A native of Mannheim, Joël Keller studied Harpsichord and Musicology (within a Franco-German degree programme) at the Folkwang University of the Arts in Essen (Christian Rieger), the Université François-Rabelais in Tours, and the Conservatoire National Supérieur de Musique et de Danse de Paris (Olivier Baumont). He continued his studies at the Frankfurt University of Music and Performing Arts, specializing in thoroughbass (Eva Maria Pollerus), and at the State University of Music and Performing Arts Stuttgart (Jörg Halubek), where he completed the prestigious Konzertexamen in harpsichord and ensemble direction.

As a soloist and chamber musician, he has performed in Canada, the United States, France, Italy, and Lithuania. He is a prizewinner of several international competitions, including First Prize at the 2024 Jurow Competition (Historical Keyboard Society of North America), First Prize at the 2024 Wanda Landowska Competition in Terlizzi, and Second Prize at the 2024 Gianni Gambi International Harpsichord Competition in Pesaro.

His research on the French style in the music of J. S. Bach was awarded the 2026 Folkwang Prize in Musicology. His debut album likewise explores French influences in Bach's keyboard music. The recording was made on the historic Christian Zell harpsichord at the Museum of Arts and Crafts Hamburg and will be released in 2027.

He performs with French ensembles such as Ensemble Matheus, La Ferté, La Chapelle Harmonique, and Il Groviglio, appearing in both chamber and larger ensemble settings. During the 2026 season, he served as Musical Assistant (Harpsichord) for Claudio Monteverdi's Orfeo at the National Theatre Mannheim, in co-production with the Schwetzingen SWR Festival and ARD.
Collaborations with Gottfried von der Goltz, Reinhard Goebel and Jean-Christophe Spinosi have also led him to perform with modern orchestras such as the HR - Radio Symphony Orchestra or the Orchestra of the Mannheim Theatre.
Since 2026, he has also been a Lecturer in Harpsichord Accompaniment at the Karlsruhe University of Music and the Folkwang University of the Arts in Essen.