



## DATASHEET VOCE&LUCE – P/N° 7V2475.00



### LANGUAGES SUPPORTED BY THE VOCE SYSTEM



### RECOMMENDATIONS

- For a correct use it is required a proper training by a certified Orientation & Mobility specialist
- Any battery replacement, updates, installation or maintenance must be carried out by a LETismart authorized service center.

### CHARACTERISTICS

**LETismart VOCE:** a small and powerful electronic circuit, placed inside the handle of the usual white cane, that makes it speak, without affecting its ergonomics and weight. It is not a GPS, but a sophisticated system of beacons, that gives much information; it allows the user to interact with the smartcity, to be guided in the urban environment and to facilitate the visually impaired people in their autonomy.

LETismart VOCE is able to communicate with beacons, called LETismart TAG, which can be installed on buildings, including everyone's home, traffic lights, commercial activities, museums, pharmacies, hospitals, road and danger signage, buses and taxi. The system has been carefully studied to meet any real present and future need of the blind user.

**LETismart LUCE:** A microprocessor which, through the magnetic and brightness sensor, allows an optimal power management. The built-in algorithm, which can be customized during the production, allows the cane to turn on and off automatically; it responds to low light conditions and allows the light to remain turned on even when the cane is hit by momentary light sources, such as headlight, avoiding unpleasant interruptions of operation. LETismart LUCE is adaptable to all models of folding blind cane just by replacing the joints.

It is also possible to interchange the various types of tips (hook tips or 8mm threaded tips).

The system is perfectly integrable with systems and tools for the autonomous mobility of blind and visually impaired people, such as tactile-plantar paths on the floor, tactile maps, guide dogs and white cane.

### IN THE KIT



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

Male type A USB to C USB male cable

### OPTIONS

#### White cane length:

Length 112mm	B1M071120
Length 117mm	B1M071170
Length 122mm	B1M071220
Length 127mm	B1M071270
Length 132mm	B1M071320

#### Colours:

	Black coating (default) B1C138430
	Blue coating B1C138430
	Yellow coating B1C138430
	Red coating B1C138430

#### Accessories:

	Waist bag	7V2475.05
	TAG Personal Trainer	7V2475.48
	Battery charger 4 rechargeable batteries AAAA	7V2475.04

### THE LETI VOCE & LUCE SYSTEM CONTROLS

#### POWER ON:

By pressing the P1 button the system turns on.

#### POWER OFF:

By 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:

The system usually is in "LISTENING" mode.

The system emits a double vibration, when it received a new message from the LETismart TAG, and reproduces it (ex. "Line 20 - Central Station Direction"). The system reproduces all the messages received sequentially (based on the configured mode, such as BUS & TAXI mode). 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 twice within 120 seconds from the last message, the system enters the "BOOKING" mode: it announces the reservation and the start-up of the directional sound system of the TAG, related to the "booked" message.

Any new message will be discarded until the "BOOKING"

mode will be switched off.

It is possible to get multiple reservations by pressing the P2 button twice sequentially.

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

#### CONFIGURATION:

Configurable entries and parameters: MODE, VOLUME, BATTERY STATUS, SPEED, NOTICE, LANGUAGE, DOUBLE CLICK'S SPEED, SERIAL NUMBER.

By pressing the P1 button for over 1.5 seconds the system enters the "CONFIGURATION" procedure. 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 system enters the management of the entry just listened and the available parameters may be changed using the P1 and P2 buttons. 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 of the user and the type of route to be taken.

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

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

#### WARNINGS:

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

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