

# Compliance information

**- DECT Headsets H10 & H20 -**

September 2022

# Regulatory – Compliance and Agency Approval

The Sangoma DECT headsets **H10** and **H20** comply with or has obtained Regulatory Agency approval at least against the following standards:

- **EMC – Emission** (Class B) FCC Part 15 - 2012  
ICES-003 issue 6  
EN 301 489-1 V2.1.1, 2017  
EN 301 489-6 V2.1.1, 2016
- **EMC – Immunity** EN 301 489-1 V2.1.1, 2017
- **Safety** IEC 60950-1: 2005 + A1 + A2  
UL 60950-1 2<sup>nd</sup> Ed 2014  
CSA N° 60950-1-07 2<sup>nd</sup> 2014  
EN 62368-1:2014
- **Health** EN 50360: 2017  
EN 50385: 2017  
EN 50566: 2017
- **Telecom + HAC** FCC 47 CFR 68  
TIA-968-B  
IC CS-03 Part 1 Issue 9 + A4  
IC CS-03 Part V Issue 9 + A1
- **Radio** EN 301 406 V2.2.2, 2016  
FCC Part 15D, 2012  
RSS-213 issue 3, 2015

# Compliance and Regulatory Statements

## 1. EN 301 489-1 V2.1.1 – Class B statement

This is a Class B product.

## 2. FCC Part 15 Statement

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 connect 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.

This equipment complies with Part 15C of the FCC rules

## 3. Exposure to Radio Frequency Signals

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device complies with FCC SAR limit.

### Specific Absorption Rate (SAR) information

SAR tests are conducted using standard operating positions accepted by FCC with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new product is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, tests for each phone are performed in positions and locations as required by the FCC.

- For headset, this part has been tested and meets the FCC RF exposure guidelines when used with an accessory designed for this product or when used with an accessory that contains no metal.
- For base, this equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

## 4. FCC Part 68 Statement

This equipment complies with Part 68 of the FCC rules and the requirement adopted by ACTA of the United States.

On the product nameplate of this equipment is a label that contains, among other information, a product identifier in the format US: AAAEQ##TXXXX.

## 5. ISED Statement

This equipment does not exceed Class B limits for radio noise emissions for digital apparatus, set out in Radio Interference Regulation of ISED. Operation in a residential area may cause unacceptable interference to radio and TV reception requiring the owner or operator to take whatever steps necessary to correct the interference.

The ISED label identifies certified equipment. The certification means that the equipment meets certain telecommunications network protective, operations, and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The ISED does not guarantee the equipment will operate to the user's satisfaction. It complies with the RSS-213 standard.

### RSS (Category 1 Equipment)

This device contains licence-exempt transmitter/receiver that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS standard. Operation is subject to the following 2 conditions:

- 1) This device may not cause interference, and
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

### Specific Absorption Rate (SAR) information

SAR tests are conducted using standard operating positions accepted by ISED with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. Before a new product is available for sale to the public, it must be tested and certified to the ISED that it does not exceed the exposure limit established by the ISED, tests for each phone are performed in positions and locations as required by the ISED.

- For headset, this part has been tested and meets the ISED RF exposure guidelines when used with an accessory designed for this product or when used with an accessory that contains no metal.
- For base, this equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

## 6. Notice d'ISDE

Cet équipement ne dépasse pas les limites de Classe B d'émission de bruits radioélectriques pour les appareils numériques, telles que prescrites par le Règlement sur le brouillage radioélectrique établi par l'ISDE. L'exploitation faite en milieu résidentiel peut entraîner le brouillage des réceptions de radio et de télévision, ce qui obligerait le propriétaire ou l'opérateur à prendre les dispositions nécessaires pour en éliminer les causes.

L'étiquette d'ISDE identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme aux normes de protection, d'exploitation et de sécurité des réseaux de télécommunications, comme le prescrivent les documents concernant les exigences techniques relatives au matériel terminal. Le Ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur. Est conforme au standard RSS-213.

### RSS (Equipment de catégorie 1)

Cet équipement contient un émetteur / récepteur sans licence conforme à la norme RSS sans licence d'Innovation, Sciences et Développement économique du Canada. Son fonctionnement est soumis aux 2 conditions suivantes :

- 1) Cet équipement ne doit pas produire de brouillage.
- 2) Cet équipement doit accepter tout brouillage radioélectrique subi, même si ce brouillage est susceptible d'en compromettre le fonctionnement.

## Informations sur le Débit d'Absorption Spécifique (DAS)

Les tests DAS sont effectués en utilisant des positions de fonctionnement standard acceptées par ISDE avec l'appareil émettant à son niveau de puissance certifié le plus élevé dans toutes les bandes de fréquences testées, bien que le DAS soit déterminé au niveau de puissance certifié le plus élevé, le niveau DAS réel de l'appareil pendant son fonctionnement peut être bien en dessous de la valeur maximale. Avant qu'un nouveau produit ne soit disponible pour la vente au public, il doit être testé et certifié par ISDE qu'il ne dépasse pas la limite d'exposition établie par ISDE, des tests pour chaque téléphone sont effectués dans les positions et emplacements exigés par ISDE.

- Pour le casque, cette pièce a été testée et répond aux directives d'exposition RF d'ISDE lorsqu'elle est utilisée avec un accessoire conçu pour ce produit ou lorsqu'elle est utilisée avec un accessoire qui ne contient aucun métal.
- Pour la base, cet équipement est conforme aux limites d'exposition aux rayonnements d'ISDE établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

## 7. EU Directives: RED and RoHS Recast

- SANGOMA vakuuttaa täten että H10, H20 tyyppinen laite on direktiivin 2014/53, 2011/65, 2015/863 oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
- Hierbij verklaart SANGOMA dat het toestel H10, H20 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53, 2011/65, 2015/863.
- Par la présente SANGOMA déclare que les H10, H20 sont conformes aux exigences essentielles et aux autres dispositions pertinentes des Directives 2014/53, 2011/65, 2015/863.
- Härmed intygar SANGOMA att denna H10, H20 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53, 2011/65, 2015/863.
- Undertegnede SANGOMA erklærer herved, at følgende udstyr H10, H20 overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53, 2011/65, 2015/863.
- Hiermit erklärt SANGOMA, dass sich dieses H10, H20 in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 2014/53, 2011/65, 2015/863 befindet (BMW i).
- ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ SANGOMA ΔΗΛΩΝΕΙ ΟΤΙ Η10, Η20 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53, 2011/65, 2015/863.
- Con la presente SANGOMA dichiara che questo H10, H20 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53, 2011/65, 2015/863.
- Por medio de la presente SANGOMA declara que el H10, H20 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53, 2011/65, 2015/863.
- SANGOMA declara que este H10, H20 está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53, 2011/65, 2015/863.
- Hawnhekk, SANGOMA, jiddikjara li dan H10, H20 jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 2014/53, 2011/65, 2015/863.
- Käesolevaga kinnitab SANGOMA seadme H10, H20 vastavust direktiivi 2014/53, 2011/65, 2015/863 põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
- Alulírott, SANGOMA nyilatkozom, hogy a H10, H20 megfelel a vonatkozó alapvető követelményeknek és az 2014/53, 2011/65, 2015/863 irányelv egyéb előírásainak.
- SANGOMA týmto vyhlasuje, že H10, H20 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53, 2011/65, 2015/863.
- SANGOMA tímto prohlašuje, že tento H10, H20 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53, 2011/65, 2015/863.
- Šiuo SANGOMA deklaruoja, kad šis H10, H20 atitinka esminius reikalavimus ir kitas 2014/53, 2011/65, 2015/863 Direktyvos nuostatas

- Ar šo SANGOMA deklarē, ka H10, H20 atbilst Direktīvas 2014/53, 2011/65, 2015/863 būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
- SANGOMA izjauva, da je ta H10, H20 skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/53, 2011/65, 2015/863.
- Hér með lýsir SANGOMA yfir því að H10, H20 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53, 2011/65, 2015/863.



## DECLARATION OF CONFORMITY

We, Sangoma, declare under our sole responsibility that the DECT phones

**H10**  
**H20**

to which this declaration relates, are in conformity with:

- 1- All applicable essential requirements following the provisions of the European Directive 2014/53/EC.

Product compliance has been demonstrated against the following standards:

EN 301 406 V2.2.2	2017
EN 301 489-1 V2.2.3	2019
EN 301 489-6 V2.2.1	2019
EN 62479	2010
EN 50663	2017
EN 62368-1	2014

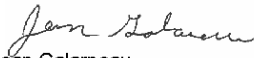
- 2- The RoHS European Directives 2011/65/EC and 2015/863/EC

Product compliance has been demonstrated against the following standard:

EN 50581	2012
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The technical file is kept at: *Sangoma*  
100 Renfrew Drive  
Markham, Ontario L3R 9R6  
Canada

Markham, 18 June 2020

  
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- Niniejszym SANGOMA oświadcza, że H10, H20 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2014/53, 2011/65, 2015/863.
- SANGOMA erklærer herved at utstyret H10, H20 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53, 2011/65, 2015/863.
- Noi SANGOMA declarăm că EXP100 respectă cerințele esențiale și alte dispoziții relevante din directivele 2014/53, 2011/65, 2015/863.
- SANGOMA декларирам на своя отговорност, че далекосъобщително устройство H10, H20 съответства на съществените изисквания по 2014/53, 2011/65, 2015/863.

## 8. UK Regulations: EMC + Safety + RoHS



### UKCA DECLARATION OF CONFORMITY

We, Sangoma, declare under our sole responsibility that the DECT phone

**H10**  
**H20**

to which this declaration relates, is in conformity with:

- 1- The following UK Regulation 2017 N°1206 as amended in 2019, 2020.

The standards used to show compliance are:

BS EN 301 406 V2.2.2	2017
BS EN 301 489-1 V2.2.3	2019
BS EN 301 489-6 V2.2.1	2019
BS EN 62479	2010
BS EN 50663	2017
BS EN 62368-1	2014


- 2- The RoHS UK Regulation 2012 N°3032 as amended in 2019, 2020.

The standard used to show compliance is:

BS EN 63000	2018
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Markham, 31 August 2022

  
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## Marking

The DECT Headsets **H10** and **H20** bear the following CE mark:



## Environmental Information

### Waste Electrical and Electronic Equipment – WEEE



The WEEE (Waste Electrical and Electronic Equipment) legislation aims to raise the level of recycling of electrical and electronic equipment and to encourage designers to create products with recycling in mind.

The Sangoma equipment that you bought has required the extraction and use of natural resources for its production. It may contain hazardous substances that could impact health and the environment.

In order to avoid the dissemination of those substances in our environment and to diminish the pressure on the natural resources, we encourage you to use the appropriate take-back systems. Those systems will reuse or recycle most of the materials of your end-of-life equipment in a sound way.

The crossed-out wheeled bin symbol invites you not to dispose of WEEE as unsorted municipal waste and to collect such WEEE separately.



### Safety warnings and Precautions

- Access to the interior of this unit shall be made only by a qualified technician  
Only use Re-chargeable Ni-MH Batteries
- Der Zugang ins Innere des Gerätes ist nur einem fachlich qualifizierten Techniker gestattet.  
Verwenden Sie nur wiederaufladbare Ni-MH-Akkus
- Seul un spécialiste doit avoir accès à l'appareil  
Utilisez uniquement des piles rechargeables Ni-MH
- El acceso al interior de esta unidad solo debe ser realizado por un técnico calificado  
Utilice solo baterías recargables de Ni-MH
- L'accesso all'interno di questa unità deve essere effettuato solo da un tecnico qualificato  
Utilizzare solo batterie ricaricabili Ni-MH
- Достъпът до вътрешността на това устройство се извършва само от квалифициран техник  
Използвайте само презареждащи се Ni-MH батерии
- Selle seadme sisemusse pääseb ainult kvalifitseeritud tehnik  
Enne avamist ühendage seade lahti Kasutage ainult korduvalt laetavaid Ni-MH akusid

- Η πρόσβαση στο εσωτερικό της μονάδας πρέπει να γίνεται μόνο από εξειδικευμένο τεχνικό  
Χρησιμοποιείτε μόνο επαναφορτιζόμενες μπαταρίες Ni-MH
- Piekļuvi šīs ierīces salonam nodrošina tikai kvalificēts tehniķis  
Izmantojiet tikai atkārtoti uzlādējamās Ni-MH baterijas
- Prieigos prie šio įrenginio vidaus leidžia tik kvalifikuotas specialistas  
Naudokite tik pakartotinai įkraunamas Ni-MH baterijas
- A készülék belsejébe csak képzett szakember férhet hozzá  
Csak újratölthető Ni-MH akkumulátorokat használjon
- Toegang tot de binnenkant van dit apparaat mag alleen worden gemaakt door een gekwalificeerde technicus  
Gebruik alleen oplaadbare Ni-MH-batterijen
- Tilgang til interiøret på denne enheten skal kun gjøres av en kvalifisert tekniker  
Bruk bare oppladbare Ni-MH-batterier
- Dostęp do wnętrza tego urządzenia powinien wykonywać wyłącznie wykwalifikowany technik  
Używaj tylko akumulatorów Ni-MH wielokrotnego ładowania
- O acesso ao interior desta unidade deve ser feito apenas por um técnico qualificado  
Use apenas baterias Ni-MH recarregáveis
- Accesul în interiorul acestei unități se va face numai de către un tehnician calificat  
Folosii numai baterii Ni-MH reîncărcabile
- Dostop do notranjosti te enote lahko opravi samo usposobljen strokovnjak  
Uporabljajte samo polnilne Ni-MH baterije
- Přístup do vnitřku této jednotky smí provádět pouze kvalifikovaný technik  
Používejte iba nabíjateľné Ni-MH batérie
- Ainoastaan pätevä teknikko voi päästä laitteen sisälle  
Käytä vain uudelleen ladattavia Ni-MH-akkuja
- Tillgång till enhetens inre får endast göras av en kvalificerad tekniker  
Använd endast uppladdningsbara Ni-MH-batterier
- Aðgangur að innréttingu einingarinnar skal aðeins vera gerður af hæfum tæknimanni  
Notaðu aðeins Ni-MH rafhlöður sem hægt er að endurhlaða
- L-access għall-intern ta 'din l-unità għandu jsir biss minn tekniku kwalifikat  
Uża biss Batteriji ta 'Ni-MH li jistgħu jerġgħu jifħallsu mill-ġdid
- Adgang til det indre af denne enhed må kun ske af en kvalificeret tekniker  
Brug kun genopladelige Ni-MH-batterier
- Pristup unutrašnjosti ovog uređaja smije izvršiti samo kvalificirani tehničar  
Koristite samo punjive Ni-MH baterije

## Making changes or modifications



Any changes and modifications not expressly approved by Sangoma will void any compliance and regulatory approval, and will void the user's authority to operate the equipment.