

SmartVOX®

WATERPROOF RADIO
PUSH-BUTTON
BOX SB



INSTALLATION
AND OPERATING
MANUAL

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REFERENCES

SB x x x

SB	SmartVOX® waterproof radio push-button
6	6 buttons
A	Standard version
K	Version with unlocking key
x	Custom version – contact ae&t
B	Black grip
R	Red grip
x	Other colours available on request

ACCESSORIES



CHARACTERISTICS

- Compatible with the entire SmartVOX® range
- Fully configurable independently of other devices
- The system continuously monitors radio communication status, battery levels, and unlock status across the network (K version).
- LED indicator showing operating status.
- Requires the buttons to be held down to prevent accidental activation

Radio

Frequency band	868 MHz
Modulation	LoRa
Standard	ETSI EN300 220
Repeater	No
Range	Up to 1.2 km

Electrical

Battery	2x Non-rechargeable CR123A 3V batteries (ref. SA001 – not included)
Battery life at 20°C	5 years

Mechanical

Dimensions	171 x 95 x 33 mm
Weight (batteries included)	330 g
Ingress protection	IP67
Operating temperature	-20°C to +50°C

Configuration

Configuration	USB A <-> Mini USB B cable (ref. SA002 – not included)
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Do not expose to direct sunlight

1 OPEN THE ENCLOSURE AND INSERT THE BATTERIES

- Remove the 6 screws.



(A)

- Insert the two batteries, observing the correct polarity



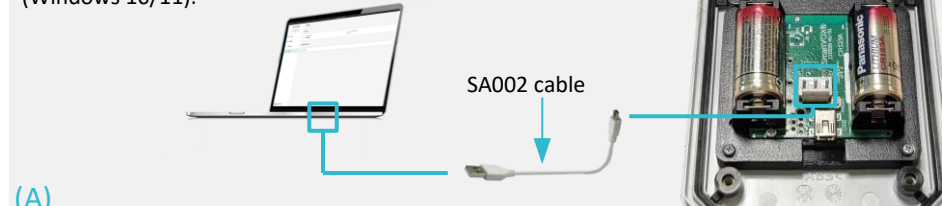
NOTES:

- Configuration settings are retained when the batteries are replaced
- Check that the seal is correctly positioned before closing the enclosure

(B)

2 CONFIGURE THE MANUAL CALL POINT (1/2)

- Connect the manual call point to a computer (Windows 10/11).



(A)

- Download and launch the SmartVOX-Config application



(B)

- Select "SB SmartVOX® push-button box"



(C)

3 CONFIGURE THE MANUAL CALL POINT (2/2)

For configuration instructions, refer to the SmartVOX® general manual



aet.fr/xpa3074

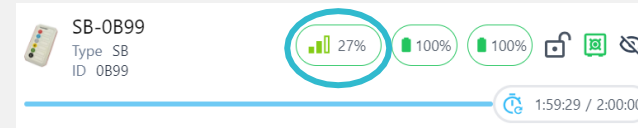
- Adjust the radio settings: the settings must be identical on all SmartVOX® devices on the network.
- Add the sounds and messages to be broadcast to the custom sound library.
- Rename the push-button box
- Configure the scenarios to be activated when the buttons are pressed

4 CHECK THE RANGE

Position the push-button box close to its final location. Briefly press one of the configured trigger buttons. This action forces the push-button box to transmit its information over the network.

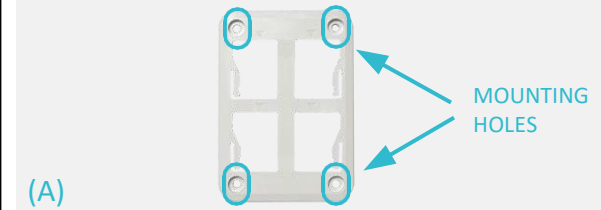


Check the radio coverage levels by connecting to the monitoring system via Bluetooth using an SV(L) sounder.

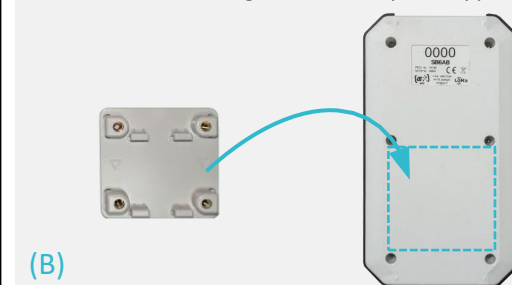


5 FIT THE PUSH-BUTTON BOX USING THE SA004 WALL MOUNTING BRACKET (OPTIONAL)

Secure the wall-mounted part of the bracket in its final position using suitable screws.

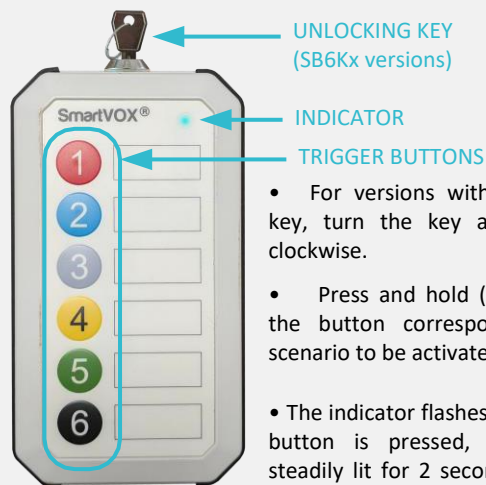


Attach the second part of the wall mounting bracket to the call button enclosure using the adhesive pads supplied.



6 OPERATE THE MANUAL CALL POINT

Activate a scenario



- For versions with an unlocking key, turn the key a quarter turn clockwise.
- Press and hold (for 2 seconds) the button corresponding to the scenario to be activated.
- The indicator flashes blue while the button is pressed, then remains steadily lit for 2 seconds to confirm that the scenario has been activated.

NOTE: The unlocking key can only be removed when in the locked position.

7 MAINTENANCE

Correct operation

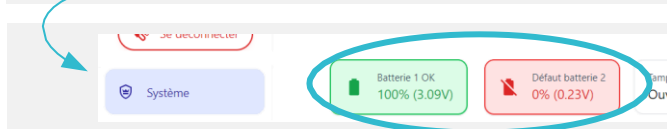


Battery fault(s)



At least one of the batteries is missing or has a charge level below 10%.

Replace the batteries (see Step 1) or connect to SmartVOX® Config for more details.



- Do not swallow the battery. Risk of chemical burns. This product contains a button cell battery. If swallowed, the button cell battery can cause severe internal burns in as little as 2 hours and may result in death.
- Keep new and used batteries out of the reach of children.
- If the battery compartment does not close securely, stop using the product and keep it out of the reach of children.
- If you think batteries may have been swallowed or inserted into any part of the body, seek immediate medical attention.
- Replacing a battery with an incorrect type may result in an explosion or the leakage of flammable liquid or gas.
- Disposing of a battery in fire or a hot oven, or mechanically crushing or cutting a battery, may result in an explosion.
- Leaving a battery in an extremely hot environment may result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.