



TWEETY

Touch Pedestrian Push Button for Visually Impaired

The Tweety DNV Touch is a capacitive-activation pedestrian push button designed for installation at signalized pedestrian crossings, in combination with the DNV2000 acoustic device, allowing crossing requests from both sighted pedestrians and people with visual impairments, in compliance with the regulations established by the Highway Code.



PULSANTE A VIBRAZIONE PER
NON VEDENTI

www.scae.net



General Features

The device is housed in a compact enclosure containing all electrical circuitry and is designed for installation at a standard height of 1.10 m to 1.20 m from the ground, on a traffic light pole or wall, near the pedestrian crossing.

It offers two activation modes:

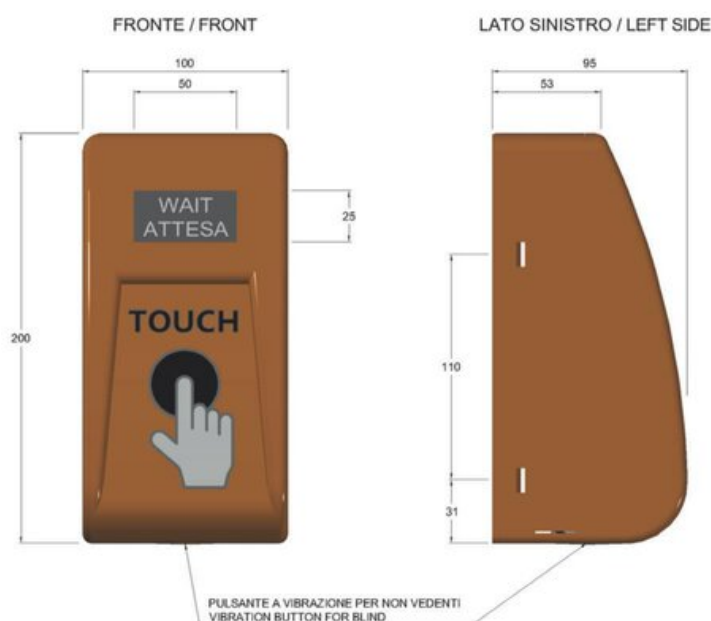
- Front Touch Sensor:
 - Capacitive touch activation without mechanical pressure.
 - Located on the front of the device.
 - Used by sighted pedestrians to request crossing.
- Hidden Vibrating Touch Sensor:
 - Designed for visually impaired or blind users.
 - Positioned at the bottom of the enclosure to minimize accidental activations.
 - Features a tactile surface with an integrated directional arrow to aid orientation and correct positioning at the crossing point.

The enclosure is made entirely of high-strength polycarbonate, rated IP55, and designed to resist vandalism.

Available in three colors:

- Dark Green (standard)
- Yellow (optional)
- Black (optional)

The device can also be adapted for other traffic contexts, such as cyclist crossing requests or other road safety applications.



Main Functions

- Pedestrian request for sighted users via front touch sensor.
- Pedestrian request for visually impaired users via vibrating touch sensor.
- Request confirmation via acoustic signal (buzzer) and vibration.
- Integrated "WAIT" indicator light.

Technical Specifications

- Power Supply: 24 VDC $\pm 15\%$ / -20% , provided by the DNV2000 acoustic device paired with the pedestrian signal.
- Power Consumption: < 2 W
- Operating Temperature: -40°C to $+60^{\circ}\text{C}$
- Protection Rating: IP55 – Class II
- Material: Colored polycarbonate, UV-stabilized
- Dimensions: $200 \times 100 \times 70$ mm
- Standards Compliance:
 - EN 50293
 - CEI 214-7
- Request Confirmation Signal (for visually impaired):
 - Frequency: $2000 \text{ Hz} \pm 10\%$
 - Sound Pressure Level: 50 dBA at 1 meter

SAFE MOBILITY

SCAE

SEMAFORI • CONTROLLI • AUTOMAZIONE • ELETTRONICA

SCAE S.p.A. - 20054 Segrate - MILANO (ITALY) - Via Volta, 6

Tel. +39 02 26 930.1 - Fax +39 02 26 930.310

Cap. Soc. € 3.000.000,00 i.v. Reg. Imprese MI 679633 C.F. e P. IVA 00857000152

www.scae.net - e-mail: info@scae.net