



Product Catalogue

Summer 2012



plantronics
Simply Smarter Communications™

Next ▶

✕ Exit



Why use a headset?

Whether talking business on the telephone, interacting with a PC or chatting to friends via the Internet, Plantronics headset solutions combine advanced technology and practical design to enable people to communicate more freely – whatever they are doing and wherever they are.

- **A better way to work:** Our headsets enable workers to be hands-free and to multi-task in comfort; our wireless headsets provide you with the extra advantage of being able to move around the office whilst continuing the call.
- **Specialist support for Contact Centres:** Comfortable and durable headsets with the best sound protection and technology, are paramount for call clarity and ergonomic health and safety.
- **Hands-free on the move:** Need to make a call whilst out and about? Using a Bluetooth® headset means this can be easily done and in comfort, ensuring you are connected at all times.
- **Make the most of multi-media:** Whether listening to favourite tunes, or chatting over the Internet, headsets provide better sound clarity – hear and be heard clearly.
- **Virtual surround sound:** Maximise the enjoyment of PC gaming with quality headsets that provide virtual surround sound, enabling ultimate player involvement and performance.

Why Plantronics?

Plantronics invented the first lightweight headset more than 40 years ago, and almost immediately launched a revolution in personal communications.

From the beginning, when we were first specified for NASA's historic moon mission, we have defined what headset quality, comfort and reliability mean – setting the standards against which all others are measured. Today, we still make the most advanced headsets, using strong, flexible, but lightweight materials, along with the very latest refinements in acoustics, ergonomics and technology. Our innovative designs give you the freedom of hands-free convenience, and a crystal-clear conversation in any environment.

Personal communications are a vital part of all our lives. So whether you're at work, on the move or at home, you can trust in the best.

Make the right choice

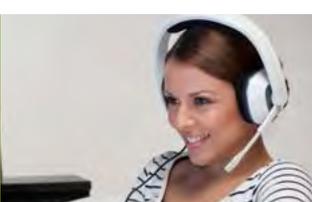
TCO Certified Headsets 2 is a global certification for headsets designed for maximum performance, usability and minimal environmental impact. It shows that Plantronics' products have passed independent testing for low emissions, superior sound quality and high durability.

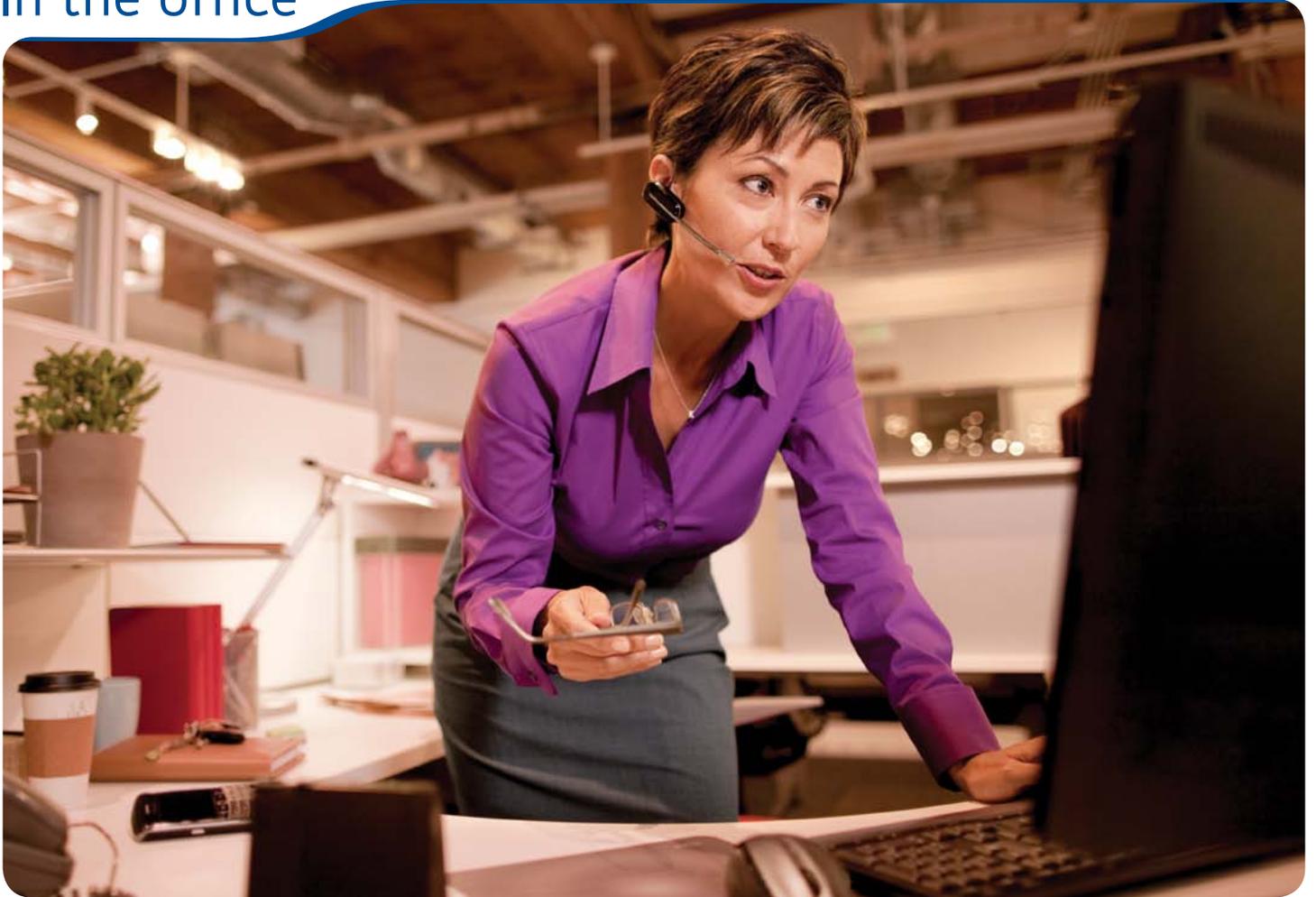
TCO approved headsets have fulfilled the following criteria:

- ✓ Ergonomics
- ✓ Emissions
- ✓ Ecology



Contents

In the office	4-10	
Contact Centre	11-17	
Mobile professional	18-24	
Home working professional	25-26	
Ultimate entertainment	27-31	
Gaming	32-35	



'I need to answer my calls, anywhere, in the office'

Office-based workers spend much of their day speaking to customers and colleagues on the phone. They're very busy and can't afford to waste time repeating information, or asking callers to do so, even though their desks are often located in a fairly noisy, open-plan office.

Office workers have to get the information they need from telephone conversations as quickly as possible, and sometimes they have to be highly persuasive during calls. They often have to wander around the office to speak with colleagues or attend meetings, and always have to be contactable. Clear communications are vital, so they must rise above the background noise anywhere in the office.

Office-based professionals need lightweight, easy-to-use tools that deliver the best possible audio quality with all-day talk time. These tools have to offer exceptional call quality and, ideally, the ability to roam away from desks within the same building. Workers need simple technologies that make life easier and require minimal support from the internal helpdesk.

Our Plantronics office headsets meet these everyday business demands.

Best for: Office professionals requiring a wireless headset to maximise collaboration through multiple devices

Savi® 700 series

The Savi 700 series wireless headset will intelligently manage your PC, mobile, and deskphone calls, and automatically update your UC presence status¹ so that colleagues can see your availability.

- Three-way connectivity lets you easily switch and mix audio
- Automatically routes mobile audio to whichever device you pick up
- UC presence automatically updated when on a PC, mobile or deskphone call
- Conference-in up to three additional headsets
- Advanced wideband audio using CAT-iq technology for high definition voice quality
- Noise-cancelling microphone reduces background noise interruptions
- Enhanced Digital Signal Processing (DSP) provides more natural voice sounds

TALKTIME	W710	W720	W730	W740
	9 hours	9 hours	6 hours	7 hours

¹ With supported softphones, using supplied Plantronics software.



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft Office Communicator

OPTIMIZED FOR
Microsoft Lync

Standard version: built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype



Best for: Mobile professionals, in and out of the office, using their PC for voice communications and multimedia

Savi® 430 / Savi® 440

Wireless headset with USB powered DECT™ dongle that delivers enterprise grade best-in-class audio for UC applications.

- DECT quality wireless audio for the PC
- Unsurpassed versatility with ease-of-use, modular design and cross-platform support
- 180° articulation of dangle providing the durability and stability needed in a portable environment
- Control panel settings – optional software install for easy setting of headset, base and PC media manager
- Excellent wideband PC audio quality that meets the highest industry standards
- Control call answer/end, volume and mute with a single button

TALKTIME	SAVI 430	SAVI 440
	7 hours	7 hours



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft Office Communicator

OPTIMIZED FOR
Microsoft Lync

Standard version: built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype



Best for: Office professionals working in busy fixed-desk environments

CS500™ series

The CS500 series is setting a new standard for wireless deskphone communications. The new convertible headsets feature streamlined design, improved performance, and the same great reliability.

- Gain mobility – multi-task hands-free up to 120 metres
- Audio controls volume/mute at your fingertips
- Conference-in up to three¹ additional headsets
- Use with Electronic Hookswitch Cable or Handset Lifter for remote call control¹
- DECT technology provides better audio; eliminates interference from Wi-Fi networks
- Advanced wideband audio using CAT-iq technology for high-definition voice quality
- Noise-cancelling microphone reduces background noise interruptions
- Enhanced Digital Signal Processing (DSP) provides more natural sounding voice

TALKTIME	CS510	CS520	CS540
	9 hours	9 hours	7 hours

¹ Sold separately.



Compatible with:



Best for:





Best for: Fixed desk office worker who needs to roam around the office

CS530™ **NEW**

The Plantronics CS500 Series is a headset system with a 120 metre wireless range, ideal for working in busy hot-desking environments, and with the ability to connect up to four headsets on a single call.

- Superior comfort and call management
- Outstanding audio quality
- Talk time/standby: CS530: Up to 6 hours
- Noise-cancelling microphone reduces background noise interruptions, ensuring great audio quality and easing listener fatigue
- Enhanced Digital Signal Processing (DSP) provides more natural sounding voice



Over-the-ear



Compatible with:



DESKPHONE

Best for:



OFFICE/
HOME OFFICE

Best for: Large unified communication deployments who need high quality headsets

Blackwire™ 300 series **NEW**

Simple-to-use, comfortable, and durable, great for conference calls, web-based training and PC multimedia applications.

- Two wearing styles available: binaural/hi-fi stereo or monaural design
- Lightweight metal headband offers durability and a customisable, comfortable fit
- Intuitive inline controls to answer/end calls, control volume, and mute
- Smartly placed indicator lights and helpful audio alerts
- Wideband audio with noise-cancelling for high-quality PC telephony
- Dynamic EQ feature automatically adjusts audio for voice or multimedia use
- Noise-cancelling microphone filters out background sound
- Enhanced Digital Signal Processing (DSP) provides more natural voice sound
- SoundGuard® technology provides protection against audio spikes
- Travel case provides a secure and convenient transportation option (optional accessory)



Compatible with:



PC

Best for:



OFFICE/
HOME OFFICE

MOBILE
WORKER

OPTIMIZED FOR
Microsoft®
Office Communicator

OPTIMIZED FOR
Microsoft® Lync™

Standard version:
built for PC audio
softphones from
Avaya, Alcatel, Lucent,
Cisco, IBM, Siemens
and Skype

Best for: Mobile professionals using their PC for UC and multimedia applications

Blackwire™ 420

In the office or on the road, the corded Blackwire 420 headset lets working professionals enjoy crystal-clear PC audio anywhere work happens.

- Folds flat for easy mobility
- A soft travel carrying case which provides extra protection and cord management
- Noise-cancelling microphone limits outside noise interruptions, ensuring excellent audio quality and easing listener fatigue
- Echo cancellation for full-duplex speakerphones when both the microphone and speaker are on at the same time
- Hi-Fi audio with stereo sound optimises music and video quality
- Wideband microphone provides the best PC audio telephony available
- Microphone, soft ear cushions, and a soft head-band adjusts for perfect fit and extended wear
- Total-focus sound reduction in a binaural design



Compatible with:



PC

Best for:



OFFICE/
HOME OFFICE



MOBILE
WORKER

OPTIMIZED FOR
Microsoft®
Office Communicator

OPTIMIZED FOR
Microsoft® Lync™

Standard version:
built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype

Best for: Mobile professionals using their PC for UC and multimedia applications

Blackwire™ 435

Wired USB headset with outstanding audio quality, designed for frequent use with PC softphone, multimedia and web-conferencing applications.

- Its modular design gives end users a choice of mono or stereo audio options and wearing styles
- Durable, portable design easily tucks into travel case
- Answer/end/mute controls simplify call management while inline indicator lights show call or mute status
- Noise-cancelling microphone reduces background noise
- Wideband delivers heightened speech clarity, providing the best possible PC audio quality
- A dynamic EQ feature optimises your voice quality when on calls and automatically adjusts the EQ settings when you're listening to music or want high quality sound for multi-media playback
- Neckband kit for behind-the-head wearing (includes neckband and larger carrying case)



Compatible with:



PC

Best for:



OFFICE/
HOME OFFICE



MOBILE
WORKER

OPTIMIZED FOR
Microsoft®
Office Communicator

OPTIMIZED FOR
Microsoft® Lync™



Standard version:
built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype

Best for: Frequent phone users looking for a professional UC headset with high-quality audio

Blackwire™ 600 series

For those who spend hours each day on long conference calls, webinars and video conferencing, the exceptional voice clarity and all-day comfort of the Blackwire 600 series make communications more effective and productive.

- Noise-cancelling microphone limits outside noise interruptions, ensuring excellent audio quality and easing listener fatigue
- Hi-Fi stereo sound ensures audio quality for calls and multimedia applications like music, video conferencing, etc. (C620 only)
- Call controls include call/answer/end button for easy call management
- Soft ear cushions and flexible headband adjusts for the perfect fit and all-day comfort
- QuickAdjust™ boom offers an adjustable boom angle, and microphone-to-mouth distance for optimal voice transmission
- Available in monaural (C610) and binaural (C620) wearing styles



Compatible with:



PC

Best for:



OFFICE/
HOME OFFICE



MOBILE
WORKER

OPTIMIZED FOR
Microsoft®
Office Communicator

OPTIMIZED FOR
Microsoft® Lync™

Standard version:
built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft® Office Communicator

OPTIMIZED FOR
Microsoft® Lync™

Standard version:
built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype



Best for: Mobile professionals who want to switch seamlessly between PC and mobile phone calls

Voyager™ PRO UC

Designed for mobile professionals in the office and on-the-go.

- Automatically answers calls simply by placing on your ear (dON/dOFF)
- Automatically transfers calls between mobile phone and headset
- When on a mobile or PC call, softphone presence is automatically updated
- Eliminates accidental dialling by locking call button when headset is not worn
- Dual-mic AudioIQ² DSP for noise cancellation, delivering clear voice quality
- Advanced WindSmart[®] technology provides three layers of wind protection
- Bluetooth[®] mini USB adapter can stay in your laptop port for always-ready connectivity
- Enhanced voice alerts – talk time, connection status, battery level, mute



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft® Office Communicator

OPTIMIZED FOR
Microsoft® Lync™

Standard version:
built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype



Best for: Mobile professionals who need a convertible headset to connect to the mobile phone and PC audio applications

Savi® Go

Incorporating wideband audio that sharpens PC voice and multimedia transmissions, the Savi Go features multiple wearing styles with the convertible style offering extended boom and noise-cancelling microphone.

- Wideband audio support on PC communications
- Bluetooth[®] wirelessly connects to your mobile phone
- In-use indicator light: button lights up when phone is in use
- One-touch multifunction call control: call answer/end, volume adjust and mute controls all on one button
- Choice of wearing styles for customisable comfort and fit



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft® Office Communicator

OPTIMIZED FOR
Microsoft® Lync™

Standard version:
built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype

Calisto 835



Computer Accessories Product Category



Best for: Home and private office professional who requires a multi-device communication

Calisto® 800 series

Experience a whole new way to manage your PC, mobile and home phone calls with the Calisto[®] 800 series multi-device Smartspeaker system. Enjoy premium sound, excellent audio quality and superior background noise cancellation in your home or office. The unique wireless microphone gives you remote call control and complete freedom of movement.

- Connects, and seamlessly switches, between calls from PC, mobile and home phone
- A 2.4" colour display and a touch-sensitive dial pad for easy caller ID viewing, dialing, answering, switching and muting across devices
- Full call control with Microsoft[®] Office Communicator and Microsoft[®] Lync[™] Server 2010
- For privacy, use with Bluetooth[®] or corded headsets/headphones (3.5mm)
- Wireless microphone offers unparalleled voice transmission and freedom of movement
- Remote answer/end/mute control
- Enables 360° small group conferencing when placed flat on a table

Best for: Mobile professional using their PC for voice communication

Calisto® 240 series

Get dialled into PC calling. Make the evolution to PC communications simple with the new Calisto® 240 USB handset. With its portable size, new LCD display and integrated speakerphone, managing PC calls on-the-go has never been easier. And with top of the line audio technology, you'll like how you sound too.

- A familiar handset design and phone features ease the transition to PC communications
- An easy to use dial pad and call answer/end, volume and mute controls enables seamless PC call management
- LCD screen for easy call ID viewing and menu navigation
- Wideband and noise-canceling microphone offer the best PC audio available
- Built-in, full duplex personal speakerphone, offers a high quality audio experience and hands-free convenience
- SoundGuard® provides protection against audio spikes
- Slim, portable design easily fits into laptop bag
- Powered by Plug-and-play USB connection, no batteries are required
- Includes protective carrying pouch



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft®
Office Communicator

OPTIMIZED FOR
Microsoft® Lync™

Standard version:
built for PC audio
softphones from
Avaya, Alcatel, Lucent,
Cisco, IBM, Siemens
and Skype

Best for: Group conference calls on-the-go

Calisto® 420

Transform any work space into a conference room with the portable Plantronics Calisto® 420. Ideal for small and medium-sized work areas, this compact speakerphone provides 360° room coverage and convenient call management via smooth integration with Microsoft® Lync™ and Office Communicator 2007. Full duplex wideband audio enhances UC communications and boosts meeting productivity. The Calisto 420 features a headphone jack that enables private phone calls. To achieve call clarity, the Calisto 420 includes acoustic echo cancellation, noise suppression and equaliser algorithms embedded within the product.

- Powered through the USB connection
- 3.5mm stereo jack for external loudspeakers and headphones
- Illuminated mute/un-mute and volume control functions
- Integrated microphone and loudspeaker – 360° room coverage with full duplex audio, echo cancellation and noise suppression
- Small footprint: 3.75" W x 1.25" H x 4.5" D



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft®
Office Communicator

OPTIMIZED FOR
Microsoft® Lync™

Standard version:
built for PC audio
softphones from
Avaya, Alcatel, Lucent,
Cisco, IBM, Siemens
and Skype

Best for: Business users requiring a familiar deskphone interface but with full UC functionality

Calisto® 540

Designed and optimised for Microsoft® Office Communicator 2007 and Microsoft® Lync™ Server 2010, the Calisto 540 USB deskphone bridges the gap between traditional phone functionality and PC communications.

- PC-powered deskphone, designed for use with Microsoft® Office Communicator 2007 and Microsoft® Lync™ Server 2010
- Simple USB plug-and-play design allows users to be up-and-running in minutes
- Wideband audio enhances speech clarity and reduces errors
- Excellent wideband PC audio quality that meets the highest industry standards
- Bright, backlit LCD display shows incoming caller ID, time and user's online status/presence
- One-touch audio management includes a volume control and mute key that lights up when activated
- The headset port is compatible with Plantronics H top headsets



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft®
Office Communicator

OPTIMIZED FOR
Microsoft® Lync™



Compatible with:



DESKPHONE

Best for:



OFFICE/
HOME OFFICE



Best for: Small office or home office workers who need to carry out other tasks whilst on a call and who want a complete headset solution

S12™

The Plantronics S12 headset is a complete solution for those looking for hands-free, headset convenience in a value package. It is suitable for up to four hours intensive use, or more if phone calls are intermittent, so it is ideal for use in a small or home office. The package features the DuoSet™ headset, with Plantronics' unique Firefly™ in-use indicator.

- Choose your preferred wearing style – the DuoSet headset is convertible (headband or over-the-ear)
- Crystal-clear sound – the noise-cancelling microphone ensures clear calls
- Full compatibility – works with the majority of corded business telephones
- Convenient features – in-use indicator lets others know when you are on the phone; volume adjustment for comfortable sound level

Compatible with:



TELEPHONE
LINE

Best for:



OFFICE/
HOME OFFICE



Best for: Small office or home office workers who need to carry out other tasks whilst on a call and who want a complete headset telephone solution

T10™

The Plantronics T10 is a complete solution if you are looking for a compact analogue headset telephone. This value package contains a single line analogue telephone and DuoSet™ headset, offering hands-free convenience and excellent sound quality – ideal for use in a small or home office.

- Control listening volume – set the volume at a level to suit you
- Adaptable and comfortable – DuoSet headset can be worn over-the-ear or behind-the-head as you prefer
- Crystal-clear sound – noise-cancelling microphone ensures clear phone calls
- Multi-tasking made easy – with a headset it's easy and comfortable to use the keyboard at the same time as speaking on the phone

Compatible with:



DESKPHONE

Best for:



OFFICE/
HOME OFFICE



Best for: Intensive phone users who require the ultimate in performance and comfort with full wideband audio

SupraPlus® wideband

The entire SupraPlus series takes advantage of wideband VoIP technologies. The extended noise-cancelling boom features new wideband receivers to deliver improved speech clarity and life-like fidelity – which helps to decrease listening errors, repeats and listener fatigue.

- Excellent receive-side audio quality – greater receive-side frequency response improves listening intelligibility
- Comfortable, lightweight design – adjustable headband, foam ear cushions create a stable, comfortable fit
- Bendable click-stop microphone boom – stays in position for clearer voice transmission
- Silver version – superior leatherette ear cushions
- Small, light, flexible cable – designed for lightweight durability, with a single-cable design for binaural models
- Quick call feature – headband twists out of the way for convenient quick call pick up
- Monaural or binaural styles – monaural lets you hear the conversation and what's going on around you, whilst binaural cuts out distracting background noises

Contact Centre



'I am the voice of the company'

For Contact Centre workers, every day is a whirlwind of conversations in which they provide expert help to a steady stream of customers. Every caller could have very different needs, and workers are under constant pressure to provide effective, personable service as quickly and efficiently as possible.

Contact Centre staff have to build a quick rapport with each new customer and ask them questions to establish key facts. It's also part of the job to persuade customers to take action, buy services and perform tasks. To achieve this, Contact Centre workers have to be able to hear the caller clearly and also rise above any chatter in the Contact Centre. They therefore need robust tools that can withstand constant daily use and are comfortable to use for long periods of time. These tools have to be able to reduce background noise, protect against sudden loud sounds and also provide crystal-clear audio quality at both ends of the line. Staff frequently have to escalate calls to colleagues both inside and outside the Contact Centre. The ability to see who is present, and available to take calls makes it much easier to quickly connect with others. Being able to make a three-way conversation with an expert and customer helps improve knowledge, improve customer experience and make workers more effective.

Our Plantronics Contact Centre headsets meet these everyday business demands.



Enhance your headset solution with an Audio Processor

Guaranteed sound quality that Contact Centre customers and agents demand

Varying call quality, background noise and chatter can all have a negative effect on the productivity and well-being of staff and the customer experience. Using a Plantronics Audio Processor can help improve efficiency, quality and help you hold clearer conversations with your customers.

- **Clearer conversations:** Audio Processors using digital sound processing optimise sound quality – making all calls crystal-clear wherever your customers are calling from – to ensure better customer satisfaction.
- **Controlling background noise and focusing on customers:** Audio Processors filter out unwanted noise at both ends resulting in quality, focused conversations with your customers.
- **Protecting your customers' privacy:** The noise reduction properties of a Plantronics Audio Processor significantly reduce the risk of your customers' personal data being heard by other callers.
- **Enhancing agents' well-being:** Audio Processors with Plantronics SoundGuard® Plus instantly reduce loud noises to a more comfortable level leaving human speech unchanged and your customer conversations uninterrupted.

How do I choose an Audio Processor?

This depends on the priorities you have as an organisation. We can group Contact Centre priorities into five key areas and for each of these, a Plantronics Audio Processor can improve the metrics and performance of your Contact Centre.

The table opposite shows the five key priorities and recommended Audio Processor.

Priority	Audio Processor
Agent productivity	VistaPlus™ AP15
Clearer conversations	Vista™ M22, VistaPlus™ AP15, DA60
Employee retention	VistaPlus™ DM15
Employee safety	VistaPlus™ DM15
Accuracy of Data Input	VistaPlus™ AP15
SIP Technology	IP40™

Best for: Contact Centre managers implementing an IP PBX or SIP to the desktop

IP40™

The IP40 Audio Processor is a dedicated SIP device that eliminates the need for Contact Centres to implement an IP phone and Audio Processor. By combining the devices, it offers all the advantages of an IP phone or soft client but none of their disadvantages.

- Improved availability over soft clients – not impacted by the state of the PC
- Simple user interface – no distractions – minimal desktop real estate
- Supports remote and home-shored call centre agents
- Plug-and-play installation and remote configuration



Compatible with:

SIP

Best for:



CONTACT CENTRES

Best for: Contact Centre managers who want better sound quality and enhanced intelligibility for their agents on IP softphones

DA series

Plantronics DA40™, DA55™ and DA60™ USB Audio Processors offer a superior audio performance for IP softphones. They maintain volume at a user selectable level, reduce line noise levels and remove echo. All these features add up to great sound quality that helps your agents hear the customer more clearly and be heard more clearly themselves. To ensure your upgrade to IP softphones goes smoothly, the DA55 supports Plantronics corded professional headsets allowing you to maintain your investment in Plantronics high-quality headsets.

- Maintains volume – at the user chosen level regardless of incoming call volume
- Outbound noise reduction – enhances the performance of all PLT headsets to reduce the background noise a caller hears
- Incoming noise reduction – lowers incoming noise to enhance the agents listening comfort
- Echo suppression – for improved VoIP call quality



Compatible with:



PC

Best for:



CONTACT CENTRES

Best for: Contact Centre managers who need to improve first call resolution and call time through better intelligibility

VistaPlus™ AP15™

Plantronics VistaPlus AP15 is an Audio Processor that will help you improve the important measures of call time or first call resolution in your Contact Centre. By using enhanced DSP algorithms and frequency shaping, the audio intelligibility of incoming calls is significantly improved, ensuring your agents hear the customer's voice much more clearly and make fewer mistakes. This enables them to make more calls and to improve customer satisfaction by removing unnecessary repetitions and recording customer details correctly first time.

- Improves poor or degraded audio quality on calls from sources such as mobile and cordless phones
- Helps eliminate echo and filter-out background noise
- Automatically adjusts the volume to the user's preferred level



Compatible with:



DESKPHONE

Best for:



CONTACT CENTRES

Compatible with:



DESKPHONE

Best for:



CONTACT CENTRES



Best for: Contact Centre managers who want better sound quality and enhanced intelligibility for their agents

Vista™ M22™

Plantronics Vista Audio Processors offer a superior audio performance compared to direct connect headsets. They maintain volume at a user selectable level, and reduce line noise levels. All these features add up to great sound quality that helps your agents hear the customer more clearly and be heard more clearly themselves.

- Maintains volume – at the user chosen level regardless of incoming call volume
- Outbound noise reduction – enhances the performance of all PLT headsets to reduce the background noise a caller hears
- Incoming noise reduction – lowers incoming noise to enhance the agent's listening comfort



Compatible with:



DESKPHONE

Best for:



CONTACT CENTRES



Best for: Contact Centre managers looking for improved productivity through enhanced intelligibility and premium acoustic protection for their agents

VistaPlus™ DM15™

Plantronics VistaPlus DM15 Audio Processor uses Digital Signal Processing (DSP) to deliver unsurpassed acoustic protection and sound quality. SoundGuard® DIGITAL™ technology reduces sudden, loud sounds and monitors and controls daily personal noise exposure to maximise comfort and safety – helping businesses comply with the latest EU noise at work legislation.

- Digital Signal Processing (DSP) – frequency response shaping maximises speech intelligibility
- Protection against sudden sounds – removes sudden unwanted noises such as fax or DTMF tones, and feedback
- Keeps headset sound exposure level to below legislative limits (85 or 80dB)
- Maintains volume at the user chosen level regardless of incoming call volume



Compatible with:



DESKPHONE

PC

Best for:



CONTACT CENTRES



Best for: Contact Centre managers who want better sound quality and enhanced intelligibility with added PC connectivity

Vista™ MX10™

Plantronics Vista Audio Processors offer a superior audio performance compared to direct connect headsets. They maintain volume at a user selectable level, and reduce line noise levels. All these features add up to great sound quality that helps your agents hear the customer more clearly and be heard more clearly themselves. The MX10 offers the flexibility of connection to both your telephone and your PC-based UC application simultaneously.

- Maintains volume at the user chosen level regardless of incoming call volume
- Outbound noise reduction – enhances the performance of all PLT headsets to reduce the background noise a caller hears
- Incoming noise reduction – lowers incoming noise to enhance the agent's listening comfort
- Connection to two audio channels simultaneously – switch between, or mix together audio from your PC-based UC application and your deskphone





Best for: Office professionals requiring a wireless headset to maximise collaboration through multiple devices

Savi® 700 series

The Savi 700 series wireless headset will intelligently manage your PC, mobile, and deskphone calls, and automatically update your UC presence status¹ so that colleagues can see your availability.

- Three-way connectivity lets you easily switch and mix audio
- Automatically routes mobile audio to whichever device you pick up
- UC presence automatically updated when on a PC, mobile or deskphone call
- Conference-in up to three additional headsets
- Advanced wideband audio using CAT-iq technology for high definition voice quality
- Noise-cancelling microphone reduces background noise interruptions
- Enhanced Digital Signal Processing (DSP) provides more natural voice sounds
- Helps businesses comply with EN 2003/10/EC European directive (Noise@Work legislation) by keeping headset sound exposure level below the 85dBA legislative limit.

¹With supported softphones, using supplied Plantronics software.



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft
Office Communicator

OPTIMIZED FOR
Microsoft Lync

Standard version:
built for PC audio
softphones from
Avaya, Alcatel, Lucent,
Cisco, IBM, Siemens
and Skype



Best for: Contact Centre agents looking for unmatched comfort, style and audio quality

EncorePro™

The award-winning EncorePro, incorporates form and function, resulting in a lightweight headset that is stylish and practical, with unsurpassed sound quality, comfort and reliability.

- Enhanced noise-cancelling and wideband audio give you clearer conversations with your customers
- Distinctive and unique design provides high-performance and a stylish look
- Seven axes of adjustability ensure you can wear the headset in the most comfortable position
- Choose the monaural style to confer with colleagues, or the binaural style to block out background noise
- VoIP ready, preserve your investment through future phone system upgrades



Compatible with:



Best for:



Compatible with:



DESKPHONE

Best for:



CONTACT CENTRES



Best for: Contact Centre managers looking to improve productivity through enhanced intelligibility and premium acoustic protection

EncorePro™ DIGITAL

The combination of VistaPlus and EncorePro DIGITAL offers the best of both worlds for Contact Centres. The VistaPlus adapts its characteristics to match each EncorePro DIGITAL headset, ensuring enhanced intelligibility for agents allowing them to hear customers more clearly and be more productive.

- Digital Signal Processing (DSP) – frequency response shaping maximises speech intelligibility
- Protection against sudden sounds – removes sudden unwanted noises such as fax or DTMF tones, and feedback
- Keeps headset sound exposure level to below legislative limits (85 or 80dB)
- Maintains volume at the user chosen level regardless of incoming call volume

Compatible with:



DESKPHONE

Best for:



CONTACT CENTRES



Best for: Contact Centre agents looking for a combination of performance, reliability and comfort

SupraPlus®

Contact Centre professionals need crystal-clear sound and all-day wearing comfort and reliability. The Plantronics SupraPlus offers all of this and more, making it the world's most popular headset family. The monaural design features a unique T-pad giving comfortable, natural support, while the binaural features a single cable design for increased comfort and convenience.

- Wide choice of models – to meet personal preferences, monaural or binaural, voice-tube or noise-cancelling
- Single cable binaural – for complete comfort and convenience
- QuickCall feature allows you to take a call quickly and easily
- Robust design and construction for exceptional reliability

Compatible with:



DESKPHONE

Best for:



CONTACT CENTRES



Best for: Contact Centre agents who require a headset that is fully compatible with their hearing aid

SupraPlus® hard-of-hearing

The Plantronics SupraPlus hard-of-hearing series offers all the benefits of the standard SupraPlus: comfort, reliability and durability, and adds compatibility with hearing aids set to the 'T' position. The receive volume levels are the same as a standard SupraPlus, and the same reliable acoustic shock protection is fitted. The SupraPlus hard-of-hearing series has been designed to comply with European standards for telephony and hearing aids.

- Compatible with hearing aids set to the 'T' position
- Complies with ETS 300 381 – (inductive coupling of telephone earphones to hearing aids)
- Monaural or binaural – make your choice depending on your preferences
- Single cable binaural – for complete comfort and convenience



Best for: Occasional Contact Centre phone users looking for simplicity with basic functionality

Entera™ /Practica™

An entry level headset with limited features, available in a monaural style that can be worn on either ear or binaural, to block out background noise.

- Everything you need to start talking – the headset includes a connection to the phone
- Noise reducing microphone for improved intelligibility
- Choose the monaural style to confer with colleagues or the binaural style to block out background noise
- Wideband audio to help you preserve investment when moving to VoIP
- Comfortable and lightweight
- Only available outside the European Union – Practica is not CE marked



Available in non-European countries only



Compatible with:



DESKPHONE

Best for:



CONTACT CENTRES

Best for: Making the most of your deskphone and PC

MDA200™

One USB headset to handle it all. Step smartly into Unified Communications with the MDA200 headset communications hub – the first and only solution that connects to a corded or wireless USB headset for calls from any device.

- Allows the choice of one corded or wireless USB headset for users in the office or on-the-go
- Simple user interface to easily answer, end, hold and switch between deskphone and PC calls
- Supports remote call control with Plantronics corded and wireless USB headsets
- Manage calls from PC, deskphone and even a mobile phone when used with Bluetooth USB headsets (like Voyager PRO UC)
- Compatible with Plantronics corded deskphone headsets when used with a USB adapter
- True voice clarity with wideband/stereo audio support
- Plug-and-play, hassle-free installation
- Compatible with PC calling from every major UC provider



Compatible with:



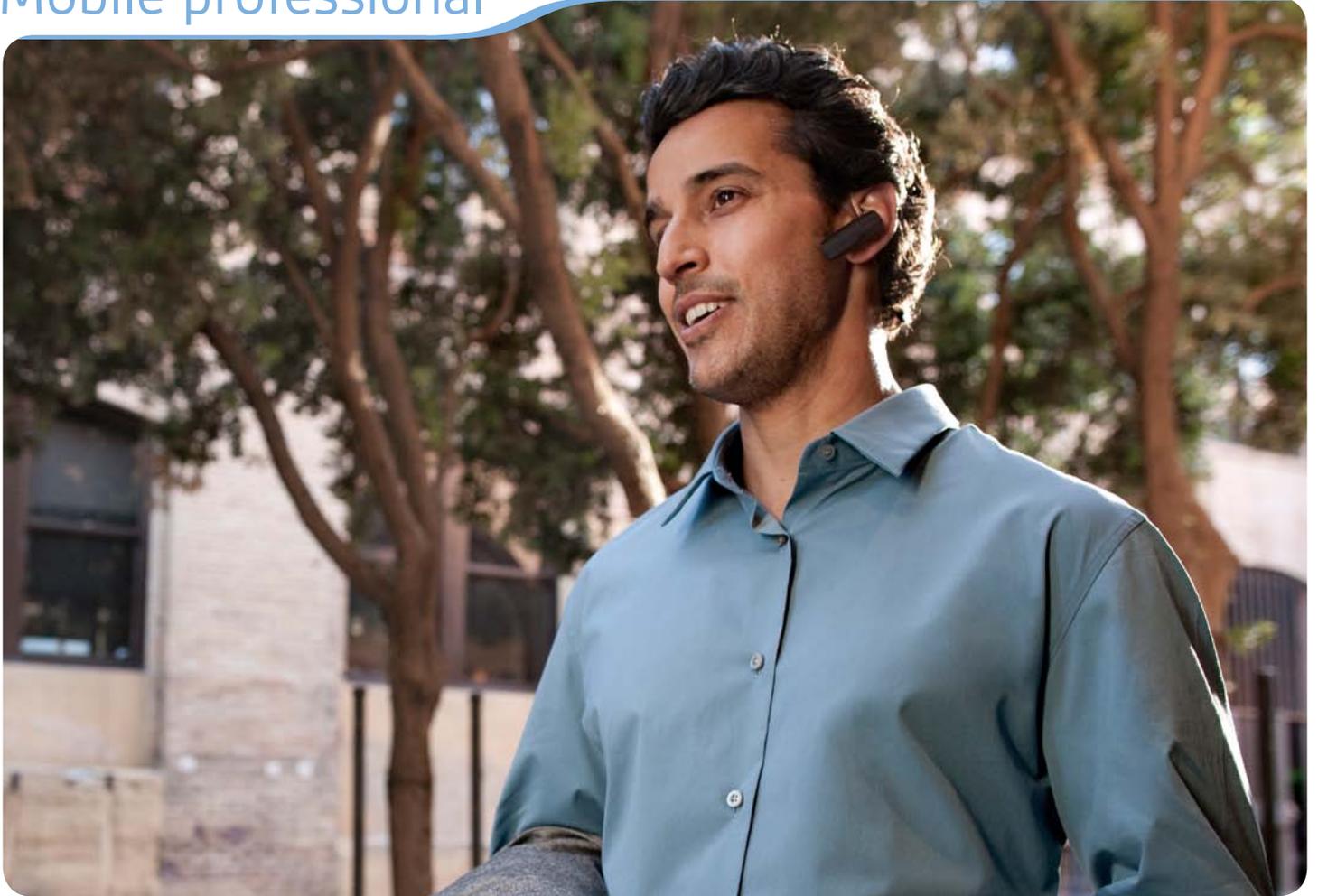
DESKPHONE

Best for:



CONTACT CENTRES

Mobile professional



‘I work anywhere, just not in the office’

Mobile professionals are always on the move, out of the office, in the car, usually on the phone and hard at work wherever they go. They can't afford to run out of power or be held back by their environment. They know they have not only the freedom to communicate how, where and when they want – across any platform they choose – they also know that technology can empower them to make the most of their increasingly precious work and play time. And they want to use it to the full.

They therefore need lightweight, easy-to-use tools that offer top quality phone and networking capabilities with all-day talk time. These have to offer the mobile worker clear call quality, even when there is background noise, and also simplify call management over multiple devices. Because they're frequently holding a phone to their ear, mobile professionals worry about back pain and the health risks of mobile use. Having both hands free while on calls feels more natural and comfortable. It also makes it easier to multi-task and answer calls while carrying a bag. What's more, mobile workers want mobile devices that not only support their working style – they also expect devices that work with their lifestyle and help them to interact through the social media.

Our Plantronics mobile headsets meet these everyday business and lifestyle demands.



Best for: Mobile professionals who want to switch seamlessly between PC and mobile phone calls

Voyager™ PRO UC

Designed for mobile professionals in the office and on-the-go.

- Automatically answers calls simply by placing on your ear (dON/dOFF)
- Automatically transfers calls between mobile phone and headset
- When on a mobile or PC call, softphone presence is automatically updated
- Eliminates accidental dialling by locking call button when headset is not worn
- Dual-mic AudiIQ² DSP for noise cancellation, delivering clear voice quality
- Advanced WindSmart[®] technology provides three layers of wind protection
- Bluetooth[®] mini USB adapter can stay in your laptop port for always-ready connectivity
- Enhanced voice alerts – talk time, connection status, battery level, mute



Compatible with:



Best for:



OPTIMIZED FOR
Microsoft Office Communicator

OPTIMIZED FOR
Microsoft Lync

Standard version:
built for PC audio softphones from Avaya, Alcatel, Lucent, Cisco, IBM, Siemens and Skype



Best for: Redefining hands-free convenience with Smart Sensor™ technology so you can answer calls simply by putting it on

Voyager™ PRO HD

Apps that offer tips, tricks and tools for your Android™ or iPhone, brilliant HD audio and superior comfort make this the smartest headset for smartphones.

- Revolutionary Smart Sensor technology automatically answers calls when you put on your headset
- Smart Sensor technology knows whether to send calls to your mobile phone or your headset
- Streams music, podcasts, GPS directions and other audio
- Pauses streaming audio for calls or when the headset is taken off
- Voice alerts announce talk time, volume, connection and more
- Eliminates accidental dialling by locking call button when headset is not worn
- Monitor your headset battery level on-screen with Android and iPhone
- Plantronics MyHeadset™ app gives you tips, tricks and tools for Android phones
- Experience brilliant, HD streaming audio plus natural, clear calls



Compatible with:



Best for:



Best for: Consumers looking for an elegant high performance headset combining simplicity with ease-of-use in a beautiful design

Discovery® 975

The Plantronics Discovery 975 is ingeniously simple in its technology and design. Inspired engineering blends noise-cancelling AudiIQ² technology, with wind protection and easy connectivity for premium performance.

- AudiIQ² technology intelligently removes background noise
- WindSmart[®] technology provides 3 layers of wind noise protection
- Carrying case with rechargeable battery triples earpiece talk-time (15 hours' talktime with case, 5 hours' for ear piece)
- Lightweight, easy on/off design
- Dual-microphones capture your natural voice quality
- Patented gel ear tips (S, M, L) for stable, comfortable fit
- Voice prompts for: mute status, on/off low battery status and lost communication



Compatible with:



Best for:



Compatible with:



MOBILE

Best for:



COMFORT



Best for: Mobile power users who need to stay connected wherever they are

ML12™

Whether you're in the car, at home or on a bus to the gym – effortless, hands-free conversation is easy with the ML12. Going hands-free is simple with separate buttons for volume, power on/off and call answer/end. Designed to fit comfortably in either ear, the contoured eartip provides even greater audio clarity.

- Lightweight, comfortable, secure fit
- Stylish looks and great audio quality
- Quick, easy set-up with Bluetooth® phones
- Convenient on-off switch and battery level check at power-on



Compatible with:



MOBILE

Best for:



COMFORT



Best for: Mobile power users who love to chat with friends whenever possible

M20™

More talking, less charging. Extended battery life, whispered talk-time alerts and noise reduction make every call a breeze. Avoid recharging for even longer by using the power switch between calls, and if you have an iPhone, you can monitor battery life onscreen. So talk freely knowing you have the time you need and the technology you want.

- Users don't have to recharge very often
- Fights noise and wind for clear calls
- iPhone displays headset battery meter
- Power switch lets you extend battery life
- Voice alerts tell you talk time, volume, connection and more
- Pair two phones and take a call from either one
- Comfortably fits either ear
- Works with Bluetooth® phones



Compatible with:



MOBILE

Best for:



COMFORT



Best for: Mobile users who want a headset capable of more than just making calls

M25™

The Plantronics M25™ Bluetooth® headset features DeepSleep™ mode to stay charged for up to five months, so it's ready when you want it. You can listen to music, Internet radio, or driving directions and never miss a call. Whispered alerts keep you informed about battery level, Bluetooth connection, and more.

- DeepSleep™ mode extends battery life for up to five months
- Hear music, videos, driving directions, and more from your smartphone
- Voice alerts whisper talk time, battery level, and more
- Enhances clarity on wideband-enabled smartphones
- Reduces noise, wind, and echo from calls
- Fits comfortably in either ear



Best for: Intensive mobile users who want a headset capable of more than just making calls

M50™

Use your headset to stream music, podcasts, gps and more, so that you stay connected and entertained. Talk for days between recharges, get whispered talk time alerts, and if you have an iPhone, you can monitor battery life onscreen. Blocks background noise and wind for crystal-clear calls.

- Lets you make hands-free calls and enjoy music
- Fights noise and wind for clear calls
- Power switch lets you extend battery life
- iPhone displays headset battery meter
- Voice alerts tell you talk time, volume, connection and more
- Single-ear stereo
- In-car charger for convenient charging
- Pair two phones and take a call from either one
- Comfortably fits either ear



Compatible with:



MOBILE

Best for:



IN-CAR



Best for: Mobile users who want a headset capable of more than just making calls

M55™

The Plantronics M55™ Bluetooth® headset lets you do more with your voice – answer calls without pressing buttons or use the Vocalyst® service to manage emails. DeepSleep™ mode lets the M55 stay charged for up to five months, so it's ready when you want to hear music, Internet radio, or simply take a call.

- DeepSleep™ mode extends battery life for up to five months
- Take calls without pressing a button – just say "Answer"
- Car charger included
- Hear music, videos, driving directions, and more from your smartphone
- Voice alerts whisper talk time, battery level, and more
- Enhances clarity on wideband-enabled smartphones
- Reduces noise, wind, and echo from calls
- Fits comfortably in either ear
- Comfortably fits either ear



Compatible with:



MOBILE

Best for:



IN-CAR



Compatible with:



MOBILE

Best for:



COMFORT

Best for: Headsets made for smartphones enhanced with apps

Marque™ M155™

Free your smartphone from your ear. Sleek and lightweight, the Plantronics® Marque™ M155™ Bluetooth® headset with its dedicated app is the perfect companion for your smartphone. Talk while you tap, type and swipe and plug in the 2-in-1 cable to charge your headset and phone simultaneously. Marque is enhanced with apps, enabled with voice activated answering and enriched audio streaming capabilities.

- MyHeadset™ app for Android™ and iPhone helps you get paired quickly, provides an animated user guide and much more
- 2-in-1 cable lets you charge headset and smartphone together
- Take calls without pressing a button – just say “Answer”
- Stream music, podcasts, Internet radio, GPS directions and more
- Excellent sound quality in an amazingly lightweight design



Portable Multimedia Accessories Category



Compatible with:



MOBILE

Best for:



MOBILE WORKER

Best for: Mobile professionals looking to control their smartphones with their voice

M1100™

The Plantronics M1100 headset is your smartphone assistant. Now your voice is in control with a headset that responds to your every need.

- Convenient voice commands to control your headset
- Three microphones deliver superior sound quality
- AudioIQ³ and DSP reduce background noise
- A2DP for streaming music, podcasts and more
- Whispered voice alerts for low battery and more
- Dedicated on/off switch preserves battery power
- Flexible silicone ear gel tips
- Easy to put on to quickly answer calls
- Lightweight and comfortable design



Wireless Handsets Accessories Category



Best for: Mobile professionals looking for an easy to install hands-free speakerphone for their car

K100™

The Plantronics K100 in-car speakerphone is the hands-free solution for your smartphone while on the road. Stereo streaming for music, navigation and apps keep you in touch, whilst dual microphones and noise cancellation deliver Plantronics signature sound quality for your calls. The Plantronics K100 is perfect for a smarter lifestyle, on the road.

- Dual microphones and Digital Signal Processing (DSP) focus on your voice and cancel out the noise around you
- Echo cancellation improves listening on both sides of the call
- High-quality speaker ensures every call is heard clearly
- A2DP lets you stream music, podcasts, GPS navigation
- Voice alerts keep you informed of the speakerphone's status
- FM transmitter allows you to play music, conversations and other audio through your car's speakers



FM transmitter
Streams audio to car speakers

Bluetooth®

Compatible with:



MOBILE

Best for:



MOBILE WORKER



IN-CAR



Best for: Perfect for music, chats, games

BackBeat® GO NEW

Wireless earbuds – incredibly small, amazingly light.

- Amazingly light, incredibly small wireless stereo earbuds with microphone
- Compact design easily slips into your pocket and tangle-free cable keeps things simple
- Enjoy your favourite music or movie with up to 4.5 hours of listening and talk time
- Three sizes of cushioned eartips and optional stabilizers make the fit custom and comfortable
- Inline controls make it easy to take calls, skip tracks and adjust volume
- Bluetooth® technology lets you connect to smartphones or tablets for music, media, and calls
- Big sound in a small package – sound-isolating buds for rich stereo sound
- Charge your earbuds and phone simultaneously with the 2-in-1 USB charging cable
- Battery meter shows automatically on your iPhone or iPad indicating the charge left on your earbuds
- Plantronics MyHeadset™ app enables an earbud battery meter on Android™ 3.0 tablets, and Android 4.0 phones and tablets



Compatible with:



STEREO MOBILE

Best for:



STEREO MUSIC



Compatible with:



MOBILE

Best for:



STEREO
MUSIC



Best for: Music listeners looking to replace their Apple earphones

BackBeat™ 116

Plantronics BackBeat 116 stereo headphones with microphone are the perfect replacement of Apple earphones for those looking for quality sound and great value. They're compatible with iPhone, most smartphones and MP3 players, so you can listen to music and quickly take calls through the inline controller with microphone.

Enjoy excellent sound value with light and efficient neodymium-based micro-speakers that deliver great balance and tone.

- Compatible with iPhone®, iPod® and iPad®
- Manage your music and calls with the inline controller with play, skip and call answer/end
- Durable cloth cord means less time spent detangling headphone cords and more time listening to music
- Lightweight earbud headphones with microphone designed with a stylish anodised metal finish

Compatible with:



MOBILE

Best for:



STEREO
MUSIC



Best for: Music lovers looking to upgrade their Apple in-ear headphones

BackBeat™ 216

Listening to music or taking calls on your smartphone just got easier with the Plantronics BackBeat 216 stereo headphones. The convenient inline controller provides volume control, play and skip track functions. Designed for boosted bass with adjustable, cushion-comfort silicone earbuds so you'll experience deep, rich audio.

Bass boost and neodymium-based micro-speakers create an enhanced audio experience so you can hear music the way it was intended.

- Made for iPhone, iPod and iPad
- A 6-piece fit kit with multiple silicone ear tips to isolate noise for the best sound and clearest calls possible
- Keep your iPhone in your pocket or bag while you manage your music and calls with the inline controller with microphone
- Durable cloth cord means less time spent detangling headphone cords and more time listening to music

Compatible with:



STEREO
MOBILE

Best for:



STEREO
MUSIC



Best for: Music lovers wanting headphones to take calls and listen to music on their stereo-enabled mobile phone

BackBeat™ 903+

Flexible, durable, lightweight headphones for the individual on-the-go.

- Use with compatible music devices and stereo phones supporting the Bluetooth® A2DP profile
- Binaural telephony including dual-microphone technology which delivers superior sound quality
- ListenUp functionality to hear outside environment
- Adjust the fit of the ear pieces to maximise wearing comfort and provide personal audio positioning
- Lightweight, flexible behind-the-neck style for comfort which can fold down for easy storage

Home working professional



'I'm always at work, even when I'm at home'

Home-based professionals can't afford to be disconnected from the office, or out of reach of their colleagues. They need to be permanently visible to the business and have constant access to office-based information and resources. This means they depend on reliable network connectivity with e-mail, Internet and all the applications available to everyone else back at headquarters. It also means being able to manage calls effectively, even when they come through on multiple devices.

Home-workers therefore need tools that are straightforward to install, easy to use and offer top-quality phone and networking capabilities. They need to simplify call-management across multiple devices and keep their colleagues informed of their availability so they can be reached easily. And they need ergonomically designed devices that work with them. Because their office is also their home, home-based professionals don't want bulky equipment or cabling that clutter their personal space. They also want to take advantage of the fact that they are telephone-based and can have both hands free to engage in other tasks while on the phone. Long hours on the phone mean that comfort and posture are also important considerations

Our Plantronics headsets meet these everyday business demands.

Compatible with:



Best for:



Optimized for
Microsoft®
Office Communicator

Optimized for
Microsoft® Lync™

Standard version:
built for PC audio
softphones from
Avaya, Alcatel, Lucent,
Cisco, IBM, Siemens
and Skype

Calisto 835



Best for: Home and private office, professional who requires a multi device communication

Calisto® 800 series

Experience a whole new way to manage your PC, mobile and home phone calls with the Calisto 800 series multi-device Smartspeaker system. Enjoy premium sound, excellent audio quality and superior background noise cancellation in your home or office. The unique wireless microphone gives you remote call control and complete freedom of movement.

- Connects and seamlessly switches between calls from PC, mobile and home phone
- A 2.4" colour display and a touch sensitive dial pad for easy caller ID viewing, dialling, answering, switching and muting across devices
- Full call control with Microsoft® Office Communicator and Microsoft® Lync™ Server 2010
- For privacy, use with Bluetooth® or corded headsets/headphones (3.5mm)
- Wireless microphone offers unparalleled voice transmission and freedom of movement
- Remote answer/end/mute control
- Enables 360° small group conferencing when placed flat on a table

Compatible with:



Best for:



Optimized for
Microsoft®
Office Communicator

Optimized for
Microsoft® Lync™

Standard version:
built for PC audio
softphones from
Avaya, Alcatel, Lucent,
Cisco, IBM, Siemens
and Skype



Best for: Mobile professionals using their PC for UC and multimedia applications

Blackwire™ 420

In the office or on the road, the corded Blackwire 420 headset lets working professionals enjoy crystal-clear PC audio anywhere work happens.

- Folds flat for easy mobility
- A soft travel carrying case which provides extra protection and cord management
- Noise-cancelling microphone limits outside noise interruptions, ensuring excellent audio quality and easing listener fatigue
- Echo cancellation for full-duplex speakerphones when both the microphone and speaker are on at the same time
- Hi-Fi audio with stereo sound optimises music and video quality
- Wideband microphone provides the best PC audio telephony available
- Microphone, soft ear cushions, and a soft headband adjusts for perfect fit and extended wear
- Total-focus sound reduction in a binaural design

Compatible with:



Best for:



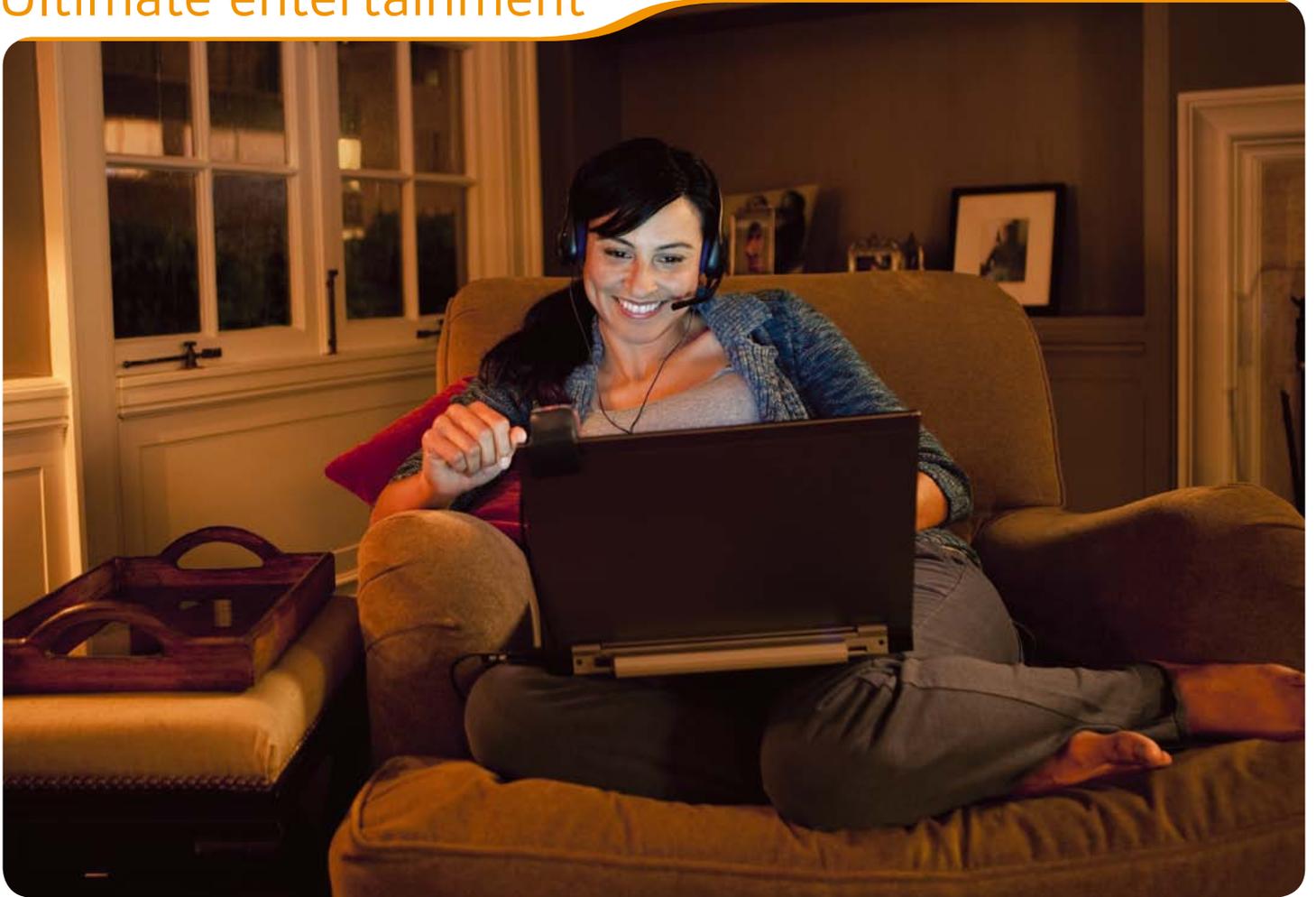
Best for: Home office or small office workers who make long conference calls or need to use a keyboard while on a call

C65™

The C65 headset can be registered to GAP-compatible DECT telephones for hands-free, wireless freedom. It is ideal for home use and long conference calls (or even site-roaming when paired with a DECT PBX).

- Freedom to roam – once registered, these headsets become an extension to your DECT phone or wireless PBX
- Crystal-clear sound – all headsets have noise-cancelling microphones

Ultimate entertainment



'I work to live, not live to work'

Connected consumers work hard during the day, but live for the evenings and weekends, when they like to relax and catch-up with friends. Technology is a focal point because it can act as both a social and entertainment hub.

It can often be difficult to find a quiet space to take calls, and connected consumers often have to compete with various levels of background noise. That can also get in the way of listening to music on their laptop, or engaging properly with films and games. Indeed, they would really like to create their own private world that follows them wherever they go.

They need lightweight, easy-to-use tools that look good, and are tough enough to survive frequent use. These tools must deliver immersive, hi-fi-quality audio that can drown out any background noise, and also clearly pick up and amplify the spoken voice.

Staying in touch is also crucial when they're away from home, because they keep in regular contact with friends from around the world using voice over IP (VoIP), Facebook and instant messaging applications. Being able to switch seamlessly from watching a film to being on a call is very useful.

Our Plantronics headsets meet these everyday lifestyle demands.

Compatible with:



PC

Best for:



INTERNET
CHAT

SPEECH
RECOGNITION



Best for: Consumers using Internet telephony wanting to clarify voice command-and-control applications

.Audio™ 310

The Plantronics .Audio 310 conveys exceptional voice precision in a monaural design that keeps you tuned to your surroundings. Experience speech-based applications such as Internet telephony in crisp, audio clarity. A superior noise-cancelling microphone enhances speech accuracy. It's easy to set up and install – just plug it in and start communicating.

- Monaural – wear it on left or right side, for total comfort and to keep in touch with other sounds
- Noise-cancelling microphone reduces background noise and ensures crystal-clear audio quality
- Easy to connect – no software or drivers, simply plug in the 3.5mm jacks
- Adjustable boom – enables you to easily move the microphone to the ideal position

Compatible with:



PC

Best for:



INTERNET
CHAT

SPEECH
RECOGNITION



Best for: Consumers wanting a full-range stereo sound via your PC

.Audio™ 322

A multi-purpose headset that delivers rich stereo sound.

- Full-range stereo intensifies audio experience
- Noise-cancelling microphone boosts speech accuracy
- Adjustable boom assures ideal position
- Microphone boom stows discreetly out of the way when listening to music and watching DVDs
- Lightweight and comfortable headband ensures all-day wear
- Swivel-mounted, soft ear-pads provide comfort and acoustic accuracy

Compatible with:



PC

Best for:



INTERNET
CHAT

SPEECH
RECOGNITION



Best for: Consumers wanting a full-range stereo sound via your PC

.Audio™ 326

The Plantronics .Audio 326 with simple plug-and-go connectivity has full-range rich stereo via your PC and a noise-cancelling microphone for voice accuracy – making it ideal for Internet telephony. Lightweight, flexible headband with soft, swivel-mounted ear cushions, adjustable telescoping, bendable voice boom and inline volume and mute controls, mean it is both easy and comfortable to use.

- Intense audio experience – full-range stereo for rich, full sound
- Noise-cancelling microphone reduces background noise and ensures crystal-clear audio quality
- Easy to connect – no software or drivers, simply plug in the 3.5mm jacks
- Convenient controls – inline volume and mute controls give you full control over your listening and speaking experience

Best for: Consumers wanting a full-range stereo via the PC with crystal-clear accuracy for sound recording and voice applications

.Audio™ 345

The Plantronics .Audio 345 gives rich stereo and crystal-clear voice accuracy for music, gaming, DVDs, Internet telephony, sound recording and voice applications. The lightweight, discreet, behind-the-head design and soft, swivel-mounted ear cushions, let you work and play in plush, all-day comfort.

- Intense audio experience – full-range stereo for rich, full sound
- Noise-cancelling microphone reduces background noise and ensures crystal-clear audio quality
- Easy to connect – no software or drivers, simply plug in the 3.5mm jacks
- Convenient controls – inline volume and mute controls give you full control over your listening and speaking experience
- Vista compliant



Compatible with:



PC

Best for:



INTERNET CHAT



SPEECH RECOGNITION

Best for: Consumers wanting to super-charge their music and gaming experience

.Audio™ 355

For quality and versatility, choose the Plantronics .Audio 355 multi-media headset. Music, DVDs and games are even more enjoyable with 40mm stereo speakers, delivering studio-quality audio with maximum bass response. Outstanding voice quality, precise microphone placement, and noise-cancelling features ensure that Internet callers hear you clearly. And games never sounded better.

- Rich stereo sound – 40mm speakers give rich sound and resonant bass
- Noise-cancelling microphone reduces background noise and ensures crystal-clear audio quality
- Adjustable microphone boom – ideal for placement for improved communications
- Stowable boom microphone ensures it is neatly stored when listening to music or watching DVD
- Convenient controls – inline volume and mute controls give you full control over your listening and speaking experience
- Lightweight and adjustable – headband delivers all-day comfort



Compatible with:



PC

Best for:



INTERNET CHAT



STEREO MUSIC





Compatible with:



PC

Best for:



INTERNET
CHAT

SPEECH
RECOGNITION

WIRELESS



Best for: Consumers wanting a high-performance digital wireless headset

.Audio™ 995 USB

The Plantronics .Audio 995 digital wireless PC headset combines the latest wireless technology with superb audio drivers to deliver exceptional performance up to 12 metres from your PC. All the music and volume controls are intuitively placed on the ear-pod for quick and easy control, and the extended battery life ensures you will always be connected.

- Auto pairing and USB connection
- Extended battery time
- Noise-cancelling microphone enhances speech recognition accuracy
- Full-range digital stereo sound with maximum bass
- QuickAdjust telescoping, bendable boom assures ideal placement
- One touch volume and music controls on the earpiece
- Built-in microphone mute function on the boom
- Padded ear cushion
- Lightweight, comfortable stereo headset can be folded for travel-friendly storage

Compatible with:



PC

Best for:



INTERNET
CHAT



Best for: Consumers travelling from place to place needing a portable PC headset

.Audio™ 478

It delivers voice conversations so clear that it has earned Skype™ Certification. Featuring a noise-cancelling microphone and Digital Signal Processing to reduce echo and background sounds, the .Audio 478 boosts natural voice frequencies for the clearest and most natural sounding conversation possible.

- Foldable design means you can enjoy great audio wherever you are
- Skype Certified for a better chatting experience
- Answer and end Skype calls right from the headset*
- DSP provides wideband audio and acoustic echo cancellation
- Noise-cancelling microphone reduces noise for clearer conversations
- Easy-to-use in-line volume, mute and call controls
- Soft foam ear-pads and lightweight materials ensure a comfortable fit
- Convenient carry case for travelling



* Requires installation of Plantronics software available at plantronics.com/audio

Best for: Extremely lightweight and Skype™ certified with clear HD sound for internet calls.

.Audio™ 628

Features noise-cancelling microphones and Digital Signal Processing to reduce echo and background sounds, and also boost natural voice frequencies for the clearest and most natural-sounding conversations possible. The headsets also has digitally equalised 24-bit Hi-Fi stereo audio, meaning you get to enjoy Skype™ calls, online TV, music, games and more in true HD sound.

- Skype Certified for a better chatting experience
- Answer and end Skype calls right from the headset*
- DSP provides wideband audio and acoustic echo cancellation
- Noise-cancelling microphone reduces noise for clearer conversations
- Easy-to-use in-line volume, mute and call controls
- Soft foam ear-pads and lightweight materials ensure a comfortable fit

* Requires installation of Plantronics software available at plantronics.com/audio



Compatible with:



PC

Best for:



INTERNET CHAT



Best for: Skype™ certified, lightweight with clear HD sound for internet video calls

.Audio™ 648

Features noise-cancelling microphones and Digital Signal Processing to reduce echo and background sounds, and also boost natural voice frequencies for the clearest and most natural-sounding conversations possible. The headsets also has digitally equalised 24-bit Hi-Fi stereo audio, meaning you get to enjoy Skype™ calls, online TV, music, games and more in true HD sound.

- Discreet, low-profile design is perfect for video calling
- Skype Certified for a better chatting experience
- Answer and end Skype calls right from the headset*
- DSP provides wideband audio and acoustic echo cancellation
- Noise-cancelling microphone reduces noise for clearer conversations
- Easy-to-use in-line volume, mute and call controls
- Soft foam ear-pads and lightweight materials ensure a comfortable fit

* Requires installation of Plantronics software available at plantronics.com/audio



Compatible with:



PC

Best for:



INTERNET CHAT



Best for: Consumers wanting a high performance digital headset

.Audio™ 655

The Plantronics .Audio 655 headset delivers exceptionally high performance using the 40mm speakers – perfect for music, multi-media, gaming and PC chat. All the controls are intuitively placed for quick and easy control: volume up and down are positioned on the ear-pod and with microphone mute positioned on the boom so you will always be in control.

- Full-range stereo intensifies audio experience
- QuickAdjust telescoping, bendable boom assures ideal placement
- Noise-cancelling microphone enhances speech recognition accuracy
- One-touch volume controls on the earpiece
- Built-in microphone mute function on the boom
- Padded ear cushion
- Lightweight, comfortable stereo headset which can be folded for travel-friendly storage
- USB connection



Compatible with:



PC

Best for:



INTERNET CHAT



'When it's serious play, only the best will do'

Gamers have permanently dedicated part of their home to their passion and created a hi-tech gaming suite. Often known to others only by their aliases, they spend almost two hours a day online. Sometimes they play for longer and occasionally stay up late.

Gamers want to enjoy the same high quality of gaming experience at all times, wherever they are. That means capitalising on the high-definition audio and full Dolby 7.1 surround sound that's on offer with many games and multimedia formats. It also means having a personal audio option for monthly LAN parties, where they play in a room full of other gamers, and also for late at night.

Gamers therefore, need the best-sounding audio equipment for use both at home and away. It has to deliver totally immersive, hi-fi-quality audio, for both gaming and movies. Additionally, gamers also need a noise-reducing digital microphone that can clearly pick up and amplify the voice, so they can freely communicate with team members in the thick of the action.

Details of our full range of gaming headsets

	X10	X30	X40	X95	P90	380	780
Full range stereo			•	•		•	•
Noise-cancelling mic	•	•	•	•		•	•
Hide-away mic boom			•	•		•	•
Adjustable boom	•	•	•	•		•	•
Volume/mute control	•	•	•	•	•	•	•
Separate voice/audio jog dial			•	•			
Closed ear/open ear			Closed ear	Closed ear		Closed ear	Closed ear
Technology	Analogue	Analogue	USB	Wireless/USB	Bluetooth 2.1	Analogue	USB
Wearing style	Over-the-head	In-the-ear	Over-the-head	Over-the-head	In-the-ear	Over-the-head	Over-the-head
Works with	XBOX 360	XBOX 360	XBOX 360	XBOX 360	PS3, Bluetooth phones	PC	PC

Best for: Clear game chat with its studio-quality audio and rich stereo sound for PC calls, music, videos and more.

GameCom® 307 **NEW**

What's in your gaming arsenal? The Plantronics® GameCom® 307 gaming headset should be. Don't just hear it, feel the bass with 40mm stereo speakers that deliver studio-quality audio, for rich sounding games, movies and PC calls. Outstanding voice quality, precise microphone placement, and noise cancellation ensure that your teammates or enemies hear you clearly.

- 40mm stereo speakers deliver rich, resonant stereo with maximum bass response
- Lightweight and flexible, the headset is comfortable for hours
- Soft swivel-mounted ear cushions focus stereo sound for maximum enjoyment
- QuickAdjust™ microphone telescopes and rotates for precise placement
- Noise-cancelling microphone reduces background noise so you can easily be heard
- Convenient in-line controls let you adjust volume or mute the microphone with just a touch



Compatible with:



PC / MAC

Best for:



GAMING

Best for: Gamers wanting ultra-comfortable ear cushions and headband – perfect for gaming, watching videos, listening to music and making PC calls.

GameCom® 380 **NEW**

Delivers immersive, stereo sound with deep bass from 40mm swivel speakers. Easy on-ear controls and noise-canceling mic make this headset your weapon of choice. Superhero-strength cords and joints combined with ultra-comfortable ear cushions and headband let you play for as long as it takes.

- Built-in axis spin joints allow the earpods to lay flat around your neck when you're taking a break, or for easy storage in-between competitive matches
- Noise-cancelling mic kills background noise so your team or opponents can clearly hear your calls
- Easy-to-reach on-ear volume and mute control let you keep your eyes on the game
- Superhero-strength cords and joints mean this headset is around for all your battles
- 3.5 mm audio and headphone plugs for PC compatibility



Compatible with:



PC / MAC

Best for:



GAMING

Best for: Gamers wanting ultra-comfortable ear cushions and headband – perfect for gaming, watching videos, listening to music and making PC calls.

GameCom® 780 **NEW**

Dolby® technologies transforms standard audio into a stunning 7.1 surround sound experience. The noise-cancelling microphone kills background noise so your commands are loud and clear and with controls are right on the earpods, you'll always have your eyes on the game. When you need to take a break, built-in spin joints let the earpods lay flat for easy storage.

- Dolby® Headphone and Pro Logic® IIx technologies transform standard audio into a stunning 7.1 surround sound experience
- Built-in spin-joints let the earpods lay flat around your neck when you're taking a break
- Noise-cancelling microphone kills background noise
- Easy-to-reach on-ear volume and mute buttons let you adjust the sound and still keep a hand on the controls
- Superhero-strength cords and joints mean this USB headset will be around for all your battles



Compatible with:



PC / MAC

Best for:



GAMING



DOLBY
PRO LOGIC IIx

Compatible with:

XBOX

Best for:



GAMING



Best for: Xbox gamers wanting to fire-up their experience with the Plantronics GameCom X10 for Xbox 360®

GameCom® X10™

Step up your Xbox 360 gaming experience with the great audio and comfortable style of the Plantronics GameCom X10. The single-ear design lets you chat, but still hear the game. The inline volume and mute are easy-to-use and reach, and the extended boom repels pesky peripheral game noise.

- Soft cushioned ear-pads and adjustable headband shields your head and provides ultimate comfort during long gaming sessions
- Over-the-head wearing style is easy to put on
- Single-ear design lets you chat, but still hear the game
- Extended boom better captures your voice
- Inline volume and mute are easy to reach
- Noise-cancelling microphone boosts voice command response

Compatible with:

XBOX

Best for:



GAMING



Best for: Xbox gamers wanting to shift into overdrive with the GameCom X30 headset for Xbox 360®

GameCom® X30™

Shift Xbox into overdrive with the ultimate-quality GameCom X30 headset for Xbox 360. Delivering ultimate-quality audio and industrial-strength hipness, its single-ear coverage lets you roast online enemies while rapping offline with your fridge-raiding buddies. The supple, ear-melding design thwarts the chaffing of all-night kill fests and an extended boom flexes to fit your trash-talking maw.

- Industrial-strength hipness separates gaming titans from mere mortals
- Over-the-edge hipness fills opponents with unflattering, envious rage
- Noise-cancelling mic lets you verbally devastate foes with cutting precision
- Extended boom flexes to fit your trash-talking maw
- Supple, ear-melding design thwarts the chaffing of all-night kill fests
- Single-ear coverage lets you roast online enemies while rapping with your fridge-raiding buddies
- Inline volume and mute put you in the driver's seat

Compatible with:

XBOX

Best for:



STEREO
MUSIC



GAMING



Best for: Gamers wanting to play games, listen to music and watch movies with this comfortable stereo headset for the Xbox 360®

GameCom® X40™

Play games, listen to music and watch movies with the Plantronics GameCom X40, a comfortable stereo headset for the Xbox 360. The concealed mic-boom hides into the headband and out of your way. Specially designed ear-pods redistribute the pressure for long wearing comfort.

- Play games, listen to music and watch movies from your Xbox 360 in stereo comfort
- Concealed mic-boom easily tucks into the headband when not in use
- Get lost in the game with a closed-ear design and 40mm speakers
- Specially designed ear-pods and headband redistribute the pressure for long-wearing comfort
- Easy-to-reach on-ear volume controls for voice and audio adjustments
- Sleek, modern design coordinates with the Xbox 360





Best for: Gamers wanting to get the most out of your Xbox 360® experience with the wireless Plantronics GameCom X95

GameCom® X95™

Play games, listen to music and watch movies without disturbing others. Concealed mic-boom hides into the headband and out of your way. The headset adapter easily connects to your console for the ultimate wireless experience.

- Concealed mic-boom easily tucks into the headband and out of your way when not in use
- Get lost in the game with a closed-ear design and plush 40mm speakers
- Specially designed ear-pods and headband redistribute the pressure for long-wearing comfort
- Easy-to-reach on-ear volume controls for voice and audio adjustments
- Easy set-up to your Xbox 360 and TV for the ultimate wireless experience
- Get the most out of your Xbox 360 experience with rich wireless, stereo sound
- Experience rich stereo sound from your Xbox 360 without disturbing others
- Plantronics GameCom X95 sleek, modern design coordinates with the Xbox 360



Compatible with:

XBOX

Best for:



Best for: Gamers wanting to experience wireless freedom for Playstation® 3 game chat

GameCom® P90™

Take your Playstation 3 gaming experience to the next wireless level with the Plantronics GameCom P90 Bluetooth® headset. QuickPair™ technology easily pairs the headset to both your PS3 system and your Bluetooth phone. Game chat and mobile calling features like, mic mute and volume adjust, allows for talking to your teammates, opponents or friends, wirelessly.

- Advanced Bluetooth gaming headset for Playstation 3
- Easy-to-find mute button to quickly mute game chat or mobile phone calls
- QuickPair technology for fast and easy set-up with the PS3 system
- Convenient on-off switch saves battery life for when you need it
- Easily adjust volume with dedicated volume up and down buttons
- Easy-to-use headset works with Playstation 3 and most Bluetooth mobile phones
- Slim earloop and contoured eartip provide a comfortable, secure fit for long game or chat sessions



Compatible with:

PS3 BLUETOOTH PHONES

Best for:



Technology

Adaptive Power

Automatically downshifts to low power when the wireless headset is close to the base to save battery life and maximise density.

AcuSpeak™

Corded headsets featuring AcuSpeak technology are ideal for people who work in noisy environments, because the intelligent microphone selects only the human voice, cutting other sounds out of your transmission.

AudioIQ™

Digital Signal Processing (DSP) technology, reduces background noise by up to 8dB, so that the person you are talking to can hear you more clearly.

AudioIQ²

Includes dual-microphones to further cancel noise while retaining the unique sound of your voice due to the 20-band graphic equaliser. Increased receive volume so you always hear your caller clearly.

AudioIQ dynamic EQ

Automatically adjusts graphic EQ and voice levels so that every word can be clearly heard on both sides of the call.

Audio Line Out

Stream music from your Bluetooth® stereo phone to your powered speakers for public listening.

Bluetooth®

Bluetooth wireless technology provides a way for devices to communicate with each other using short-range radio frequency instead of wires. Any two Bluetooth devices can communicate as long as they both have Bluetooth turned on, they are within range and they have been paired – a quick 'handshake' that connects the two devices. Bluetooth range is up to 10m. Obstructions, such as walls or other electronic devices, can cause interference or shorten the effective range. For optimal performance, place your headset and phone on the same side of your body.

Clearline™ Audio

Provides advanced echo management, automatic gain control and acoustic limiting. Is compatible with both traditional phones and headsets as well as with wideband VoIP phones and headsets.

DeepSleep™

Plantronics DeepSleep power-saving mode activates when your headset is away from your phone for over 90 minutes. When it's back in range (10 metres or less), you can just tap the Call button to "wake" it up. Using the DeepSleep mode can extend the standard 16 days standby time up to 150 days.

DECT™

DECT (Digital Enhanced Cordless Telecommunications) is a wireless radio access technology for cordless telephones, wireless offices and even wireless telephone lines to the home. DECT has been designed and specified to work with other types of network including PSTN, ISDN and GSM. It is a trademark of ETSI (European Telecommunications Standards Institute).

Call Clarity™

Call Clarity enhances transmit and receive sound quality, so that the phone user doesn't have to adjust the volume to compensate for the differences on the incoming call volumes.

Call Clarity DIGITAL™

Call Clarity DIGITAL uses digital signal processing to enhance, transmit and receive sound quality so that the phone user doesn't have to adjust the volume to compensate for the differences on the incoming call volumes.

Multipoint

Most wireless devices use point-to-point, which means they can only be connected to one device at a time – for example; a mobile phone and a Bluetooth® headset might be connected through point-to-point, or a PDA device might be paired with a computer. When a headset has Multipoint capability it can receive information from more than one device at the same time.

Narrowband

Frequency range of 300 Hz to 3.4 KHz found within PSTN and mobile voice networks.

Noise-cancelling

Plantronics noise-cancelling microphones reduce the background noise and so enhance the accuracy of the sounds being transmitted. They are ideal for noisy environments.

PerSonoCall™

PerSonoCall is a small software application. It provides hookswitch control and ringer alert between the softphone application and the wireless headset, allowing PC calls to be answered wirelessly from the headset or direct from the headset on the DA45.

QuickAdjust

Enables ideal microphone boom placement.

Quick Call

Quick Call allows a user to quickly answer a call without the need to place the headset onto the head.

Quick Disconnect

Lets agents conveniently unplug their headset so they can walk away from their phone without removing their headset.

QuickPair

The QuickPair feature allows different wireless headsets to be quickly and easily paired to a single base using a simple button press. This feature is ideal in multi-shift or hot desking environments where users share a base, but not a headset.

Sidetone

Sidetone technology gives natural feedback so that what you hear is exactly the same as what the person you are calling hears – this is especially valuable if there is background noise, as it acts as a warning that the person you are calling may not be able to hear you clearly.

SoundGuard

Acoustic limiting for protection against sounds above 118 dBA.

SoundGuard® DIGITAL™

All the benefits of SoundGuard, plus anti-startle protection which detects sudden increase in sound and eliminates the increase, and Time Weighted Average (TWA) measurement which prevents average daily sound exposure from exceeding 85 dBA.

VoIP

VoIP (Voice over Internet Protocol) is the transmission of voice over IP-based networks (data networks). VoIP offers many advantages over normal telephony including enhanced features, lower cost and greater integration.

Voice Prompts

Audio alerts tell the user important information such as low battery and mute status.

Wideband

Wideband audio gives richer communication with natural sound and enhanced audio clarity when used with wideband enabled IP hardphones and softphone systems.

Wideband Frequency range to 6,800 Hz.

Meets TIA-920 standard for genuine wideband response found within IP telephone voice sound.

WindSmart®

Plantronics patent-pending WindSmart® technology uses a specially designed material over the microphone to diffuse wind noise, so that even in windy environments – such as the car or the street – users can enjoy crisp, clear conversations.

Digital Signal Processing (DSP)

Digital Signal Processing is a sound treatment technology which delivers up to 35% reduction in background noise, whilst maintaining crisp, clear voice transmission. If you are planning to use your .Audio headset for chatting over the Internet, or for games which rely on voice recognition, it is well worth looking for a DSP model – especially if you live in a lively household where there is a lot of background noise.

Plantronics partnership with key sound technology provider – Dolby®

Why does the Plantronics GameCom® 777 now include Dolby® technology?

- Research has shown that one of the main requirements from gamers is the inclusion of Surround Sound 5.1 on any PC Gaming headset to ensure a realistic sound experience.
- The Plantronics GameCom® 777 is the first Plantronics headset combined with Dolby® Surround Sound – for total immersion and pure gaming enjoyment.
- Dolby® Headphone technology creates a realistic Surround Sound experience for any PC game. Listeners experience every smash and explosion as if they're really happening. Adding another dimension to the playing environment, Dolby® Headphone technology gives gamers a competitive advantage – making it easier to pinpoint enemies and obstacles that aren't on screen.

THE DOLBY® TECHNOLOGY EXPLAINED

Dolby® Pro Logic II

- Transforms high-quality stereo content into a natural and realistic surround sound listening experience.
- Enhances your listening experience without sounding processed or artificial.
- Applies Dolby® expertise in matrix surround sound technology to produce a natural listening experience.
- Music mode offers three adjustable features:
 - PANORAMA MODE** creates a seamless, wraparound surround effect;
 - CENTRE WIDTH CONTROL** modifies the breadth of the main vocals in the centre and front speakers;
 - DIMENSION CONTROL** modifies the depth of the surround sound experience.

Dolby® headphone technology

- Enables enjoyment of personal surround sound without disturbing others.
- Improves listening comfort and reduces 'listener fatigue'.
- Allows stereo content to be heard as 5.1-channel surround (when combined with Dolby® Pro Logic II).



Unless stated

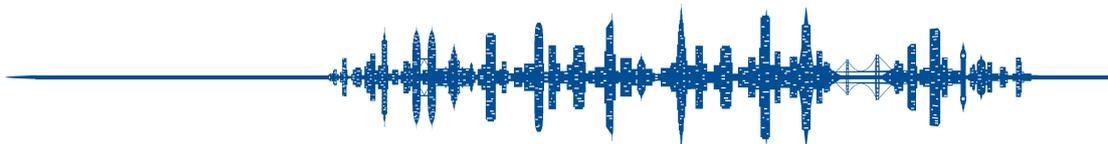


All our products are backed by Plantronics global service and support
plantronics.com

Plantronics Ltd, Royal Wootton Bassett, UK 0800 410014 +44 (0)1793 842200

© 2012 Plantronics, Inc. All rights reserved. Plantronics, the logo design, Audio, Audio 1100M, AudiolQ², Blackwire, C65, Calisto, CS60, CS70N, DA, Discovery, DuoPro, DuoSet, EncorePro, GameCom, IP40, M155, M12, M20, M22, M50, MDA200, MCD100, MX100, P90, PersonoCall, Plantronics Explorer, Plantronics Voyager, QuickAdjust, QuickPair, S12, Savi, SoundGuard, Sound Innovation, SupraPlus, T10, VFrame, Vista, VistaPlus, WindSmart, X10, X30, X40 and X95 are trademarks or registered trademarks of Plantronics, Inc. The Bluetooth[®] word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Plantronics is under licence. DECT is a trademark of ETSI. Microsoft is a trademark or registered trademark of Microsoft Corporation in the U.S. and other countries. Avaya is a trademark of Avaya Inc., Cisco is a registered trademark of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries, IBM is a trademark of International Business Machines Corporation in the United States, other countries or both. Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. Playstation 3 and PS3 are trademarks or registered trademarks of Sony Computer Entertainment Inc. Xbox 360 is a registered trademark of Microsoft Corporation in the U.S. and other countries. iPhone and iPod, are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc. All other trademarks are the property of their respective owners.

The Innovations Design and Engineering Award is based upon descriptive materials submitted to the judges. CEA did not verify the accuracy of any submission or of any claims made and did not test the item to which the award was given.



◀◀ Back to contents

◀ Previous

✕ Exit