



W900Black

Data sheet

Summary

- ✓ Bluetooth 5.3: Stable and fast connection with up to 10 meters range.
- ✓ True Wireless Stereo (TWS) function: Pair two speakers for true stereo sound.
- ✓ Powerful sound quality: 180W total RMS power with bass boost and wide frequency response.
- ✓ Long battery life: Up to 20 hours of playtime at 50% volume and fast charging with up to 60W.
- ✓ Versatile connectivity options: Support for 3.5mm aux, MicroSD card, USB flash drive, 6.3mm instrument input, and Type-C OTG.

Product description

Key features

- Bluetooth 5.3: Stable and fast connection with up to 10 meters range.
- True Wireless Stereo (TWS) function: Pair two speakers for true stereo sound.
- Powerful sound quality: 180W total RMS power with bass boost and wide frequency response.
- Long battery life: Up to 20 hours of playtime at 50% volume and fast charging with up to 60W.
- Versatile connectivity options: Support for 3.5mm aux, MicroSD card, USB flash drive, 6.3mm instrument input, and Type-C OTG.
- Water and dust resistant: IP67 rated for use in all environments.
- User-friendly design: Intuitive controls, LED indicators, and memory functions.

Voxicon W900 Bluetooth Speaker

The Voxicon W900 portable Bluetooth speaker combines powerful sound with versatile connectivity, perfect for music lovers on the go.

Bluetooth technology and connectivity

The Voxicon W900 uses an advanced Bluetooth chipset and a powerful DSP chip to deliver a stable and high-quality wireless audio experience. With Bluetooth 5.3, you get a reliable connection with a range of up to 10 meters. The speaker supports multiple Bluetooth protocols such as HFP V1.5, A2DP V1.2, AVRCP V1.4, making it easy to connect to different devices and stream music wirelessly.

Sound Quality and Audio Settings

With a total RMS power of 180W (100W + 40W*2) and support for one-touch bass boost, the Voxicon W900 delivers a powerful and balanced sound. The speaker is equipped with a 189x114mm woofer, two 93mm midrange drivers, and two 31mm tweeters covering a wide frequency range from 45Hz to 20KHz. This ensures you get a clear and dynamic sound with deep bass, rich midrange, and crisp treble. With less than 1% distortion at 1KHz and 40W input, the speaker guarantees a clean sound reproduction even at high volume.

Battery and Power Supply

Voxicon W900 is equipped with a powerful 9000mAh battery which provides long playing time and reliable performance. At 100% volume, you can enjoy up to 4 hours of playtime while lower volume levels such as 50% provide up to 20 hours of playtime. The speaker has an impressive standby time of 50 hours. Charging is done via a Type-C port that supports fast charging up to 60W, allowing the battery to be fully charged in about 3 hours. The speaker also functions as a power bank and can charge other devices.

TWS function (True Wireless Stereo)

The Voxicon W900 offers TWS (True Wireless Stereo) function that allows you to pair two speakers wirelessly for true stereo sound. One speaker becomes the left channel and the other the right channel, providing a wider soundstage and improved sound quality. This feature is perfect for parties or to enhance your music experience.

Design and Durability

The Voxicon W900 has a robust design and is IP67 rated, meaning it is dust and waterproof and can be used in all types of environments, from the beach to the pool party. With dimensions of 506mm x 217mm x 270mm and a weight of 7.2kg, it is both portable and durable. The speaker works in temperatures from 0°C to 40°C and can be stored in temperatures between -10°C and 45°C, making it suitable for both indoor and outdoor use.

Ease of Use and Control Features

The speaker is easy to use with intuitive controls and clear LED indicators showing different operating modes and battery levels. The power saving feature automatically turns the speaker off after 10 minutes of inactivity, helping to save battery power.

Versatile connectivity options

In addition to Bluetooth connectivity, the Voxicon W900 has several other connectivity options that make it extremely versatile. It has a 3.5mm auxiliary input, MicroSD card support, and USB flash drive with support for multiple audio formats (MP3, WAV, APE, FLAC, WMA). In addition, it has a 6.3mm instrument input for direct connection of musical instruments, making it ideal for musicians.

Summary

The Voxicon W900 is a versatile and powerful portable Bluetooth speaker that delivers high-quality sound in a robust and user-friendly package. Whether you're at a party, camping trip, or just enjoying music at home, this speaker offers an outstanding sound experience and many connectivity options to meet all your needs.

Technical Specification Matrix

Header

Manufacturer	Voxicon
Model	S-W900

Loudspeakers

Audio output channels	2.1 channels
Number of speakers	5
Tweeter	Yes
Number of passive radiators	3
Number of tweeter drivers	2
Tweeter diameter (imperial)	1.1 "
Tweeter diameter	31 mm
Woofer	Yes
Woofer diameter	189 mm

Number of woofer drivers	1
Woofer diameter (imperial)	7.5 "
True Wireless Stereo (TWS) technology	Yes

Audio

RMS rated power	180 W
Woofer RMS power	100 W
Frequency range	45 - 20000 Hz
Signal-to-Noise Ratio (SNR)	80 dB
Tweeter RMS power	40 W

Ports & interfaces

Connectivity technology	Wired and Wireless
Bluetooth	Yes
Bluetooth version	5.3
Bluetooth profiles	HFP
Bluetooth range	10 m
3.5 mm connector	Yes
Headphone out	Yes
6.35 mm connector	Yes
USB connectivity	Yes
USB connector type	USB-A, USB-C
USB 2.0 ports quantity	1
USB charging port	Yes
AUX in	Yes

Design

Product type	2.1 portable speaker system
Product colour	Black
Volume control	Buttons
On/off switch	Yes
Illumination LED	Yes
Protection features	Water resistant
International Protection (IP) code	IP67
LED indicators	Battery level, Bluetooth, Power
Illumination colour	Blue, White

Carrying handle(s)	Yes
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Performance

Recommended usage	Universal
Card reader integrated	Yes
Audio formats supported	APE, FLAC, MP3, WAV, WMA
Built-in microphone	Yes
Compatible memory cards	MicroSD, SD, SDHC, SDXC, MicroSDHC, MicroSDXC
Auto power off	Yes

Power

Standby time	50 h
Battery type	Built-in battery
Built-in charger	Yes
Battery technology	Li-ion
Battery capacity	9000 mAh
USB Type-C charging port	Yes
USB Power Delivery (USB PD)	Yes
Battery voltage	11.5 V
Required charging power (min)	10 W
USB output voltage	5 V
Battery life (max)	22 h
Required charging power (max)	60 W
Battery recharge time	3 h

Weight & dimensions

Width	506 mm
Depth	217 mm
Height	270 mm
Weight	7200 g

Packaging data

Package type	Box
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Packaging content

Quantity per pack	1 pc(s)
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AC adapter included	No
Cables included	AUX, USB Type-C
Manual	Yes

Logistics data

Warranty period	2 year(s)
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