Sherwood

DS-N10A

WIRELESS STREAMING DOCKING SYSTEM

USER GUIDE

- Wireless Music Streaming Via Bluetooth
- Free Sherwood Smart Audio Application
- Stylish and Exquisite Design
- Docks with Android™ Phone
- 6W x 2Ch Powerful Output
- Crystal Clear Stereo Sound
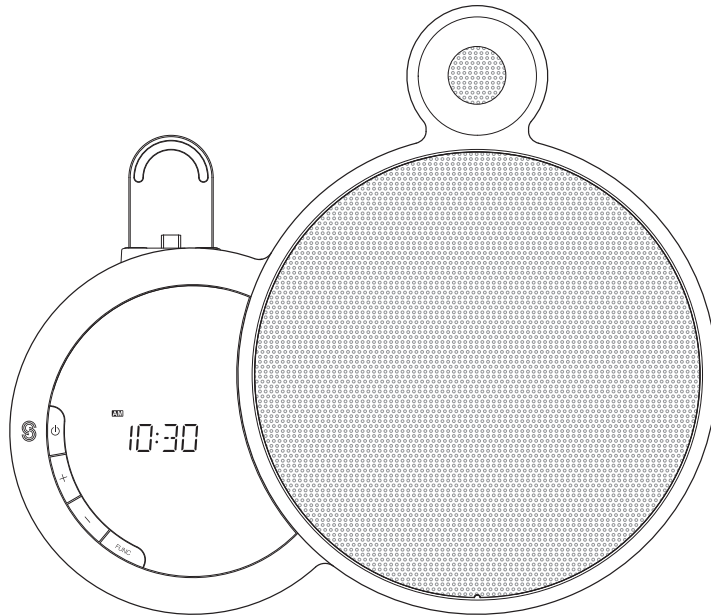
The printed image can be different from the real unit.

Table of contents

Safety precautions

Safety information

- Keep these instructions.
- Clean only with dry cloth.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Unplug the unit during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as power-supply cord is damaged, liquid has been spilled or objects have fallen into the unit, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.

FCC information

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.

Caution: Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003. (Cet appareil numérique de la Classe B est conforme à la norme NMB-003 du Canada.)

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.

IC Radiation Exposure Statement
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

FCC Radiation Exposure Statement
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 of 20 cm between the radiator and your body.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Product Name: WIRELESS STREAMING DOCKING SYSTEM

Model Number: DS-N10A

Responsible Party Name: Inkel Corporation

Address: 3-8, Cheongcheon-Dong, Bupyeong-Gu, Incheon, Korea, 403-853

Phone: 82-32-650-6000

URL: http://www.inkel.co.kr

Safety precautions

CAUTION

- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.

- No naked flame sources, such as lighted candles, should be placed on the unit.

- The unit shall not be exposed to dripping or splashing for use.

- No objects filled with liquids, such as vases, shall be placed on the unit.

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

Notes on the AC power cord and the wall outlet

- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit has been turned off.

- To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.

- When setting up this product, make sure that the AC outlet you are using is easily accessible.

- Disconnect the plug from the wall outlet when not using the unit for long periods of time.
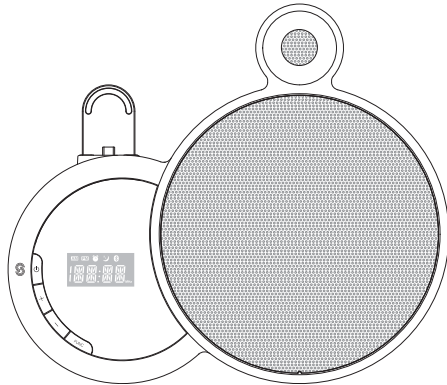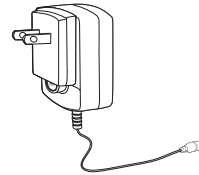
Features

You can enjoy the following features:

- Wireless Music Streaming Via Bluetooth
- Free Sherwood Smart Audio Application
- Stylish and Exquisite Design
- Docks with Android™ Phone
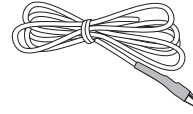- 6W x 2Ch Powerful Output
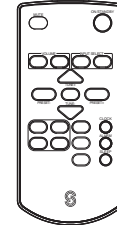- Crystal Clear Stereo Sound

Components

Main unit

| Adapter | FM Radio Antenna | Remote Control |

Note
The shape of the adapter might vary depending on the region where you live.
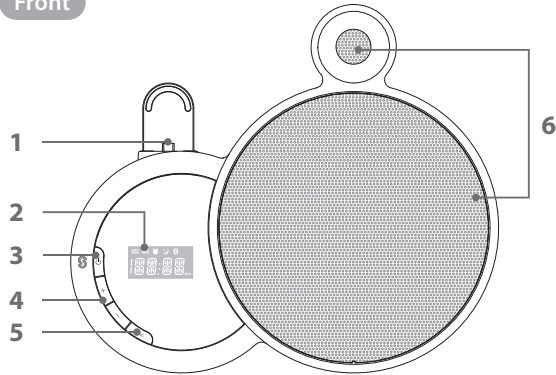
| User Guide | Warranty |

Note
- Contents of the user guide might change without notice.
- Warranty might be provided depending on the region where you live.

Overview

Main unit

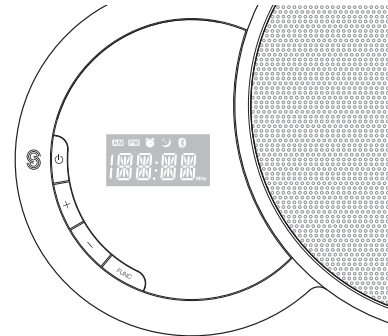| No.	Name	Description
1	Docking connector	Connects Android™ smartphone; charges battery of the docked smartphone
2	LED display	Displays system information
3	ON/STANDBY button	Turns on the main unit if pressed shortly, displays time if pressed shortly when the main unit is on
4	Volume button	Increases or decreases the volume
5	FUNC button	Changes function: Bluetooth Streaming, USB, FM, AUX IN
6	Speaker	Stereo speaker units built-in
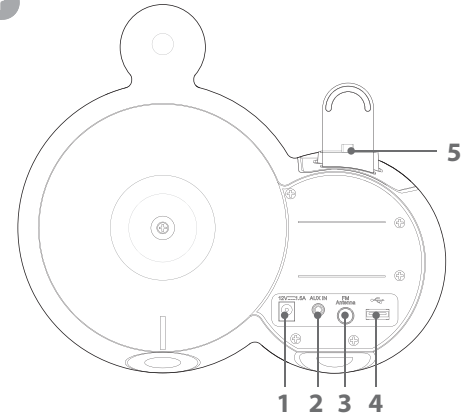
No.	Name	Description
1	DC IN terminal	Connects the power cable
2	3.5 mm mini cable terminal	Connects the AUX cable
3	FM antenna	Connects the FM radio antenna
4	USB port	Connects the USB flash drive
5	Stand	Holds up the smartphone

Overview
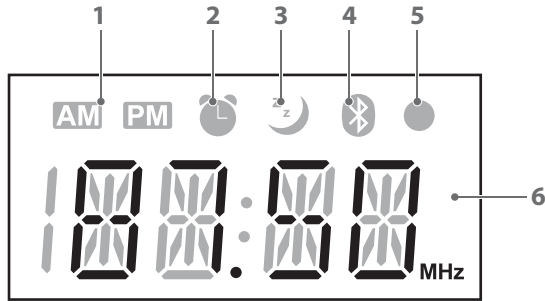
No.	Name	Description
1	AM/PM	Indicates AM or PM
2	Alarm	Indicates the alarm status (on/off)
3	Sleep mode	Indicates the sleep mode (on/off)
4	Bluetooth	Displays paired status through Bluetooth Light blinks when not paired with the application through Bluetooth Light is on when paired with the application through Bluetooth
5	STANDBY (Power save)	Indicates the standby status (Power save)
6	System information	Displays the relevant information

Overview

Application
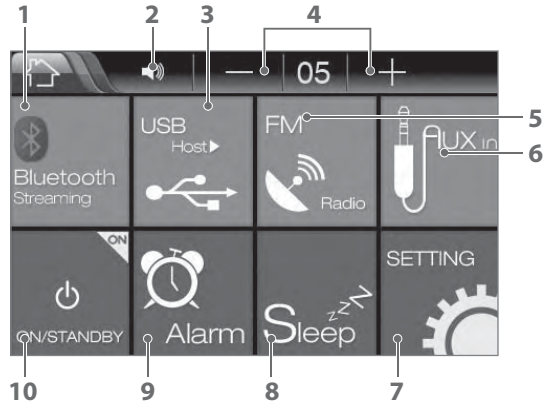
Main screen (Landscape)

Main screen (Portrait)

No.	Name	Description
1	Bluetooth Streaming	Plays files saved in the Android™ smartphone through Bluetooth
2	Mute	Mutes the sound
3	USB Host	Plays files saved in the USB flash drive
4	Volume	Decreases or increases the volume
5	FM	Turns on FM radio
6	AUX in	Plays files saved in the portable music player

No.	Name	Description
7	SETTING	Synchronizes Clock, adjusts Alarm, sets Auto Power Down and checks Information
8	Sleep	Sets time for the sleep mode in minutes (120/90/60/45/30/15/Off)
9	Alarm	Turns on/off the alarm
10	ON/STANDBY	Sets the main unit to the standby mode (Clock mode)

Overview

Remote control
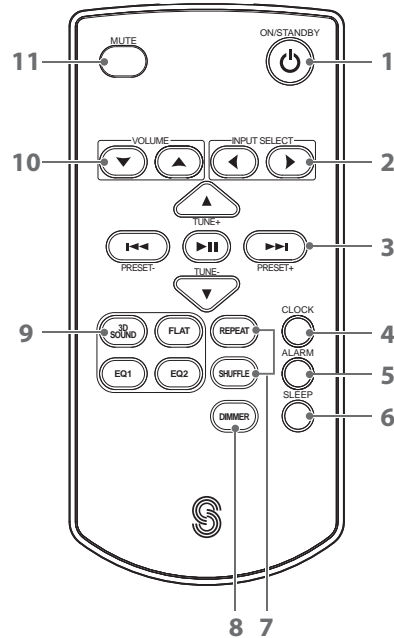
No.	Name	Description
1	ON/STANDBY	Turns on/off the main unit
2	INPUT SELECT	Selects input device
3	TUNE	Searches for FM radio channels
	PRESET	Goes to the preset FM radio channel (FM radio); fast-forwards or rewinds the current file (USB, Bluetooth)
4	CLOCK	Shows the current time
5	ALARM	Turns on/off the alarm
6	SLEEP	Adjusts sleep time (120/90/60/45/30/15/Off)
7	REPEAT, SHUFFLE	Repeats or shuffles music files
8	DIMMER	Adjusts brightness of the LED display in three steps
9	3D SOUND, FLAT, EQ1, EQ2	Turns on/off preset sound effect
10	VOLUME	Increases or decreases the volume
11	MUTE	Mutes the sound

Operation

Turning on power

1	Connect one end of the power adapter to DC 12V on the rear side of the main unit.
2	Connect the power plug to the AC wall socket.
3	Press ⏻ on the system to turn on the main unit. Or press ⏻ on the remote control to turn on power.

≡ Note

Do not use any AC adapter other than the one included with this unit.

Installing the antenna

1	Connect the radio antenna into FM antenna terminal.
2	Connect the other end of the radio antenna to outdoor FM radio antenna.
3	Place the radio antenna where FM signal is strong.

Installing the application

1	Visit Play Store™ on your Android™ Smartphone.
2	Search for DS-N10.
3	Download and install the application on your Android™ smartphone.

Pairing the application and the main unit through Bluetooth

|	
1	Go to Wireless & networks settings in your Android™ smartphone.
2	Go to Bluetooth settings.
3	Search for and select DS-N10.
4	Enter 0000 for PIN.
5	Run the application.

≡ Note

The application might not work in some Android™ smartphones depending on specifications, e.g. Android™ OS version.

Using the system

Charging devices

Smartphone

1 Connect your smartphone into the docking connector. It is recommended that you use the Android™ smartphone that has a micro USB port. Make sure that the micro USB port faces downwards. Otherwise, your Android™ smartphone may not be charged. Some devices might not be charged.
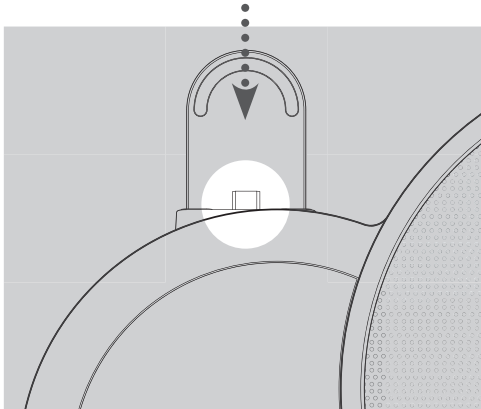
Note
Protective case for the smartphone may keep the battery from being charged.

Using the system

Preparing music files

Smartphone

| 1 | Pair your smartphone with the main unit via Bluetooth. |
| 2 | Turn on the application and tap **Bluetooth Streaming** to play preferred music files. |

Portable music player

| 1 | Plug one end of the 3.5 mm stereo cable into AUX IN port of the main unit. |
| 2 | Connect the other end of the cable to the external sound system. |

USB flash drive

| 1 | Insert the USB flash drive to the USB port. |
| 2 | Turn on the application and tap **USB Host** to play preferred music files. |

≡ Note

- Supported file formats include MP3 and WMA.
- After playing music from the USB flash drive, remove the USB flash drive in the stop mode or the standby mode.

Using the system

Main menu

1	Run the application on your Android™ smartphone.
2	Tap **ON/STANDBY** in the main screen.
3	Tap **Bluetooth Streaming**, **USB Host**, **AUX in**, or **FM**.

1	Press ⏻ to turn on the main unit.
2	Press ◁ or ▷ under INPUT SELECT and select Bluetooth Streaming, USB, FM or Aux In.
3	Press ▶‖ to play or pause the current song.
4	Press ⏮ or ⏭ to move to the previous or next song.

Using the system

Listening to music - Smartphone, USB

Music Player for Bluetooth Streaming and USB Host

1	Run the application on your Android™ smartphone.
2	Tap **Bluetooth Streaming**, or **USB Host**. • To select a song in the list, tap and tap a song. • Tap or to listen to the previous or next song. • Tap on the screen to pause the playing song. Tap on the screen again to resume the song.

Remote control

|	
1	Press to turn on the main unit.
2	Press or under INPUT SELECT and select Bluetooth Streaming or USB.
3	Press to play or pause the current song.
4	Press or to move to the previous or next song.
5	Press or to adjust the volume.

Main unit

1	Press to turn on the main unit.
2	Press the FUNC button to change sound source and set to Bluetooth Streaming or USB. Music will play as you change sound source.
3	Press + or - to adjust the volume.
4	Press the FUNC button for three seconds and press - or + to move to the previous or next song. After a few seconds, you can adjust the volume by pressing + or -.

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Using the system

Listening to music - Aux In
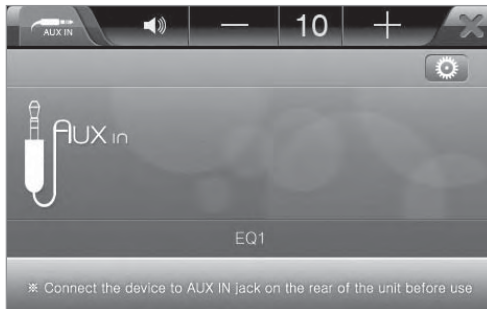
Note

Connect the device to Aux In jack on the rear side of the unit before use.

1	Run the application on your Android™ smartphone.
2	Tap **AUX In**.
3	Tap ⚙ and adjust sound effects for your preference.

Remote control

1	Press ⏻ to turn on the main unit.
2	Press ◁ or ▷ under INPUT SELECT and select AUX in.
3	Press the 3D SOUND, FLAT, EQ1, or EQ2 button for your preference.
4	Press ▽ or △ to adjust the volume.

Main unit

1	Press ⏻ to turn on the main unit.
2	Press the FUNC button to change sound source and set to AUX in. Music will play as you change sound source.
3	Press + or - to adjust the volume.

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Using the system

Listening to music - FM radio

1	Run the application on your Android™ smartphone.
2	Tap **FM** in the main screen.
3	Tap or to tune to your favored radio frequency. Or drag or to search for channels. When a channel is found, the frequency stops changing.
4	Drag the frequency to the bar on the bottom of the screen to assign the frequency to your preferred channel. You can assign up to 18 channels. Tap **FM1** and select another to tune to the preset channel.
5	Tap **ST** to change sound system. Select ST for stereo or MONO for mono.

Remote control

1	Press to turn on the main unit.
2	Press or under INPUT SELECT and select FM.
3	Press or to move to the previous or next preset channel.
4	Press or to select the channel manually.
5	Press or to adjust the volume.

Main unit

1	Press to turn on the main unit.
2	Press the FUNC button to change sound source and set to FM.
3	Press the FUNC button for three seconds and press - or + to move to the previous or next preset channel. After a few seconds, you can adjust the volume by pressing + or -.

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Using the system

Setting sound effects

Sound effects in Bluetooth Streaming, USB and AUX in

1   Turn on your Android™ smartphone and run the application.

2   Tap   on the top right side of the screen while you listen to music through Bluetooth Streaming, USB host, or AUX in.

3   Tap the sound setting for your preference.

- Tap **USER EQ** and adjust sound settings for EQ1 and EQ2. To adjust **EQ1** or **EQ2** setting, tap **EQ1** or **EQ2**, adjust setting and tap **SAVE**. To reset current settings, tap **RESET**.

- Tap **EQ1** or **EQ2** to listen to music in the preset sound settings that you adjust in USER EQ.

- Tap **3D SOUND** to listen to music in 3D sound.

- Tap **FLAT** to listen to music with no change to the current sound setting.

- Tap **Play** to change the playing option. It is not available if music is being played from a portable music player.

Remote control

1   Press ⏻ to turn on the main unit.

2   Press the 3D SOUND, FLAT, EQ1, or EQ2 button for your preference.

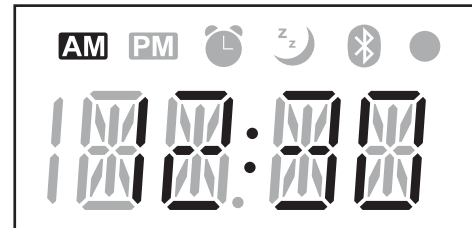**3**   Press the repeat or shuffle button for your preference.

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Setting

Clock

1 Turn on your Android™ smartphone and run the application.

2 Tap **SETTING** in the main screen and tap **Clock**. Time in sync with your Android™ smartphone is displayed. Time is set to the same with that of the main unit.
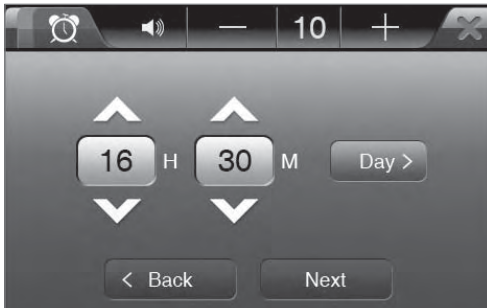
1 Press ⏻ to turn on the main unit.

**2** Press the CLOCK button of the remote control. Time of the main unit is displayed for a few seconds.

Setting

Alarm

1   Turn on your Android™ smartphone and run the application.

2   Tap **SETTING** in the main screen and tap **Alarm**.

3   Tap [image] or [image] to adjust time for alarm and tap [Day >] to assign a weekday or tap **Once**.

4   Tap [image] and tap **Next**.

Setting

5   Select the sound source for alarm and tap **Next**.
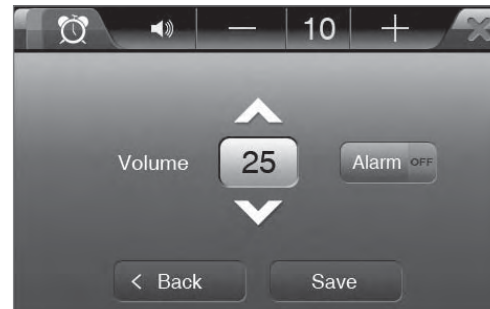
6   Adjust the volume for alarm, tap **ON** or **OFF** next to Alarm button, and tap **Save**. The alarm of the main unit will work as you set.

Note

Alarm works only when you set the main unit to the standby mode (Clock Mode).

Setting

Auto Power Down (A.P.D)

Application

1   Tap **SETTING** in the main screen and tap **A.P.D**.

2   Tap ⌃ or ⌄ to select one of the following options for the Auto Power Down.

- Off: The Auto Power Down function will not work.
- Clock Mode: When there is no input into the main unit for two hours, the main unit turns to the clock mode. Pairing with the application through Bluetooth is maintained.
- Power Save Mode: When there is no input into the main unit for two hours, the main unit turns to the Power Save mode.

Info

Application

1   Tap **SETTING** in the main screen and tap **Info**. Model name and the application version are displayed on the screen.

Sleep mode

Application

1   Tap **Sleep** in the main screen. Sleep time changes from 15 minutes to 120 minutes.

Remote Control

1   Press the SLEEP button of the remote control. When you press the button, time changes from 15 to 120.

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Troubleshooting Guide

If a fault occurs, run through the table below before taking your unit for repair. If the fault persists, attempt to solve it by switching the unit off and on again. If this fails to resolve the situation, consult your dealer. Under no circumstances should you attempt to repair the receiver yourself. This could void the warranty.

Symptom	Possible cause	Remedy
No power	The power adapter is disconnected.	Connect cord securely.
	Poor connection at AC wall socket is dead or off.	Check the outlet using a lamp or another appliance.
No sound	The master volume is adjusted too low.	Adjust the master volume.
	The MUTE button is press to "ON."	Press the MUTE button to cancel the muting effect.
	Incorrect selection of input source.	Select the desired input source correctly.
	Incorrect connections between the components.	Make connections correctly.
Poor FM reception	No antenna is connected.	Connect an antenna.
	The antenna is not positioned for the best reception.	Change the position of the antenna.
Remote control does not operate.	Batteries are not inserted or exhausted.	Replace the batteries.
	The remote sensor is obstructed.	Remove the obstacle.
Cannot operate with the application and no sound via Bluetooth connection.	Pairing failed between your smartphone and DS-N10A.	Check the pairing status in your smartphone's setting menu.

Specifications

AMPLIFIER SECTION

- Rated output: 10 W + 10 W (1 kHz, 6Ω, THD 10%)
- Signal-to-Noise ratio: >78dB (IHF-A weighted, 20kHz LPF)
- Input sensitivity
  AUX: 280mV

SPEAKER SECTION

- Enclosure: Bass Reflex Type
- Speakers: 80 mm cone type
- Impedance: 6Ω
- Maximum input: 20 W

FM TUNER SECTION

Receiving range: 87.5MHz - 108.0 MHz
S/N (Mono/Stereo): >75 dB / >70 dB

Bluetooth

Model name: BTM0605C4NA
Bluetooth system: v2.0 + EDR Compliant
Class 2 support
Out power: -6-5 dBm
Frequency Range: 2402-2480 MHz

GENERAL

- Power supply: AC100-240V, 50/60 Hz (DC 12V)
- Power consumption: AC 20 W (DC 15 W)
- Standby power consumption: 1 W or less
- Max Dimensions (WxHxD): 320 x 212.2 x 95.5 mm
- Weight: 1.95 kg (Net)

Note

- Design and specifications are subject to change without notice for improvements.

Legal notice

Play Store is a trademark of Google Inc.
Android™ is a trademark of Google Inc.
The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Sherwood is under license. Other trademarks and trade names are those of their respective owners.
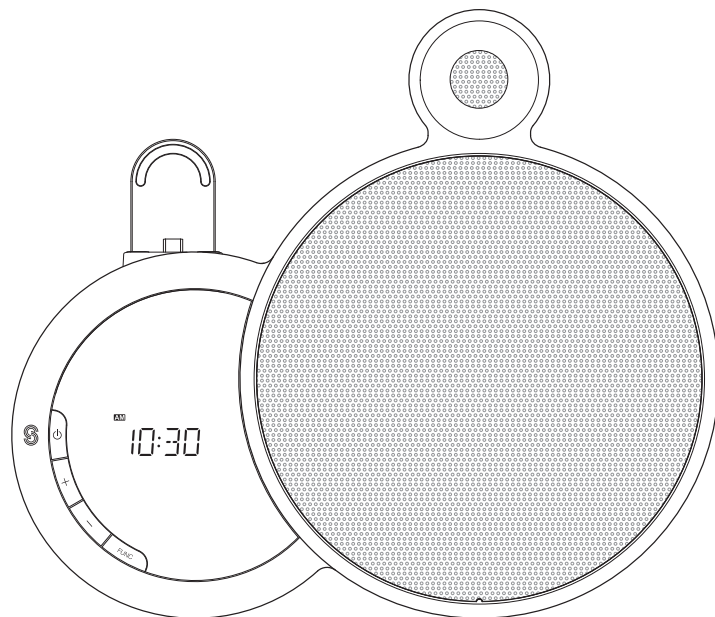
DS-N10A

WIRELESS STREAMING DOCKING SYSTEM

Sherwood

Sherwood

DS-N10A

SYSTÈME DE STATION D'ACCUEIL À DIFFUSION SANS FIL

GUIDE DE L'UTILISATEUR

- Diffusion de musique sans fil par liaison Bluetooth
- Application audio intelligente Sherwood gratuite
- Conception élégante et recherchée
- Stations d'accueil pour téléphone Android™
- Puissance de sortie de 6 W x 2 voies
- Son stéréo net comme du cristal

L'image imprimée peut être différente de l'appareil réel.

Table des matières

Mesures de sécurité

Information de sécurité

- Conservez ces instructions.
- Nettoyez uniquement avec un chiffon sec.
- Ne pas installer près de sources de chaleur comme des radiateurs, des volets de chaleur, un poêle ou tout autre appareil (y compris des amplificateurs) qui produit de la chaleur.
- Débrancher l'appareil lors des orages ou lors d'une inutilisation prolongée.
- Confiez toute réparation à un personnel de réparation qualifié. Une réparation est nécessaire quand l'unité a été endommagée de n'importe quelle manière, comme lorsque le cordon d'alimentation est en mauvais état, un liquide a été renversé ou des objets sont tombés à l'intérieur de l'unité, lorsque l'unité a été exposée à la pluie ou à de l'humidité, lorsqu'elle ne fonctionne pas normalement ou lorsqu'elle est tombée.

Réglementation FCC

Cet équipement a été testé et est conforme avec les limites des appareils numériques de classe B, en vertu de l'article 15 de la réglementation FCC. Ces limites sont définies pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et émet de l'énergie de fréquences radio et peut, en cas d'installation ou d'utilisation non conforme aux instructions, engendrer des interférences nuisibles aux communications radio. Rien ne permet de garantir que ces interférences se produiront à un moment quelconque. Si cet équipement cause des interférences nuisibles à la réception radio ou télévisée, ce qui peut être déterminé en éteignant et rallumant l'équipement, l'utilisateur est encouragé à éliminer les interférences au moyen de l'une ou de plusieurs des mesures suivantes :

- Réorienter ou déplacer l'antenne de réception.
- Accroître la distance entre l'équipement et le récepteur.
- Brancher l'équipement sur la prise secteur d'un circuit différent de celui auquel le récepteur est relié.
- Consulter le revendeur ou un technicien radio/télévision qualifié pour toute assistance.

Attention : Tout changement ou modification dans la conception de cet appareil non expressément approuvés par le responsable d'application de la conformité peuvent annuler vos droits d'utiliser cet équipement.

Cet appareil numérique de classe B est conforme à la norme ICES-003 du Canada. (Cet appareil numérique de Classe B est conforme à la norme NMB-003 du Canada.)

Cet appareil est conforme à l'article 15 de la réglementation FCC. Le fonctionnement est soumis aux deux conditions suivantes :

(1) Cet appareil ne doit pas causer des interférences nuisibles, et

(2) Cet appareil doit accepter toute autre interférence reçue, y compris les interférences susceptibles d'entraîner un fonctionnement non désiré.

Déclaration IC d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux radiations RSS-102 de l'IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimum de 20 cm entre le radiateur et votre corps.

Déclaration FCC sur l'exposition aux radiations

Cet équipement est conforme avec les limites d'exposition aux radiations prévues par la réglementation FCC pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimum de 20 cm entre le radiateur et votre corps.

Mesures de sécurité

Cet émetteur ne doit pas être situé à proximité ou fonctionner avec une autre antenne ou émetteur.

Nom du produit : SYSTÈME DE STATION D'ACCUEIL À DIFFUSION SANS FIL

Numéro de modèle : DS-N10A

Nom de la partie responsable : Inkel Corporation

Adresse : 3-8, Cheongcheon-Dong, Bupyeong-Gu, Incheon, Corée, 403-853

Téléphone : 82-32-650-6000

Adresse web : http://www.inkel.co.kr

ATTENTION

• Il ne faut pas entraver le système de ventilation : ne recouvrez pas les ouvertures d'aération d'articles tels que des journaux, une nappe, des rideaux, etc.

• Ne placez jamais une source de flamme vive, telle qu'une bougie allumée, sur l'appareil.

• Protégez l'appareil des gouttes ou éclaboussures lorsqu'il est en marche.

• Ne posez pas d'objets remplis de liquides, tels qu'un vase, sur l'appareil.

AVERTISSEMENT : POUR RÉDUIRE LE RISQUE D'INCENDIE OU DE DÉCHARGE ÉLECTRIQUE, NE PAS EXPOSER CET APPAREIL À LA PLUIE OU À DE L'HUMIDITÉ.

Remarques concernant le câble d'alimentation et la prise murale

• L'unité n'est pas déconnectée de la source d'alimentation AC (secteur) tant qu'elle est connectée par la prise murale, même si l'unité est éteinte.

• Pour mettre l'appareil complètement hors tension, débranchez la fiche de la prise murale.

• Lors de la mise en place de l'appareil, veillez à ce que la prise secteur soit facilement accessible.

• Débranchez la fiche de la prise murale si vous n'avez pas l'intention d'utiliser l'appareil pendant longtemps.

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Caractéristiques
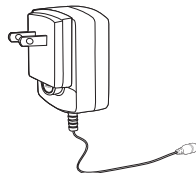
Vous bénéficiez des caractéristiques suivantes :

- Diffusion de musique sans fil par liaison Bluetooth
- Application audio intelligente Sherwood gratuite
- Conception élégante et recherchée
- Stations d'accueil pour téléphone Android™
- Puissance de sortie de 6 W x 2 voies
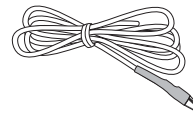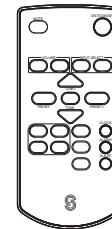- Son stéréo net comme du cristal

Composants

Unité principale
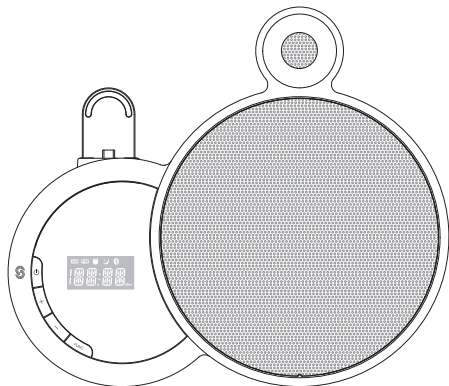
Adaptateur   Antenne radio FM   Télécommande

▤ **Remarque**
La forme de l'adaptateur peut varier en fonction de la localité où vous vivez.

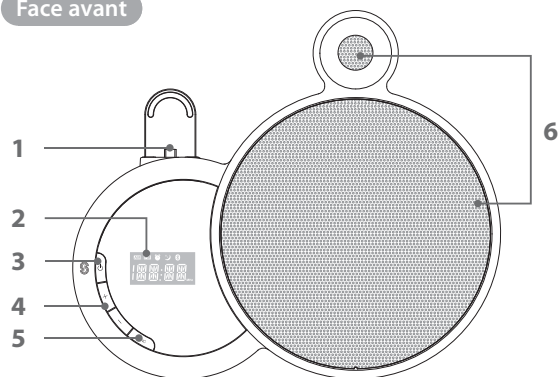Guide de l'utilisateur   Garantie

User Guide   Warranty

▤ **Remarque**
- Le contenu du guide de l'utilisateur est susceptible de changer sans préavis.
- La garantie peut s'appliquer en fonction de la localité où vous vivez.

Présentation

Unité principale

Face avant

Face arrière

No.	Nom	Description
1	Connecteur de la station d'accueil	Connecte le téléphone intelligent Android™ ; charge la batterie du téléphone intelligent arrimé
2	Afficheur à diodes lumineuses	Affiche les informations système
3	Bouton ON/ MISE EN VEILLE (STANDBY)	Allume l'unité principale si appuyé brièvement, affiche l'heure si appuyé brièvement quand l'unité principale est allumée
4	Bouton de volume	Augmente ou diminue le volume
5	Bouton FONCTION (FUNC)	Change de fonction : Diffusion par Bluetooth, USB, FM, Entrée Auxiliaire (AUX IN)
6	Enceinte	Unités d'enceinte stéréo intégrée
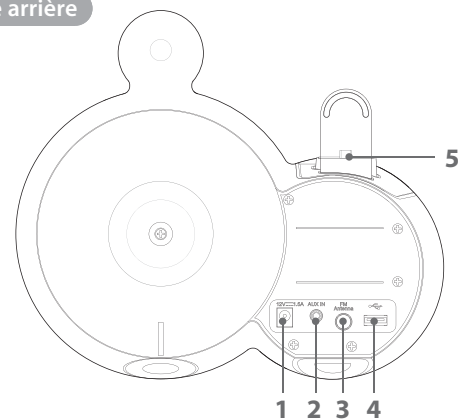
No.	Nom	Description
1	Prise d'entrée d'alimentation (DC IN)	Pour brancher le câble d'alimentation
2	Mini-prise de câble de 3,5 mm	Pour brancher le câble AUX
3	Antenne FM	Pour brancher l'antenne radio FM
4	Port USB	Pour brancher un lecteur de mémoire flash USB
5	Support	Retient le téléphone intelligent