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Jazz pianist and composer Ricardo Bacelar in his new Dolby Atmos residential studio in Brazil.

## Jasmin Studio In Brazil Takes Dolby Atmos To A Residential Facility In WSDG Project

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PSW Staff

GRAMMY Award-winning engineer Beto Neves mixes new studio's first Dolby Atmos project – owner/pianist Ricardo Bacelar's "Congêñito" – with an SSL Duality Delta console, Neumann 7.1.4 monitors and more.

Jasmin Studio, owned and operated by Brazil-based jazz pianist and composer Ricardo Bacelar, has completed its first Dolby Atmos project – a full-length album entitled *Congêñito*, which will be released in August on the Jasmin Music label – in its new multi-room residential facility built by acoustic design firm WSDG that includes a 7.1.4 Dolby Atmos-certified control room and seven isolation booths.

*Congêñito*, recorded by engineer Melk and mixed by multiple-Grammy Award winning engineer Beto Neves was written and produced with immersive audio in mind. Bacelar's Jasmin Studio was completed soon after Bacelar moved into his new home by the seaside in Fortaleza late last year, and it combines analog and digital workflows and supports music production in any monitoring format – from stereo to immersive 7.1.4.

The studio's technical design, which includes Dante network, was facilitated by São Paulo-based audio consultant Daniel Reis and enables smooth transition between both analog and digital formats.

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Melk, the recording engineer for *Congêñito*, describes the process of recording that took place over several months: "Working with Ricardo requires a portion of time dedicated to researching and experimenting with sounds," he says. "As he is a multi-instrumentalist, his creation process is dynamic and demands creative and innovative solutions from the technician to get the best results."

The recording process, which included capturing in sonic details of Bacelar's piano work, employed a complement of tools including a pair of Sennheiser's AMBEO VR ambisonic microphones, Neumann D-01s and KM 184D digital microphones, a Neumann KU 100 Dummy Head binaural microphone, and a Neumann U 47 Fet, among many others.

Neves, who has mixed dozens of Dolby Atmos projects since 2014, utilized the studio's 48-channel Solid State Logic Duality Delta SuperAnalogue console and appreciated the added dimension that the immersive and ambisonic microphones imparted to the final mix. "On one song, 'Paralelas,' which only included a piano and a vocal, I ended up using only the AMBEO mics in the mix," he explains. "For me, this song is actually the most intimate experience on the album because you have the impression that you are right in the center of the piano."

"Composing and recording in immersive introduces new possibilities in the creative process," Neves adds. "For example, when you go to make a counterpoint on a melody, you have this extra space in your head. Now you can spatialize these, and it can have a very favorable impact on the composition and the arrangement. Music is a form of perception, and now that we have a 7.1.4 system we can make this perception more powerful."

In addition to having such a vision of what the album could achieve compositionally, Bacelar played all of the instruments himself. "As an instrumentalist, Ricardo knows what he wants," Neves says. "When he sits down to play something, if he needs to play it one hundred times to achieve what he wants, he will do it." Sometimes tracks were recorded with just a piano with Bacelar adding other instruments later, and other times drums were recorded to a click track – one by one – before other instruments were added. "All in all, it is a beautiful album with beautiful playing and amazing arrangements," Neves observes. "Jasmin Studio is something of a musical laboratory."

Bacelar says that moving forward at Jasmin, he intends to record and produce other musicians in addition to his own material: "The studio has been designed to produce a proprietary catalog and is the engine for my label Jasmin Music – and our Dolby Atmos integration will help bring our creativity to the next level."

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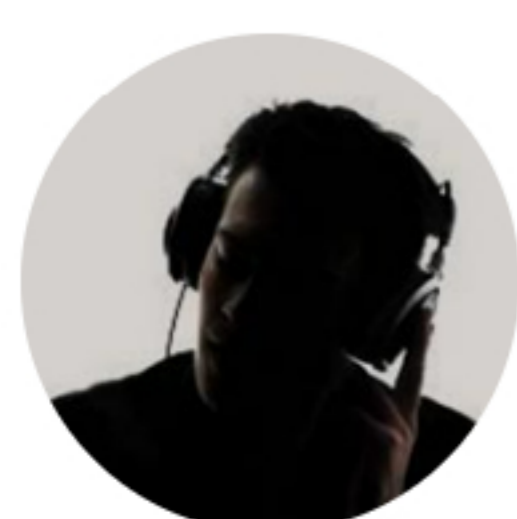
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