



Masimo Consumer Makes Dirac Live Available for Select Denon and Marantz Receivers

[Dirac Live®](#) is a powerful professional-grade room correction software from Dirac that helps you get the best from your home entertainment system. Available via an over-the-air update to your receiver, Dirac Live gives our customers another option when optimizing your sound system for your room.

We sat down with experts from the brand, engineering and product, and our global training teams to answer some frequently asked questions on the new feature.

What is Dirac Live?

Much of your sound system's quality is determined by the quality of your components, such as the quality of your speakers and amplifier. However, what's often overlooked is that the room that your sound system is in plays an important role as well.

Dirac Live room correction software takes a unique approach to analyzing your room's setup to correct your system's sound, ensuring you get the best result possible. Dirac Live Room Correction applies state-of-the-art, patented algorithms to analyze and digitally reduce room impact and enhance speaker performance. It delivers a larger sweet spot for listeners, accurate staging, clarity, voice intelligibility, and a deeper, tighter bass not otherwise possible.

What [Denon](#) and [Marantz](#) products will support Dirac Live?

We will initially support the following models:

- Denon AVC-A1H
- Denon AVC-X4800H
- Denon AVC-X3800H
- Marantz AV 10
- Marantz CINEMA 50
- Marantz CINEMA 40

Is Dirac Live upgrade free of charge like Audyssey?

No, a license sold by Dirac via their online shop is required to activate Dirac Live room correction. A license is assigned to a specific unit and can't be transferred. Two options are available, which differ by the frequency bands touched.

- Limited bandwidth (Frequency range from 20Hz – 500Hz): \$259
- Full bandwidth (Frequency range from 20Hz – 20kHz): \$349
- Upgrade from Limited bandwidth to Full bandwidth at later stage: \$99

Note: Pricing might change in the future and is determined by Dirac

Why did you announce these products without any support for Dirac?

While we were very excited to include Dirac Live support, we didn't want the implementation to delay the launch of our new product lineup. We announced Dirac Live early because we wanted to let our customer base know our



plans and make more informed purchasing decisions.

Why are Dirac Live updates more expensive for Denon and Marantz products than some of our competitors?

Our prices are in-line with what other manufacturers charge. But there are a couple things to note:

First, there is a cost to support Dirac Live out of the box due to licensing fees. Instead of including Dirac as part of the sticker price for our Denon and Marantz receivers and letting all customer pay for it even if it is not used, we decided to let our customers choose and pay for the room correction software that works best for them.

Second, we support Audyssey out of the box, which is free of charge for all customers.

What is your roadmap for Dirac support? Do you plan to offer Dirac Live Bass Control and Dirac ART in the future?

Moving forward select new models of Denon and Marantz will support Dirac Live as well as Audyssey. We have plans to support Dirac Bass Control in 2024, with other product-related announcements to be made at the appropriate time.

Will you continue to support Audyssey going forward?

Yes. All Denon and Marantz AV receivers and preamplifiers continue to support Audyssey room correction technology out of the box. Audyssey's measurement process is seamlessly integrated into our setup assistant to make it easy for all consumer levels.

Why did you decide to add Dirac Live for room correction if you have already partnered with Audyssey?

We want to provide our customers with quality products that offer the flexibility they desire. The current Audyssey solutions require a microphone to be connected directly to the AVR for room correction, which is not ideal for many home theater applications from professional installers. By supporting Dirac Live, we can help best serve the needs of their clients. The microphone used for Dirac Live calibration will get connected to the USB port of the computer running the Dirac Live software and is by that independent of the AVR location. Only requirement is that AVR and computer are connected to the same network.

How can I get the Dirac Live upgrade?

The Dirac Live upgradability will be added by an over-the-air firmware update on designated models in March 2023, and then a user must purchase a Dirac Live license from the Dirac online store.

How do I run Dirac Live room correction?

Install the Dirac Live software on your computer. It is available for PC as well as for MAC. Ensure computer and AVR are connected to the same network and AVR is powered on. Once the Dirac Live software is getting started the AVR will be shown in the home screen and can be selected.

Can you run Dirac and Audyssey simultaneously?

You can run a Dirac Live calibration and an Audyssey calibration and store the results to Preset 1 and 2 of the AVR. But it is not possible to mix features of Dirac Live and Audyssey. The Audyssey features such as MultEQ, Dynamic EQ, Dynamic Volume and Audyssey LFC cannot be used when the Dirac Live Room calibration is used. However, you may switch between Dirac and Audyssey from the speaker preset menu on your select model.

Can I use my Audyssey microphone for Dirac Live room measurement?

No, the Dirac Live software does not recognize the Audyssey microphone.



What microphone is recommended for Dirac Live room measurement?

Many users opt to choose the Mini DSP's UMIK-1 microphone, with the UMIK-2 is now available. Both are recommended microphones for Dirac Live. This USB microphone is coming with a 2m connection cable which connects to your computer or the front USB input of the AVR. In the case a longer cable is required an active USB extension cable is recommend being used, like e.g. 5m USB3.0 extension cable from CableCreation.