Thomas Busch was born in Wuppertal, Germany. He studied at the Robert-Schumann-Hochschule in Düsseldorf, where he gained a diploma in organ and choral direction, and then at the Folkwang-Hochschule in Essen gaining a diploma in singing with Maestro Edmund Illerhaus. He then further studied under Kurt Equiluz, Andreas Schmidt, Ulf Bästlein, CharlesSpencer and Irvin Gage.

He won the second prize in the Angelica Catalani international singing competition in the Vocal Chamber Music section and won a study grant at the international Vocal Chamber Music Workshop at Conegliano.

He has taken part in opera productions in theatres in Aachen, Düsseldorf and Duisburg. In Italy he has sung at, amongst others, the Macerata Opera - Arena Sferisterio and at the Festival Barocco at Viterbo. He works regularly with the chamber opera festival "Operaperta" that brings together a number of theatres in the italian region Marche.

As a chamber music and oratorio singer he has taken part in numerous concerts in Italy and Germany featuring the great Bach oratorios, the great Romantic oratorios by Mendelssohn and Brahms and music by modern and contemporary composers. His large lieder repertory includes composers such as Schubert, Schumann, Brahms and Liszt as well as Poulenc, Vaughan Williams, Ives and Barber.

He has recorded the Messa Romana by Pergolesi for the Fondazione Pergolesi of Jesi , a CD presenting music for voice and guitar by the composer Gabriello Melia and a CD with songs written by the romantic composer Friedrich Lux.

He teaches Vocal Chamber Music at the Conservatorio at Mantova.