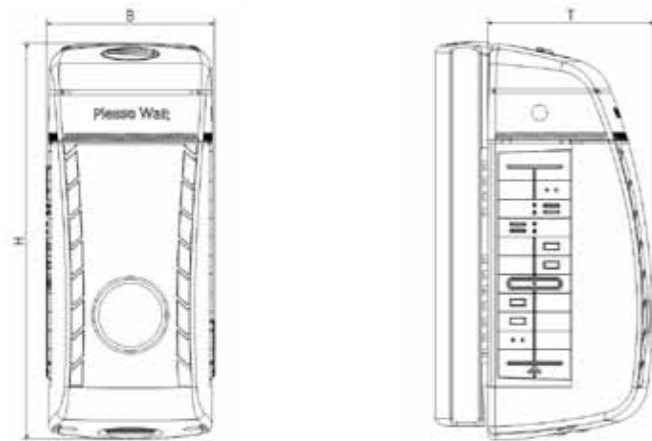


TOUCH SOUND & TOUCH

DIMENSIONS



DIMENSIONS

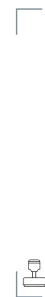
width	105 mm
height	254 mm
depth	107 mm

TECHNICAL DETAILS

Material, housing	UV-stabilized polycarbonate, metal core profile
Housing colour options	yellow, blue, black
Power supply	230V 50Hz, 40V 50 Hz, +10% / -13%, others on request
Temperature range (operation)	-40°C to +60°C
Ingress protection	water- and dust-proof (IP55) Protection Class II
Weight	1.7 kg
Light type	LED
Volume	35-90 dB(A) additional loudspeaker necessary - depending on sound option

Power consumption (typical)	230 V AC: 10 W 40 V AC: 7 W
Mounting	on a round pole (Ø min. 90 mm) or on a plane surface; with wiring inside the pole
Colours for LED-text message and LED-position ring	red text / yellow ring white text / yellow ring yellow text / white ring
Housing-symbols	hand, bike, blind-sign (others on request)
Sound	more than 19 different sound options available

YOUR LOCAL CONTACT



SWARCO FUTURIT

SWARCO FUTURIT is the leading global player in LED-based signalling technology. The company specialises in traffic lights, variable message signs, street lighting and railway signals using the very latest developments in light emitting diode (LED) technology offering ecological friendliness and the advantages of low failure rate, energy-saving and a long operating life.

Customers in over 60 countries around the world rely on the outstanding quality of SWARCO FUTURIT products, made in Austria to the highest standards and supporting road safety and improved traffic flows.

SWARCO FUTURIT
Verkehrssignalsysteme GesmbH



TOUCH SOUND & TOUCH PUSH BUTTON

ONE DESIGN - MULTIPLE FEATURES

SWARCO FUTURIT, world leader in the development and production of traffic signal heads, once more demonstrates its pioneering spirit and innovative power. The new multi-functional TOUCH SOUND and TOUCH push buttons assist pedestrians, cyclists and visually impaired in safely crossing intersections.

The push buttons TOUCH SOUND and TOUCH not only fulfil the needs of the road users, but can also be adapted to the individual requirements of the intersections in a city. No matter which features are required, the design of the push buttons remains the same – one design for the whole city.



IMPROVED SAFETY FOR ROAD TRAFFIC

Due to increasing traffic volume it's getting more and more important to protect pedestrians and cyclists at intersections. Therefore SWARCO FUTURIT designed its own push buttons TOUCH SOUND and TOUCH with clear LED-signals and reliable information for crossing the street safely.

Main advantages of TOUCH SOUND and TOUCH:

- modular construction allows adaption to all kinds of intersections
- one design for the whole city, independent of different functions of each intersection
- no movable parts, which could be deactivated by toothpicks, chewing gums etc.
- resistant against vandalism due to a strong polycarbonate body with an integrated metal core profile
- laterally applied tactile symbols for describing the crossing for visually impaired
- localisation of the push button due to acoustic and optical position signal (LED-ring)
- integrated acoustic units
- fulfil all the requirements of current guidelines and regulations (RiLSA, DIN 32981, DIN VDE 0832, EN 50293) - tested by TÜV Rheinland

TOUCH SOUND & TOUCH

Key Benefits

- housing colour options „yellow, blue or black“ - supporting local regulations and/or cityscape
- robust, large scale capacitive sensor (no moveable parts) allows comfortable and reliable activation at all temperatures
- direction arrow mounted at the top and/or bottom indicates the walkway direction
- up to eleven laterally applied tactile symbols describe the crossing
- different optical feedback texts with LED illumination (BITTE WARTEN; PLEASE WAIT!; VENT; Va rugam asteptati / Please wait; SIGNAL KOMMT; STOP KYTIHI3); other text messages on request
- housing-symbols „hand“, „bike“, „blind-symbol“ are available on request
- easy mounting on a pole or on a plane surface
- factory preconfiguration reduces set-up time
- the volume of the position- and release-signal is automatically adapted to the environmental noise
- wide range of configurable sound intensity of acoustic signals: min. 35 dB(A) up to max. 90 dB(A)
- rise- and drop-time of acoustic signal is changeable
- position- and „green-phase“-signal are independently configurable
- acoustic and tactile „green-phase“-signal with optimized vibration on the covered button to give clear indications
- very precise operation of acoustic unit, which allows reproducible outputs referring to tone frequency and sound intensity
- all electronic parts are placed inside the push button in a separate box to allow quick and easy installation and maintenance
- Infrared interface allows remote settings with a handheld, e.g. regulation of the sound intensity, without opening the push button



optional housing laser symbols



TOUCH SOUND and TOUCH also available in black

MULTI-FUNCTIONAL DESIGN

Operation



1. easy to locate via bright LED-ring and acoustic position signal



2. activation by gentle touch – LED feedback message lights up and acoustic position signal is activated



3. signalization of "green light" – message disappears and the appropriate release signal sounds

TOUCH SOUND & TOUCH

ONE DESIGN - MULTIPLE FEATURES



Type	TOUCH		TOUCH SOUND					
	S	SL	AS	ASL	ASLC	ASLTC	ATC	AC
Acoustic			•	•	•	•	•	•
Capacitive sensor	•	•	•	•	•	•		
LED-response		•		•	•	•		
Covered button					•	•	•	•
Tactile signal						•	•	

S ... capacitive sensor (no moveable parts)

L ... optical position signal (LED-ring) and optical feedback in the LED response frame (different languages)

A ... integrated loudspeakers

C ... covered button for visually impaired – arrow shows the direction of the walkway

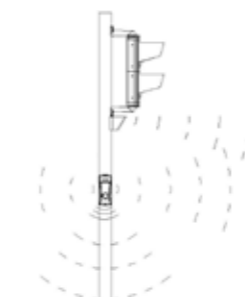
T ... integrated vibration on the covered button

Option:

Some countries demand additional loudspeakers for pedestrian crossings that are longer than 10 m. With FUTURA signals the loudspeaker is mounted on the pole. ALUSTAR ACOUSTIC signals are available with integrated loudspeakers.



FUTURA with additional loud speaker



ALUSTAR ACOUSTIC

