Didier Castell-Jacomin was a disciple of Catherine Collard, Georgy Cziffra and Fausto Zadra. His debut at the Berlin Philharmonic with the Berliner Solisten Kammer led to subsequent appearances at the Concertgebouw (Amsterdam), Carnegie Hall and numerous American festivals, as well as in London, Brussels and Spain. In Germany, Didier Castell-Jacomin has played with the Baden Baden Philharmonic, in Switzerland at the New Year Festival in Gstaadt, and in France at the Salle Cortot with actress Brigitte Fossey in a programme dedicated entirely to Clara and Robert Schumann, and at the Théâtre de l'Athénée. The pianist also performs chamber music with the Quintette a Vents de Paris and the Eurasia Quartet.

Norman Lebrecht described him as "a sparkling pianist", and Paul Badura-Skoda, after they had played together, said he was "a true Mozartian".

Didier Castell-Jacomin's discography includes works by Mozart, Beethoven and Schumann. His CD "Regards" is devoted to women composers (Chaminade, Bonis, Schumann, etc.).

His recordings have received critical acclaim (4 Diapason, Piano Maestro...).

In 2017 Didier Castell-Jacomin and the Wiener KammerSymphonie Quintet recorded a CD entirely dedicated to Mozart for the NAXOS label.

In 2019, he will perform the Lalo concerto in Virginia under the baton of David Grandis and on tour with conductor Julien Bénichou and the Mid-Atlantic Symphony Orchestra in Baltimore. In 2021, the pianist became president of the "Klassika International" foundation and created the "Wave of Art" festival in Maastricht, where he plays 2 pianos with Anna Fédorova. Among the prestigious artists invited to this first edition were the pianist Roberte Mamou, the Eurasia Quartet, the group "Monumental Tango" and the pianists Tobias Borsboom, Miroir Kuhara and Yukiko Hasegawa. Since then, the pianist has become a "Steinway Artist", which has led him to play in major European and American cities.

In July 2022, together with the author Eulalie Steens, Castell-Jacomin created the first Rencontres Musicales de Cayeux sur Mer (FR), where he played with the pianist Borys Fedorov.

In 2023, Didier Castell-Jacomin performed in the USA, then toured Europe, Dubai and Bangkok. In 2024, the pianist will record works by French composer Jules Massenet for solo piano, also for the Naxos label.

Castell-Jacomin has invented a concept and is preparing for the coming years a 'Steinway Road Trip' around the globe, with concerts, master classes and videos of each of his journeys, so that audiences can discover his different human and musical experiences.