

STUDIO

JASMIN STUDIO: 'A PERSONAL STUDIO TO RIVAL ANY COMMERCIAL SPACE ON THE PLANET'



AUDIX. i5

Discover more

MAUI® G3
SMALL NEVER SOUNDED SO BIG.



Conceived in 2016, Brazil's Jasmin Studio is now one of the most advanced personal studio spaces in the world. And while the need for high quality facilities has ramped up significantly since the pandemic, internationally revered jazz musician Ricardo Bacelar sought the services of studio integrator Daniel Reis to develop a world class residential studio long before the word Covid-19 entered public consciousness.

Reis was keen to define the scope of the project early on. "I explained to Ricardo that I could help him build a studio that costs anywhere from \$5,000 to \$50 million dollars," he said. "And when you start a conversation like that, there has to be a lot of trust because we hadn't ever worked together in the past."

The pair subsequently engaged architectural acoustics firm WSDG.

"Once the process started moving through the design phase, Ricardo became a personal friend and I put all my knowledge and effort into his facility," said Reis. Since the facility was built from the ground up, Reis was able to implement an advanced audio network infrastructure: "We have AES67 standards in there, as well as Ravenna, Dante, MAD1, analogue, and remote preamps. Everything is networked everywhere. Someone can be recording in the control room while he is playing guitar in the pool area if he wants, or any other location on the grounds. It is enormously flexible and inspires creativity.

"I knew Ricardo would need several isolation booths because the way he works is mostly live — he overdubs less and less," he continued. "We installed network ports, remote preamps and tie-lines throughout the facility so both analogue and digital audio can be accessed from anywhere: the iso booths, the bathrooms, the reception areas and the patio, so you have the ultimate flexibility for recording, mixing and monitoring."

Reis specified a Solid State Logic 48-channel Duality Delta SuperAnalogue Console, and added 96 channels of BURL Mothership conversion.

"I knew I needed a large format console, but also the additional inputs in case Ricardo needed to record an orchestra or another live session with multiple instruments. Now we have 96 channels of I/O AD/DA conversion — 48 channels of the SSL, as well as several of the classic Neve and API preamps, so you have a full palette of sonic options, with valves and without.

"One really cool thing about the SSL Duality is that in each channel we have used the 1-24 assign feature — traditionally used for an analogue tape machine — to enable a 24-channel personal mix station in each room. So in all of the studio rooms, the artist can create his or her personal mix."

The control room features an Avid MTRX system, enabling monitoring of any input source — including stereo, Dolby Atmos or any combination of inputs or outputs.

While a traditional patchbay was installed as well as analogue tie lines throughout the studio, Reis stated that the digital integration takes Jasmin to another level.

"Once the signal becomes digital, the power is amazing," he commented. "I can send audio anywhere, or I can have different monitoring scenarios from different computers — for instance if I want to record the two-track of my mix on the computer. The AoIP transport makes it incredibly flexible."

He continued: "In each room and iso booth, there are fibre optic connections that appear as drop downs in Pro Tools for all the connections," says Reis. For instance, a single Dante ethernet cable connects all of Ricardo's 32 channels of keyboards so they are ready to play and record at any time."

While Bacelar is first and foremost a musician, as the owner of a Dolby Atmos certified studio, he has undergone training by Dolby Atmos professionals in Brazil and is now well equipped as both a musician and engineer.

"He is like an antenna, absorbing everything," Reis concluded. "In the end, this was an amazing project because it was the first time I could design anything 'without limits'. It is the ultimate creative studio and anyone could go there and get world-class, professional results."



AUDIX. i5

Discover more

MAUI® G3
SMALL NEVER SOUNDED SO BIG.



Share Article



Words By

Daniel Gumble