

The BRAUMS Audio Tactile Push Button is an elegant, robust and intuitive design which allows pedestrians, including those that are blind, deaf or otherwise distracted, to cross the road safely. The Push Button has been assisting people in Australia, New Zealand, Singapore, Qatar, Ireland and Fiji, to name just a few countries using this product. The Push Button is typically mounted on a traffic light pole on each side of a pedestrian crossing at an intersection and operates on safer Extra Low Voltage.

The BRAUMS Push Button works in all weather conditions and environments, with field proven reliability in harsh climates such as the high heat and dust in the Middle East, as well as high humidity in South East Asia.

Observing the design, we can see the circular upper half of the front face which is known as the 'Arrow Disc', which has a distinctive large arrow on a blue background. This disc can be rotated to suit site conditions, and the arrow is raised so that visually impaired can feel it and know the direction of travel when they may cross. Behind the arrow disc is the transducer, which acts as both a loudspeaker as well as a tactile pulse generator. There are different sounds/pulse frequencies that are emitted,



depending if the pedestrian is to wait or cross at the intersection. There is also a microphone in the BRAUMS Audio Tactile Driver, which constantly monitors the ambient noise and adjusts the volume of the transducer in real-time, making it louder when the environment is louder, and softer when it is quiet at the intersection.

The bottom half of the BRAUMS Push Button has a large stainless-steel circular button, which is concave in its design. The button has been designed in this way that when the pedestrian starts to press the button, the mechanism engages so that it has certainty of activating the signal to the traffic signal controller to let the system know that there is someone waiting to cross.

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