality. The headsets are also hearing aid 'T' compatible – the binaural version is appropriate for those with two hearing aids. These enhanced headsets have a very good 'T' drive signal & excellent sound quality.

Please note that a bottom cable is not supplied with headsets and needs to be ordered separately if a Vista base station is not being used.

### SupraPlus Enhanced monaural headset – HW251H

A fully adjustable headband design provides a very stable fit while a soft ear cushion buffers distracting background noise. This is an ideal headset for telephone conversations in open plan environments.



#### Standard enhanced monaural 40THSPMH

Qty 1-9	£ 69.90 each	
Qty 10+	£ 62.91 each	



### SupraPlus Enhanced binaural headset – HW261H

The SupraPlus enhanced binaural headset has all the advantages of the monaural but with one big difference – it provides sound in both ears! This makes it easier for anyone whose job demands total concentration when making or taking calls, particularly in a noisy environment.

#### Standard enhanced binaural 40THSPBH

Qty 1-9	£ 92.44 each	
Qty 10+	£ 83.20 each	

## Plantronics Vista MX10 Multimedia base station

The Vista MX10 base station works in the same way as the M22 base station above with the addition of computer integration.



It allows the user to switch between a telephone call and computer audio input. The volume of each channel can be individually controlled and there is a mute button and headset/handset control

Requires 2 x AA alkaline batteries – supplied. Also supplied with UK power supply

<b>40THMX10</b>	Qty 1-9	£ 109.01 each
	Qty 10+	£ 98.11 each

## Plantronics Circumnaural Headset Ear-Cushions

These are for use on the SupraPlus line of headsets.

The original foam ear-cushion is removed and the Circumnaural Ear-Cushion simply pushes onto the speaker of the SupraPlus.

Wearing a headset can be uncomfortable for hearing aid users. These earpads are an alternative to the standard earpads when the hearing aid is being used on T or direct input. These ear-cushions should fit around the ear and hearing aid.



#### 40THSPADC

Qty 1-9	£45.00 per pair	Qty 10+	£40.50 per pair	
---------	-----------------	---------	-----------------	--





The ScreenPhone is ideal for people who want to voice their call but can no longer hear the response and find conventional textphones too complicated.

Really nice for domestic use, the ScreenPhone allows friends & family to hear the caller's voice, making calls more personal.

The idea behind the ScreenPhone is simple – you can speak your part of the call as usual but at the press of a button you can receive your caller's conversation back in words on a screen (using Text Relay operator\*). In effect, it is a 'hybrid' – half-phone, half-textphone.

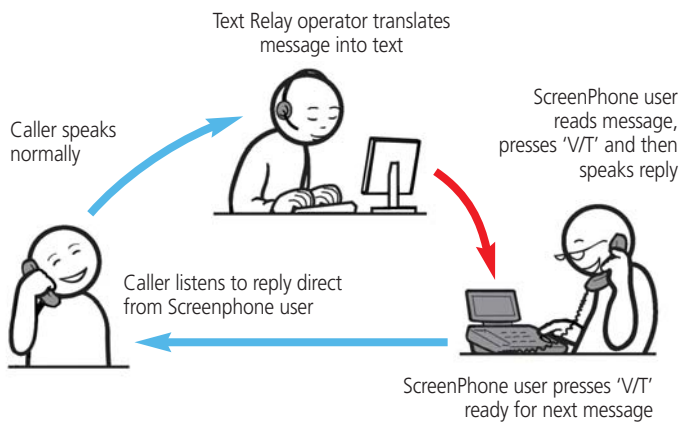
One of the nice things about using the ScreenPhone is that it allows friends and family to hear the deaf person's voice, making calls more personal than using a conventional textphone.

Text Relay (formerly known as Tynetalk) is the phone relay service run by BT where an operator listens to the person talking to you and types words that appears on your phone's screen.

The appearance and functions of the ScreenPhone are similar to a standard amplified phone e.g. phonebook, speakerphone etc. but with the addition of a particularly clear large 125 x 80mm screen. The size of the font can be increased and the display contrast can be adjusted to make it easy to read. Any answer phone messages can be replayed on the display in text. This large display is good and the controls are easy to use. The ringer is very loud with a good bright strobe.

If you have good and bad days with your hearing, you can use the ScreenPhone as a conventional amplified phone. It has volume and tone control, Caller ID and a 50 name and number phonebook. It is also hearing aid compatible.

Developed by Geemarc in partnership with Action on Hearing Loss (formerly RNID).



*How to make a call:*

Dial the number with an 18001 prefix, this will connect an Text Relay operator. They will relay the incoming caller's voice into text for you to read from the display screen. Simply press the 'V/T' button whenever you want to speak and press it again when you want to read their reply.

*Requires mains power and use of the Text Relay service for speech to text translation.*

*\*There is no extra charge for using the Text Relay service. In addition, customers of BT will automatically receive up to 60% off the text part of text and voice calls made through Text Relay.*

*Size: 190 x 210 x 65mm (excluding Screen). Weight: 1.04Kg*

**40TSCREEN**

**£ 209.95 each**

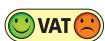


**Keyboard for ScreenPhone**

A standard full size QWERTY keyboard for use with the ScreenPhone.

The addition of the keyboard allows the use of the Screenphone as a 'standard' textphone if required, giving the ultimate in flexibility.

**40TSCKEY**  
£ 15.64 each



**Visit the website!**



There are some really helpful and informative video clips available on our website about the ScreenPhone and the Text Relay service.

Go to [www.DeafEquipment.co.uk](http://www.DeafEquipment.co.uk) and enter **Screenphone** into the 'Search the site' box and follow the links in the User Guides tab on the ScreenPhone product page.



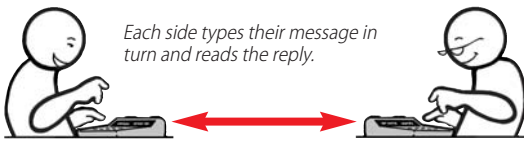
**NOTES to the Textphone Comparison Chart (page 197):**

- 6000 model: 24 char, 58mm wide thermal paper. There is a choice of print sizes (normal, bold & wide). Uses paper roll part no. 40TM7PAP.
- 6000 series: Answerphone messages have time and date stamp.
- Voice carry-over (VCO) is when the textphone user talks one way and reads the reply and hearing carry-over (HCO) is when the textphone user listens one way and types the reply.
- The built in voice announcer is an electronic voice which says 'Hearing impaired user, please use textphone' or similar so that the person called knows it is a textphone call.
- Auto ID alerting is a series of beeps that are sent if the called person does not respond in text.
- REN: You must not exceed a REN of 4 in total on your telephone line.



Textphones (often called Minicomms) are a way of sending an interactive sequence of typed messages over a telephone line. Each textphone has different features so to help you make your choice we have some comments below and have also drawn up a comparison table of features.

## How does a textphone work?

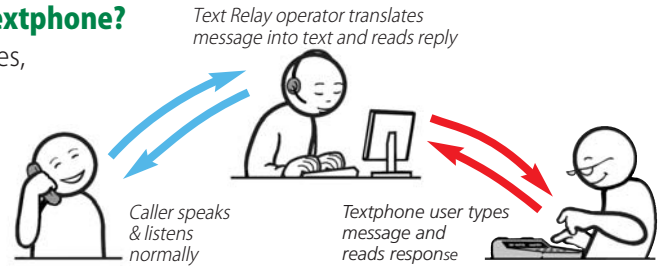


All Textphones have a screen and a standard keyboard. You type your message out in turn using the keypad, it appears both on your screen and the screen of the textphone of the person you are calling.

Textphones have been around for a long time and many businesses, utility companies and public offices have dedicated Textphone contact numbers.

## What happens if I want to contact someone without a textphone?

Textphones can only communicate directly with other textphones, however a Text Relay service is available where you can use an interpreter as an intermediary between your textphone and people using a telephone. The Text Relay Operator will read out the words you type to the person on the telephone. They speak their response to the Operator who types the message out and sends it to your textphone.



The **Uniphone 1150** is a popular model because it is a combined textphone and telephone with an inductive coupler. It has mid range facilities and is the most compact. *This textphone has a 2 line display but some people may find the text size a bit small. Unlike the large textphones, the Uniphone does not have a 'proper' keyboard.*

The **Minicom 6000** is an excellent value, full featured product. It is designed for both direct connection and acoustic use with a telephone handset; it also has a rechargeable battery capability. *With both the 6000 series Minicomms, the display is large and easy to read although some people do not like having acoustic couplers on the top that may never be used.*

The **Minicom 6000P** is the top of our range, a full feature model with a built in printer. *In the opinion of our evaluation panel, the Minicom 6000P has a value for money price tag and is the only model available with a built-in printer, making it our recommended choice for use in a business or office situation.*

The **Geemarc ClearText** is designed specifically for the private user, with an extra large clear screen. *In the opinion of our evaluation panel, the ClearText is easy to use with a nice keyboard, ideal for home use. Due to the lack of a printing facility we would not recommend it for business use.*



Minicom 6000

Minicom 6000P

Uniphone 1150

ClearText

**BUSINESS TEXTPHONE SERVICE** A textphone/minicom contact service requires a dedicated contact telephone number. Either as a separate exchange line or a dedicated number via the existing office telephone system. A minicom may be connected to any phone socket where a conventional telephone may be used. Whilst textphones are analogue devices, digital telephone systems can usually have an extension configured to use analogue devices such as fax machines – please consult your telephone system maintainer to check analogue compatibility.

*Please note that passing textphone calls via a switchboard is not a realistic option.*

## Textphone Accessories & Spares

**Replacement power supply**  
for Minicom 5, 6 & 7000 Series and Uniphone 1150  
40TPSU £ 19.50 each



**Thermal paper** for Minicom 6000P & 7000P  
40TM7PAPER £ 3.95 pack of 6 rolls

**Thermal paper** for Minicom 8000 series  
40TM8PAPER £ 11.95 pack of 6 rolls





## Textphone Comparison Chart

	<b>Uniphone 1150</b> 	<b>Minicom 6000 &amp; 6000P</b> 		<b>ClearText</b> 
Notes to the chart are on page 195				
Display	2 lines of 24 chars. 48 total	1 line of 20 characters		Multi-line – depends on text size
Display type & letter height	LCD with backlight 4.5mm	Bright vacuum fluorescent 6mm		LCD with adjustable contrast and variable font size from 5-12mm
Keyboard	Reduced size, membrane 'calculator' style	Full sized keys, computer style keyboard		Full sized keys, computer style keyboard
Printer output connection	<i>no</i>	14 pin – special cable		<i>no</i>
Built-in printer	<i>no</i>	6000: <i>no</i>	6000P: yes (note 1)	<i>no</i>
Connection	direct	direct & acoustic		direct
Memory dialling	<i>no</i>	✓		✓
Memory	2Kb for conversations, 5Kb text answerphone	32Kb total		256Kb total
Built-in text Answerphone	✓	✓ (note 2)		✓
Remote message retrieval	<i>no</i>	yes with password protection		<i>no</i>
Typetalk compatible	✓	✓		✓
Voice telephone	✓	<i>no</i>		<i>no</i>
Speakerphone	<i>no</i>	<i>no</i>		<i>no</i>
Voice carry-over (VCO) and hearing carry-over (HCO) (note 3)	✓	✓ with use of separate phone		<i>no</i>
Telephone handset	✓	<i>no</i>		<i>no</i>
Amplification	✓ up to 20dB	<i>no</i>		<i>n/a</i>
Inductive coupler	✓	<i>no</i>		<i>n/a</i>
Simple to switch between voice and text	✓	more complex		<i>n/a</i>
Built-in voice announcer (note 4)	✓	✓		✓
Auto ID (note 5)	✓	✓		<i>no</i>
Personalised auto-answer text message	<i>no</i> – fixed message	✓		<i>no</i> – fixed message
Personalised greeting message	✓	✓		<i>no</i>
Visual ringing/engaged indication	✓	✓ + light indication		yes
Off line edit/send memo facility	<i>no</i>	✓		<i>no</i>
Call timer	✓	<i>no</i>		<i>no</i>
Ring indicator light	✓	✓		✓
Ringer/sounder	off, low, high	<i>no</i>		off, low, high
Compatibility	Baudot, CCITT and EDTN	Baudot, CCITT and EDTN		Baudot, CCITT and EDTN
Turbo Code™	✓	✓		<i>no</i>
Power (batteries not supplied)	⚡ 230V ac adaptor with 🔋 9V battery backup	⚡ 230V ac adaptor or 🔋 6 x AA size rechargeable		⚡ 230V ac adaptor and 🔋 4 x AA size batteries
Size approx in mm	218 x 180 x 64	254 x 241 x 76		320 x 165 x 50 (excluding screen)
Weight approx.	0.8Kg with battery	1.7Kg with batts		1.2Kg with batts
REN = (note 6)	1	1		1
Part number	40TU1150	40TM6000	40TM6000P	40TCLEAR
Cost each qty 1-9	£ 230.00	£ 249.00	£ 305.00	£ 225.00
Cost each qty 10+	£ 207.00	£ 224.10	£ 274.50	£ 225.00





## Vision equipment



We have a range of Vision Equipment, designed for partially sighted people plus of course those with dual sensory loss. Many of the products we already offer, as part of our range from DeafEquipment, fall into this category and we have introduced a wider range of specialist products.

Please check out [www.VisionEquipment.co.uk](http://www.VisionEquipment.co.uk) to see our current range and to keep up-to-date with new additions. We are always interested in our customer's comments, and especially with this range, so if you have any suggestions of things that we should include or can't find what you're looking for, please drop Phil Boswell an email at [phil@connevans.com](mailto:phil@connevans.com).

A couple of examples of the type of telecoms products we feature on our [www.VisionEquipment.co.uk](http://www.VisionEquipment.co.uk) website:

### Geemarc Big Display Phone BDP400

Hear the command of every button pressed!

An easy to use, RNIB approved, talking amplified telephone with a large display and helpful spoken menu.

This is a multi-function telephone which offers full voice announcements throughout, making it user friendly, particularly for those with less than perfect eyesight.



Amplified phone with variable tone and volume. Max loudness: ●●●●

This phone has a loud speaker phone and a flashing strobe light as well as a ringer. It features hands-free dialling, a recordable phone book and talking caller ID\*.

The phone also has an extra large 22mm LCD display, three quick dial memory buttons, tone & volume control and a boost mode for additional volume. It is also Hearing Aid Compatible with hearing aids with a 'T' setting.

*In our view the Geemarc BDP400 is an easy-to-use, well designed phone. It is particularly nice that although designed with the RNIB for those with visual impairment, its good level of amplification and hearing aid compatibility means the BDP400 can be suitable for those with a hearing loss.*

Size: 190 x 210 x 65mm (excluding screen). Weight: 1.5Kg. Requires 4 x AA batteries (not supplied).

#### 40TBDP400

Qty 1-9 £ 99.99 each Qty 10-19 £ 89.99 each Qty 20+ £ 81.24 each

Really large, clear screen with adjustable contrast

\* 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.



### Amplicomms PowerTel 710 Voice

A fully talking, amplified cordless telephone with big buttons and multi-user profiles for volume, tone and boost settings.

This phone has vocalised guidance through menu options and settings as well as vocalisations of all buttons, numbers call lists and menu commands, which is useful for people with a visual impairment. Each button or menu command has a clear English voice prompt when pressed. The phone speaks the numbers of incoming calls\* as well as a voice recording function for 13 selected numbers, for complete voice recognition of incoming calls.



Touch and feel tactile recognition buttons

The PowerTel 710 Voice comes in black for better contrast, including recessed navigation key to assist users with low vision. Voice assisted menu can be switched on or off making the phone ideal to use by the whole family. Extra handsets are available to allow you to have several around the house.

*In our view the Amplicomms PowerTel 710 Voice is a good phone, well suited to people with dual sensory loss (hearing & sight). In addition to the voice prompts it has all the features of the PowerTel 700 series phones, including the amplification and tone controls – see pages 182-185 for full details.*

Handset size: 180 x 55 x 30mm. Weight: 174g. Requires 3 x AAA batteries (supplied).

40TAC710V Qty 1-9 £ 83.33 each Qty 10-19 £ 75.00 each Qty 20+ £ 62.50 each

\* 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.



Amplified phone with variable tone and volume. Max loudness: ●●●●



Connevens offer a comprehensive range of telephone ring indicators. The products vary greatly in cost and features and have choices of bright flashing light, loud sounder or vibration when the telephone rings.

The **RingPlus** has a sound pick up sensor which should be attached over the telephone buzzer. It offers a good bright strobe and is suitable for use with most telephones, videophones, digital phones etc. and also door entry systems. The RingPlus may be used flat or wall mounted. The ideal choice when direct connection is not possible.

The **Geemarc CL1L** has options of visual alert, sound or vibration and with a very reasonable price tag the CL1 is our overall best value buy. *Note – new LED version isn't as bright as previous model.*

The **Geemarc CL2L** is the same as the CL1L but with the addition of a wireless doorbell push.

The **Geemarc Amplicall 10** is essentially the same as the CL1L but with a more compact & modern design.

The **Geemarc Amplicall 20** is the same as the Amplicall 10 but with the addition of a wireless doorbell push (the same idea as the CL2L but with a more attractive design).

The **Phoneflash 2** offers a very bright flashing light to signal incoming calls and is our recommended choice for bright rooms.

The **Connevens PPS433** vibrating pager system will alert you to the telephone – and other environmental alerts – wherever you are in the house or even the garden! Operation is very straightforward and you carry the pager vibrator with you. Although at first sight the PPS433 is an expensive choice, the system offers a comprehensive integrated solution to all your alerting needs – it does not require specialist installation. (See Section 7)

The **Libra+ D917 & D936 kit** is a very good portable wirefree solution with loud sound and/or bright blue strobe. A doorbell push may be added to this kit, alternatively the Libra+ D936 telephone ringer can be purchased separately to add to an existing Libra+ system (see section 9).

The **Amplicomms Ring Flash** Ringer Amplifier range all have a bright strobe, loud sound and the option to plug in a vibrator. The **Ring Flash 100** is an excellent value-for-money ring indicator. The **Ring Flash 200** also has a wireless door bell push and the **Ring Flash 250** has a remote acoustic activation unit which can be used wirelessly with any device that makes a loud noise such as an existing doorbell or a door entry system.





## Telephone ring indicator comparison chart

	Geemarc				Sarabec
	Geemarc CL1L 	Geemarc CL2L 	Geemarc Amplicall 10 	Geemarc Amplicall 20 	Phoneflash 2 
Facilities	flash, sounder & optional vibrator	flash, sounder & optional vibrator	flash, sounder & optional vibrator	flash, sounder & optional vibrator	flash
Wireless	no	no	no	no	no
Flash brightness	white LED flash	white LED flash	white LED flash	white LED flash	bright white strobe
Range of visibility	line of sight only	line of sight only	line of sight only	line of sight only	wide
Audible sounder	✓	✓	✓	✓	no
Volume	variable – 95dBA	variable – 95dBA	variable – 95dBA	variable – 95dBA	n/a
Tone adjustment	3 position switch low/med/high	3 position switch low/med/high	3 position switch low/med/high	3 position switch low/med/high	n/a
Vibrating pad	Optional – 40TCL2VIBEB vibrator purchased separately	Optional – 40TCL2VIBEB vibrator purchased separately	Optional – 40TCL2VIBEB vibrator purchased separately	Optional – 40TCL2VIBEB vibrator purchased separately	no
Wireless doorbell included	no	✓	no	✓	no
Choice of settings	flash, sound or vib alone/ any two together/off	flash, sound or vib alone/ any two together/off	flash+sound flash+vibrate sound+vibrate off	flash+sound flash+vibrate sound+vibrate off	flash – always on
Direct connection <sup>1</sup>	✓ – 2.1 m lead with fitted plug/ socket adaptor	✓ – 2.1 m lead with fitted plug/ socket adaptor	✓ – 2.1 m lead	✓ – 3 m lead	✓ – 2.9 m lead & doubler
Wall mountable	✓	✓	✓	✓	✓
Power	⏚ mains	⏚ mains	⏚ mains or 🔋 4 x AA batteries (not supplied)	⏚ mains or 🔋 4 x AA batteries (not supplied)	⏚ mains
REN	1	1	1	1	0.5
Size approx in mm	190 x 118 x 48	190 x 118 x 48	140 x 115 x 45	140 x 115 x 45	82 x 135 x 42
Cost each qty 1-9	£ 20.83 <sup>2</sup>	£ 37.49	£ 14.99	£ 33.33	£ 26.90
Cost each qty 10-19	£ 18.75 <sup>2</sup>	£ 33.74	£ 13.49	£ 30.00	£ 24.21
Cost each qty 20+	£ 16.93 <sup>2</sup>	£ 30.46	£ 12.18	£ 27.08	£ 20.62
Connevens part no.	40TCL1L <sup>2</sup>	40TCL2L <sup>2</sup>	40TCALL10 <sup>2</sup>	40TCALL20 <sup>2</sup>	40TSPF2
					

<sup>1</sup> Direct connection implies suitable for connection to standard BT socket where a plain ordinary telephone or fax machine would operate.



Friedland	Doro	Amplicomms			Connevens
<b>Libra+ Flashing chime &amp; telephone ringer</b>	<b>RingPlus</b>	<b>Ring Flash 100</b>	<b>Ring Flash 200</b>	<b>Ring Flash 250</b>	<b>PPS433</b>
					
flash & sounder	flash & sounder	flash, sounder & optional vibrator	flash, sounder & optional vibrator	flash, sounder & optional vibrator	vibrating pager
✓	no	no	no	✓	✓
bright blue strobe	strong, bright white strobe	bright white strobe	bright white strobe	bright white strobe	n/a
wide	very wide, even from side	wide	wide	wide	n/a
✓	✓	✓	✓	✓	no
variable – 90dBA	variable – 90dBA	variable – 95dBA	variable – 95dBA	variable – 95dBA	n/a
no	minimal	3 position switch low/med/high	3 position switch low/med/high	3 position switch low/med/high	n/a
no	no	Optional – 40TAC100 vibrator purchased separately	Optional – 40TAC100 vibrator purchased separately	Optional – 40TAC100 vibrator purchased separately	✓ good/wirefree
no – doorbell push available separately	no	no	✓	no	no – doorbell trigger available separately
flash sound flash+sound	flash or sound flash+sound off	flash+sound flash+vibrate sound+vibrate off	flash+sound flash+vibrate sound+vibrate off	flash+sound flash+vibrate sound+vibrate off	vibrate only but can be integrated
✓ – 110 mm lead, with dual adaptor	no – stick on piezo 5 m lead	✓ – 2.1 m lead	✓ – 2.1 m lead	✓ – and/or stick on piezo with wireless activation unit	✓ – additional doubler not required
chime – ✓	✓	✓	✓	✓	trigger – ✓
🔋 chime: 4 x C battery (not supplied)	🔌 mains	🔌 mains	🔌 mains	🔌 mains	🔋 pager: 2 x AA batteries 🔋 trigger: 1 x PP3 battery
1	n/a	1	1	1	1
chime 140 x 110 x 40	115 x 185 x 35	115 x 120 x 120	115 x 120 x 120	115 x 120 x 120	pager: 105 x 22 x 60
£ 71.58	£ 25.00	£ 20.83	£ 41.66	£ 49.99	£ 209.95 <sup>3</sup>
£ 64.47	£ 22.50	£ 18.75	£ 37.49	£ 44.99	Qty 5-9 £ 199.75 <sup>3</sup>
£ 62.69	£ 18.75	£ 15.62	£ 31.25	£ 37.49	Qty 10+ £ 188.82 <sup>3</sup>
42FDTELK1	40TRINGP	40TACRF100 <sup>2</sup>	40TACRF200 <sup>2</sup>	40TACRF250 <sup>2</sup>	433TELPK
👎 VAT 3	👎 VAT	👍 VAT 2	👍 VAT 2	👍 VAT 2	👍 VAT

<sup>2</sup> Price excludes optional vibrator.

<sup>3</sup> Price includes pager, telephone trigger and PVC pager belt pouch.