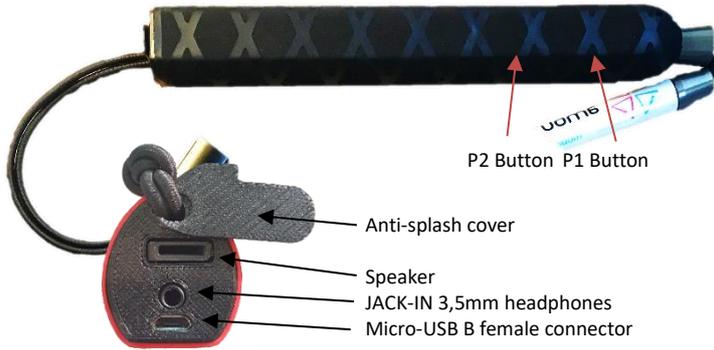




DATASHEET LETIsmart VOCE – P/N° 7V2475.20



AVAILABLE COLORS



NEL KIT

220V AC - 5V DC 1A
Wall power supply



Male type A 2.0 USB to
male Micro-B USB cable



DID YOU KNOW...

A small and powerful electronic circuit that is hidden inside the handle of the usual white stick without affecting its ergonomics and weight and making it speak. It is not a GPS but a sophisticated system of TAGs that gives much more information from the smartcity and interacts with it to be guided supporting the visually impaired people in personal urban autonomy. LETIsmart VOCE is able to communicate with LETIsmart TAG which can be installed on building including your home, traffic lights, shops, museums, pharmacies, hospitals, road and danger signs, buses and taxis. The system has been carefully studied to meet any real present and future need of the blind user.

VOICE ASSISTANT LANGUAGES



ADVICE

- For a correct use, a training by a qualified Orientation and Mobility instructor is required.
- Any replacement, updates, installation or maintenance must be carried out by an authorized LETIsmart service center.

TECHNICAL FEATURES

Power supply	7 / 5AA 3.7V 1200mah li-ion long lasting built-in rechargeable battery d14,4x68mm
Autonomy (ON)	20h
Battery charger	220V AC - 5V DC 1A USB wall power supply Male type A 2.0 USB to male Micro-B USB cable
Charging time (100%)	4h
RAM memory	128MB
Radio connectivity	Wireless LoRa
Transmission band	ISM – 868MHz
Buttons	P1 e P2
Connector (with anti-splash cover)	Micro-USB for battery charging JACK 3,5mm for headphones
Integrated speaker volume levels	5 levels: Volume 1 (low), Volume 2, 3, 4, Volume 5 (high)
Vibration feedback	Active
Operating temperature	-20°C, +60°C
Material (box)	ABS Flame-resistant - UL94-HB
Diameter / length	32mm / 200mm
Weight (with battery)	140gr
Handle	Ergonomic slip-proof
Features to reduce the environmental impact	Mercury, beryllium, arsenic, lead and brominating flame retardant free materials.

CONTROLS

POWER ON:

By pressing the P1 button the system turns on.

POWER OFF:

Pressing the P2 button for more than 2 seconds the system will say "System in shutdown" and it will turn off.

MESSAGE LISTENING and BOOKING:

Normally the system is in "LISTENING" mode.

For each new message received by LETIsmart TAG beacons, the system emits a double vibration and reproduces the message received (eg "Line 20 - Central Station Direction"). The system sequentially reproduces all the messages received (based on the configured mode, such as BUS & TAXI mode for example). By pressing the P1 button, you can listen to all the messages received from the last to the first (each time the P1 button is pressed, the system emits a double vibration and reproduces a message). Pressing the P2 button within 120 seconds of listening to a message the system enters the "BOOKING" mode and announces the reservation and activation of the directional sound system of the TAG relating to the "booked" message.

As long as the "BOOKING" mode is operating, any new messages will be discarded.

It is possible to make multiple reservations by pressing the P2 button several times.

After 120 seconds from listening to a message, the system emits a single vibration to indicate the end of the availability of the reservation and therefore the return to the "LISTENING" mode.

CONFIGURATION:

Configurable entries and parameters: MODE, VOLUME, BATTERY STATUS, SPEED, NOTICE, LANGUAGE. Pressing the P1 button for over 1.5 seconds the "CONFIGURATION" procedure is entered. The system emits a double vibration and says the first configurable entry which is "MODE". By pressing the P1 button several times the system scrolls through the available entries. By pressing the P2 button the management of the entry just listened to is entered, and then, with the P1 and P2 buttons the available parameters may be changed. By not pressing any button for more than 2 seconds the system accepts the new parameter by emitting a double

vibration which also indicates the exit from the configuration procedure.

The "MODE" entry can be configured as follows: URBAN INFORMATION (traffic lights, emergency lamps **), FAVORITE BUSES (preferred routes), BUSES & TAXI, URBAN & COMMERCIAL INFORMATION, INTERIORS. The configuration is chosen according to the needs and the type of route to be taken.

To travel by bus, "Autobus & Taxi" should be selected; to cross the street, "Urban information" should be selected, and so on.

** Vocal references comply with the standard for architectural barriers and tactile-plantar regulation for orientation and danger recognition.

WARNINGS:

Battery status: from level 1 (discharged) to level 4 (full charged).

Reading speed: from speed 1 (low) to speed 5 (high).

COMPLIANCE

- 2014/53/EU RED relating to the making available on the market of radio equipment:
- 1999/519/EC on the limitation of exposure of the general public to electromagnetic fields.
- EN 300 220-1 e EN 300 220-2 SRD.
- EN 301 489-1 e EN 301 489-3 EMC.
- EN/IEC 62368-1.
- EN/IEC 60529 (IP55).

EN/IEC 62311.

- IPC A 610 G Class III assembly standards, ESD conformity CEI EN 61340 5 1, J STD 001 and J STD 033.
- 2015/863/EU RoHS III (leadfree) Directive.
- Reach 1907/2006/EU_reg453/2010/UE SVHC art31 Registration, Evaluation, Authorization and Restriction of Chemicals.