

## Plantronics Pulsar 590A Bluetooth Headset



**Take calls and listen to your stereo MP3 player  
with one wireless headset!**

## FEATURES

- Listen to high-fidelity stereo audio and, at the push of a button, receive or place a mobile phone call.
- Supports up to 12 hours of talk time and up to 10 hours of audio listening time on a single charge.
- Includes a universal adapter with a wireless transmitter for connecting an iPod® or other audio device for wireless listening.
- Folds into a compact size and includes a convenient carrying case—great for taking on the road.
- Also comes with an AC charger, a desktop charging stand for charging and storing the headset, and a USB charging cable for charging via your computer's USB bus.
- Roam up to 33 feet (10 m) from your Bluetooth® device.
- Easy-to-adjust headband and pivoting, pillow-soft ear cushions provide a comfortable fit for extended periods.

## OVERVIEW

Enjoy both stereo music and the freedom of wireless phone calling with the Plantronics Pulsar 590A Bluetooth Headset.

Featuring high-fidelity stereo sound, the Pulsar 590A includes a universal adapter that plugs directly into most 3.5-mm audio devices that aren't Bluetooth A2DP enabled. You can then enjoy Bluetooth stereo listening from your MP3, CD, or DVD player, as well as a laptop, PDA, TV, or other component in your home entertainment system.

It's particularly useful for frequent travelers who like to listen to music and take calls on the road. You can eliminate having to carry two sets of headphones—one for your phone and one for your MP3 player, for instance. The Pulsar 590A is also a great accessory for quiet offices where you want to take calls and listen to a CD without disturbing colleagues.

Because the headset's multipoint technology gives you the ability to switch seamlessly between your Bluetooth mobile phone and audio devices, you'll never miss an important call while listening to music or other streaming audio content. The Pulsar 590A works with multiple Bluetooth devices, including hands-free and headset profiles, and features up to 12 hours of talk time and up to 10 hours of audio listening time.

Sleek and lightweight, the headset enables you to roam throughout your office or home at a range of 33 feet (10 m), so you can take and receive calls—and tune into your favorite music selections—wherever you go.

Hands-free features include last-number redialing, voice-activated dialing, and call rejection. Dedicated buttons on the earpiece enable you to switch calls to and from audio, skip

through music tracks, adjust the volume, mute the microphone or speakers, and play and pause music. A telescoping voice tube in its microphone ensures clear and discreet call communications.

When it's not in use, just place the Pulsar 590A Bluetooth Headset on its charging stand. You can also charge the headset via your computer's USB port using the included USB headset charger cable. An in-flight cable, also included, plugs into the 3.5-mm jack on the earpiece to convert the wireless headset into wired headphones.

*NOTE: The Pulsar 590A Bluetooth Headset supports Bluetooth Hands-Free and Headset Profiles; Advanced Audio Distribution Profile (A2DP); Audio/Video, Remote Control Profile (AVRCP); and Generic Audio/Video Distribution Profile (GAVDP).*

*NOTE: Certain functions also require specific Bluetooth profiles on the paired devices:*

*Track forwarding/backward and play/pause controls require a Bluetooth Audio/Video Remote Control Profile (ACRCP).*

*For stereo listening, Bluetooth enabled devices must support the Bluetooth Audio Distribution Profile (A2DP).*

*To communicate with devices that don't support the A2DP profile, use the included universal adapter.*

*Hands-free calling features must be supported by your Bluetooth device or service provider.*

## TECH SPECS

**Bluetooth Version** — Bluetooth 2.0

**Charge Time** — 2 hours

**Distortion** — <5% to 19 kHz

**Headset Speakers** — 28-mm neodymium

**Headset Wearing Type** — Over-the-head with telescoping voice tube

**Impedance** — 32 +/- 4 ohms at 1 kHz

**Listen Time (Maximum)** — 10 hours

**Range (Maximum)** — 33 ft. (10 m)

**Speaker Frequency Response** —

Telephony: 300 Hz to 3600 kHz (CVSD u-Law);

Stereo audio: 20 Hz to 20 kHz (16-bit, 48-kHz SBC coding)

**Standby Time (Maximum)** — 130 hours (approximate)

**Talk Time (Maximum)** — 12 hours

**Power** — Lithium ion polymer battery;

power requirements: 5 VDC to 300 mA

**Weight** — 0.2 lb. (0.1 kg)

## WHAT'S INCLUDED

- ◆ (1) headset
- ◆ (1) universal adapter
- ◆ (1) AC charger
- ◆ (1) in-flight cable
- ◆ (1) desktop charging stand
- ◆ (1) USB charging cable
- ◆ (1) travel case

## Technically Speaking

### Bluetooth.

If you use low-power radio communications to wirelessly link phones, computers, and other network devices over short distances, it's likely those devices use Bluetooth technology.

Bluetooth, named for a Danish king who ruled more than 1000 years ago, is a technology that primarily supports simple wireless networking of personal devices and peripherals like wireless headsets, mobile phones, and PDAs. Bluetooth devices generally communicate at speeds less than 1 Mbps and are divided into three power classes.

**Class I** Bluetooth devices are considered long-range units. They have a range of up to 100 meters (328 ft.) and a maximum power output of 20 dBm.

**Class II** Bluetooth devices have a standard range of up to

10 meters (32.8 ft.) and a maximum power output of 4 dBm.

**Class III** Bluetooth devices are definitely built for short-range communication, with a range of up to 10 centimeters (3.9 in.) and a maximum power output of 0 dBm.

Bluetooth networks feature a dynamic topology called a piconet or PAN. These networks contain a minimum of two to a maximum of eight Bluetooth peer devices that use protocols that are part of Bluetooth standard. The current Bluetooth standard is version 2.0, and it's actually the specification's third version, following its 1.1 and 1.2 incarnations.

Although the Bluetooth standard uses the same 2.4-GHz range as 802.11b and 802.11g, it's much slower than Wi-Fi, more limited in range, and supports fewer devices.



#### Item

#### Code

Plantronics® Pulsar™ 590A Bluetooth Headset

69746-01

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