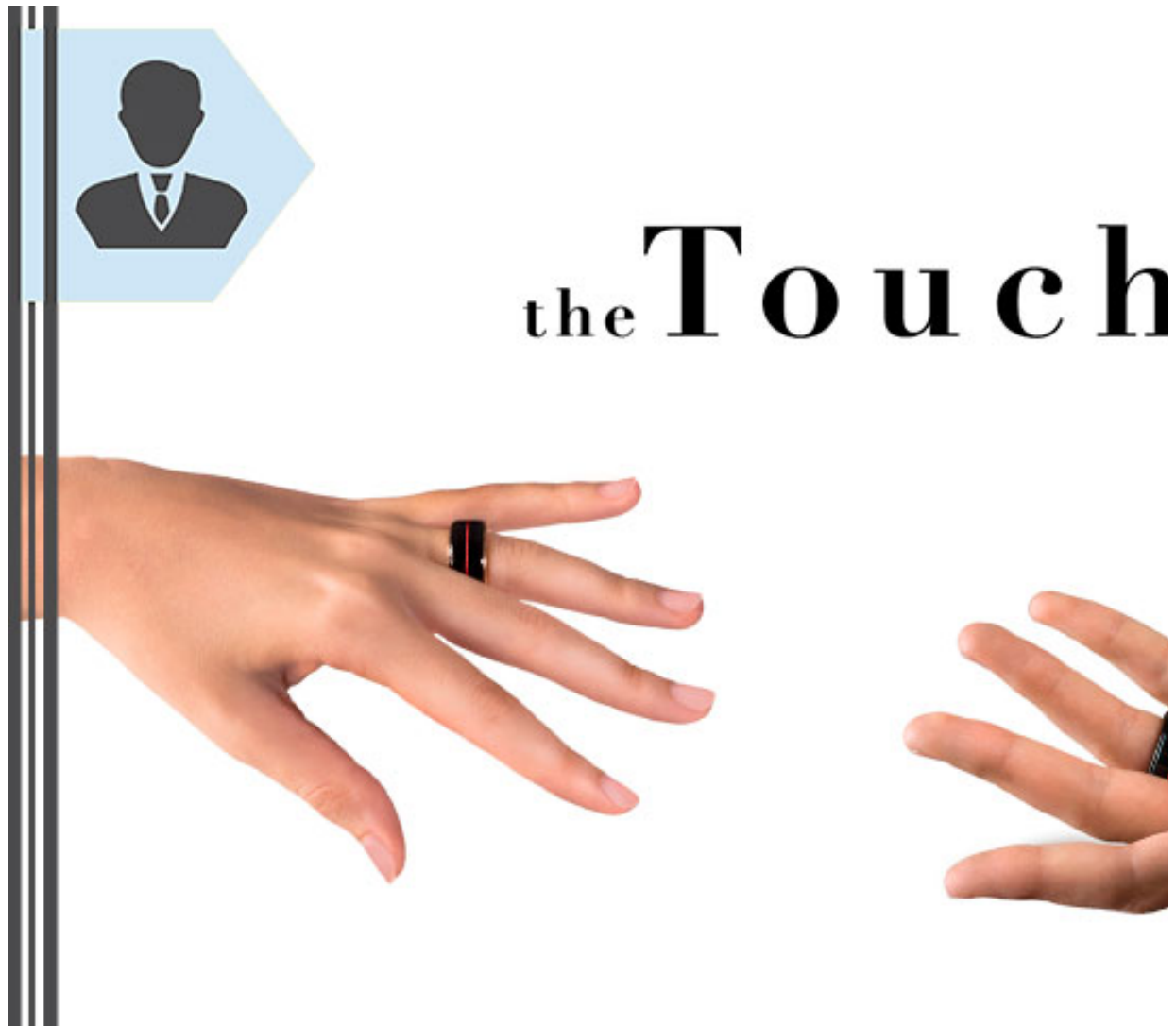


HB Ring Review – Innovative Wedding | Heartbeat Of Your Loved One?



The **HB Ring** by The Touch is a novel new concept riding the wearables wave. The HB Ring promises to bring the 21st century by allowing high tech romantics to bond not only through traditional wedding vows, but through the internet.



The HB Ring detects the heartbeat of the wearer, and broadcasts it complete with lights and vibrations to a partner, and visa versa. The HB Ring allows wearers to see and feel the real time heartbeat of their loved one, disturbing the other side.

What is HB Ring?

The core concept behind the *HB Ring* is nothing new- proclaiming your undying love with matching metal rings over six thousand years.

Papyrus scrolls found in ancient Egyptian archaeological sites show evidence of hemp or reeds being exchanged between married couples.

Ancient Egyptians viewed the circle as a symbol of eternity, and the ring served to signify the never-ending love between a couple.

This was also the origin of the practice of wearing the wedding ring on the ring finger of the left hand, which contains a special vein that was connected directly to the heart, running from the fourth finger of the hand into the chest.

The HB Ring places a high tech spin on this ancient tradition, allowing wearers to connect their respective HB Rings. When one ring is tapped, users simply tap their ring and it sends out a signal to the pair-bonded partner ring, no matter where it is.

Design and Construction

The Touch presents their HB Ring as the end result of over 2.5 years of research, prototyping and development.

Forgoing the new tradition of launching consumer wearable tech, The Touch HB Ring is a self-financed launch. It is a combination of Czech, Swiss, German and Japanese manufacturers. The external construction of the HB ring was manufactured in Switzerland, with the housing designed and created by specialists from the Swiss high-end watch manufacturing process.

Size was an important factor in the design of the HB Touch. A typical gold wedding band has a standard width of 2mm.

2.5mm. Average ring diameter is usually 19mm, but this obviously can change from wearer to wearer.

The HB Ring remains quite close to this traditional size, despite all of the included high tech components. It has a width of just 12.1mm, and comes in a variety of diameters from 19mm to 21mm, accommodating most finger sizes and is offered in 6 sizes overall.

The external housing of the HB Ring is constructed from unibody sapphire crystal, which is in theory unscratchable and more durable than your average gold wedding band. Sapphire crystal is the second hardest material found in nature.

Each individual band takes over 8 hours to machine and the close fit between the housing and the internal circuitry makes the ring waterproof for short duration, such as washing your hands, but won't hold up to prolonged immersion. The internal circuitry is made of 18k rose gold, which is harder to scratch than traditional gold, or stainless steel, depending on the price point of the ring.

Below the sapphire crystal exterior lies a sophisticated array of sensors. A flexible light strip runs around the ring, providing a unique uniform lighting stripe, which was custom developed to give the closest visual representation of a heartbeat.

The next inner layer beneath the light strip contains a wrap-around lithium ion battery with enough juice to provide 72 hours of standby time, and 14 hours of active use. This layer also contains a multidimensional flex-rigid custom printed circuit board with the ring's sensors and bluetooth communication array.

The innermost ring of the HB Ring contains a small window through which an advanced heartbeat monitor can detect the pulse of the wearer's partner. This sensor port is also constructed from sapphire crystal.

The HB Ring chargers are designed together with German manufacturer of high-end jewellery boxes, and each ring comes with a single dock, and the second, a larger 'Double Piano Black' charger box allows both rings to be charged simultaneously.

Both charger docks come with cream white soft padding interior and a shiny black finish, and the double charger box is made of Solid Rose Gold HB Rings.

How does the HB Ring Work?

Once newlyweds have said their vows and taken the plunge, the HB ring is worn on the ring finger and connected to a smartphone. The HB ring is currently compatible only with iOS users in its beta stage, but will offer android support by the end of the year.

Users simply download the app, pair the rings, and they're ready to start touching. The app is simple but offers a wealth of information from a bluetooth connected wearable, such as battery life remaining and connectivity status.

Once the HB rings are paired with the app, users double tap the touch sensitive exterior of the HB Ring.

The lighting strip flashes once to notify the wearer that the request has been sent, and after a few seconds the app displays the heartbeat of the partner wearing the other ring. The paired ring, however, does not show any notification if you touch the ring.

As the HB ring uses bluetooth to connect to and use the internet connection of your smartphone, you'll need share your heartbeat with your partner.

The data usage of the HB ring is relatively small however, and will use less than half a megabyte per day if c fifteen times a day. The communication protocol used to transmit your biometric data to your partner is also with any third party.

The HB Ring will be compatible on shipment with both Android and iOS devices, and requires bluetooth 4.0 modern smartphones released after the iPhone 4s.

HB Ring Availability and Pricing

The HB ring is currently available for pre-order via The Touch HB Ring website, with the Solid Rose Gold HB 2016. Stainless Steel HB Rings will be shipping from December 2016.

The Solid Rose Gold rings are available from \$3,000 USD, and the stainless steel variants from \$600 USD. T boxes (or the double charger box in the case of the Rose Gold HB Rings), user manual, and USB cable.