



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



LANGUAGES SUPPORTED BY THE VOCE SYSTEM



CHARACTERISTICS

LETIsmart VOCE: a small and powerful electronic circuit that hides inside the handle of the usual white cane without affecting its ergonomics and weight and making it speak. It is not a GPS but a sophisticated system of beacons that gives much more information allowing the user to interact with the smartcity to be guided and facilitating the visually impaired in personal urban 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 signs, buses and taxis. 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 management of consumption. The algorithm implemented, configurable in production, allows the stick to turn on and off automatically reacting to low light conditions and allows the light to remain active when the stick is hit by momentary light sources, such as the headlights of the machines, avoiding unpleasant operation interruptions. LETIsmart LUCE is adaptable to all models of white folding cane with the replacement of the joints only. It is also possible to interchange the various types of tips with M8 thread or by reusing hook tips.

ADVICE

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

IN THE KIT



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

Type A USB 2.0 - Micro-B male USB 2.0 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

CONTROLS OF THE LETI VOCE & LUCE SYSTEM

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, 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).