Yamaha created the **GH keyboard** to reproduce the 'feel' of a grand piano's keyboard action: a heavier touch on the lower keys and a lighter touch on the higher keys, with subtle variations of weight and texture. Throughout its development, the playing sensation was repeatedly adjusted with the input of skilled pianists. All Clavinova keyboard actions are based on the structure of the **GH keyboard**.

Ideally, your fingers glide over the keyboard, producing richly expressive melodies like you are having a conversation with the piano. The motion of each key is transmitted through a mechanism called an action, causing a hammer to strike a string, thus creating a sound that faithfully reproduces your playing intentions. The action of a grand piano is created by skillfully combining more than 80 parts for each key and requires scrupulous adjustments at every stage. Using our extensive expertise in building these actions, we are able to make Clavinovas that are as pleasant to play as grand pianos, and that provide the same expressive power. When a pianist plays a grand piano, the treble keys feel light and the bass keys feel heavy. Our goal was to faithfully reproduce the touch of a grand piano, even the subtle differences in the key’s weight and return, so players can experience a natural touch. We accomplished this with the Clavinova GH3 (Graded Hammer 3) keyboard, equipped with Yamaha’s unique Damper Sensor that permits the same sound to be played continuously without fully restoring the key, as well as other grand piano performance techniques. We also use NW (Natural Wood) keyboards and synthetic ivory key tops, so the Clavinova closely resembles a grand piano, including the feeling transmitted from the instrument to the fingertips. Clavinova keyboards benefit from craftsmanship and commitment to quality that has been built into our acoustic pianos for more than 100 years.