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What Is Auracast

Auracast™ broadcast audio is a new Bluetooth® capability that will deliver life-changing audio experiences. It will let you share your audio, unmute your world, and hear your best, enhancing the way you engage with others and the world around you. See here [Auracast Video](#)

Hear Your Best

Auracast™ broadcast audio will allow you to hear your best in the places you go and is expected to become the next generation assistive listening technology, improving audio accessibility and promoting better living through better hearing. Watch this video for a completely unbiased and extremely well explained description of Auracast™ by a qualified Doctor of Audiology. [Doctor Rachel Cook Video](#)

Share Your Audio

Auracast™ broadcast audio will let you invite others to share in your audio experience, bringing us closer together.

Unmute Your World

Auracast™ broadcast audio will enable you to fully enjoy televisions in public spaces, unmuting what was once silent and creating a more complete watching experience. Unmute TVs in places like Sports Bars, Gym's, Airports, shopping malls, educational facilities, & hospitals.

How Does It Work?

Connect the Aurora BT-AC1 USB dongle to a VPX 1G AV over IP set as a decoder. The HDMI audio content sent to that decoder will now be able to transmit wirelessly using the Auracast™ standard. The audio will now broadcast up to 100m (330ft) to any receivers that have Auracast™ ability. The number of receivers is unlimited. Think of it like a radio station. We broadcast the signal and then pick it up on a Bluetooth Auracast™ capable device within range. You tune to the "station" with your phone to pick the named audio stream you want to hear.

Who Manufacturers Receivers?

Though this is a relatively new technology, there are already hundreds of companies with products on the market incorporating Auracast™ for use with phones, headsets, and hearing aids. Some great examples for phones are Samsung Galaxy S23 and S24 series, Z Fold5, Z Flip 5 and the tab S9 series. For



headsets, Samsung Galaxy Buds 2, JBL Xtreme 4, JBL Clip 5, JBL Go 4, JBL Partybox, Sennheiser Momentum True Wireless 4 Earbuds, Philips Fidelio L4, Earfun Air Pro 3, and the Sony 1000XM5 are just a few to mention. Hearing Aid Manufacturers like ReSound, Jabra, Beltone, Signia and Cochlear have added a variety of models to their offerings.

Android devices from version 13 have the capability to support Auracast™ but they are much better supported in Android 15. For Apple it is very much the same apparently. Apple Devices including iPhone 14, latest watch models and Air pods Pro 2 are listed on the internet as supporting Bluetooth LE. The list goes on and will become much bigger over the coming years.

Aurora BT-AC1 Auracast Dongle

The BT-AC1 is a Bluetooth™ Auracast USB Dongle accessory for the VPX 1G AV over IP Series. It can broadcast the audio signal up to 100 meters. It is designed to work with Bluetooth 5.2 and higher devices like cell phones, ear buds, and hearing aids. Once again, Aurora is leading the way in industry firsts and further expanding the capabilities of AV over IP.

For more information

[BT-AC1 \(auroramultimedia.com\)](https://www.auroramultimedia.com)

[AV over IP | Aurora Multimedia Corp](https://www.auroramultimedia.com)



Can An Existing VPX Installation Be Upgraded?

Yes. However, the existing VPX product will need to be upgraded to the latest firmware and install the BT-AC1 USB dongle into the VPX product Type A USB port. All that is left to do is set up in the built-in web pages or our free management software the name of the broadcast for the audio.



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