

CEX wireless range extender

User manual • Bruksanvisning • Manuel d'utilisation • Bedienungsanleitung • Manual del propietario

SPECIFICATIONS

Type: WiFi wireless extender

Channels: 3

ID codes: 10

Dimensions:

Height: 110 mm

Width: 95 mm

Thickness: 30 mm

WIRELESS FEATURES

Extended range: 20–100 m depending on conditions

RF band (WIFI): 2.4 GHz

RF band between units: 5.8 GHz

Wireless full CD audio quality

No interference or delays

Sample rate: 48 KHz

Plug n' play, no software needed

Dedicated proprietary network protocol

Channel sniffing and frequency hopping

3 channels with 10 ID codes on each channel

ENGLISH

WIRELESS TRANSMITTER SONAB CEX

**UNIT 1: FCC ID: XCO-CEXUT1
FCC IC: 7756A-CEXUT1**

**UNIT 2: FCC ID: XCO-CEXUT2
FCC IC: 7756A-CEXUT2**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Pour satisfaire aux exigences de la FCC d'exposition aux radiofréquences, une distance de séparation de 20 cm ou plus doit être maintenue entre cet appareil et des personnes lors de fonctionnement du dispositif. Pour assurer la conformité des opérations au plus près que cette distance n'est pas recommandée. L'antenne utilisée pour ce transmetteur ne doit pas être co-localisés en conjonction avec toute autre antenne ou transmetteur.

Cet appareil est conforme à la Partie 15 des règlements de la FCC. L'opération est soumise aux deux conditions suivantes: (1) cet appareil ne peut causer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences qui peuvent provoquer un fonctionnement indésirable.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé par l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

INSTALLATION

- 1. Place CEX units high, preferably at same level as speakers and CTX transmitter.**
 - 2. Use CEX units to go around difficult wifi conditions.**
 - 3. Use CEX to extend network up to 100m with each pair of CEX.**
 - 4. Place CEX freely and visible, not in closed compartments.**
- Avoid placing near or with blocking metal materials around of CEX.**
- 5. Easy placement on wall.**
 - 6. When installing, try different placements of the CEX units to achieve best possible connection and extension.**

WHEN INSTALLING, ALWAYS OBSERVE THE NATIONAL INSTALLATION AND ACCIDENT PREVENTION REGULATIONS.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



WARNING
Risk of electric shock
Do not open

AVIS
Risque de choc électrique
Ne pas ouvrir



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

13. Damage Requiring Service

Unplug the apparatus from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- A. When the power-supply cord or plug is damaged,
- B. If liquid has been spilled, or objects have fallen into the apparatus,
- C. If the apparatus has been exposed to rain or water,
- D. If the apparatus does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the apparatus to its normal operation,
- E. If the apparatus has been dropped or damaged in any way, and
- F. When the apparatus exhibits a distinct change in performance this indicates a need for service.

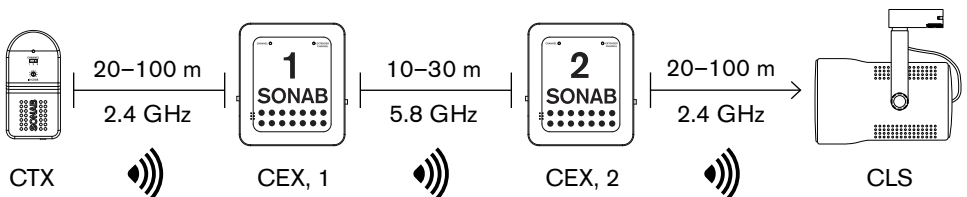
14. Object and Liquid Entry

Never push objects of any kind into the apparatus through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases shall be placed on the apparatus. Don't put candles or other burning objects on top of this unit.

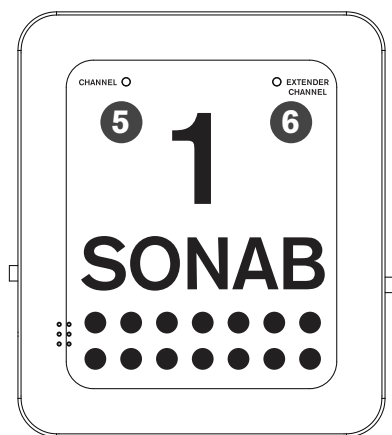
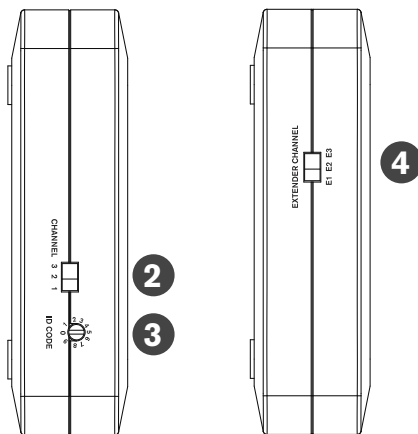
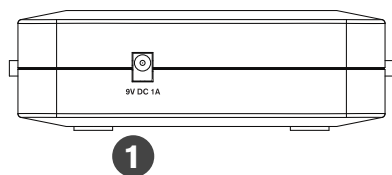
15. Batteries

Always consider the environmental issues and follow local regulations when disposing of batteries.

16. The power supply and power cord for this apparatus is intended for indoor use only.



OVERVIEW



BOTTOM

1. Power. Connect to the external power supply (included in the package.)

LEFT SIDE

2. Channel. Set unit 1 to same channel as CTX. On unit 2, set to *different* channel.

Example: If system and Unit 1 is set to channel 1, set unit 2 to channel 2 or 3.

All speakers which receives signal from CEX Unit 2 must be set to *same* channel as Unit 2.

3. ID code. Set to same ID code as whole system.

RIGHT SIDE

4. Extender Channel. Set both unit 1 and 2 to same internal extender channel E1, E2 or E3.

TOP

5. LED wireless indicator channel

Blue for wireless connection, Red for no connection (and Standby).

6. LED wireless indicator extender channel

Blue for wireless connection, Red for no connection (and Standby).