

# clueworks 5 User's Guide

cwo-100



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# Before Using the Service

## 1. Safety Precautions



- 1.** Do not install near a device that is exposed to direct sunlight or generates heat such as an electric heater. It may cause electric shock, fire, malfunction and deformation.



- 2.** In case of failure, do not disassemble. When disassembling the unit, it may not be repaired.



- 3.** Chopsticks, wires, spikes, etc., such as metal, paper, matches, such as flammable substances inside the product And the rear terminal (microphone, audio output).



- 4.** If there is a strange sound, burning smell or smoke in the product, immediately unplug the power cord and turn on the A/S Please apply.



- 5.** There is a risk of fire due to overheating when connecting many electronic products to the multi-outlet.



- 6.** Clean place without dust, no humidity, no shock or vibration, fixed and stable Please install in place.



- 7.** Do not touch the power plug with wet hands. There is a danger of electric shock.



- 8.** Do not throw or kick your product, do not give a direct impact Behavior is the biggest cause of damage.



- 9.** Do not spray water or use chemicals to clean the product.

# Before Using the Service

## 2. Contents of the product

Please check the following components.



1 clueworks 5



2 Remote control / receiver



3 manual

4 adapter



5 HDMI Cable



6 Y type Cable



7 AAA battery

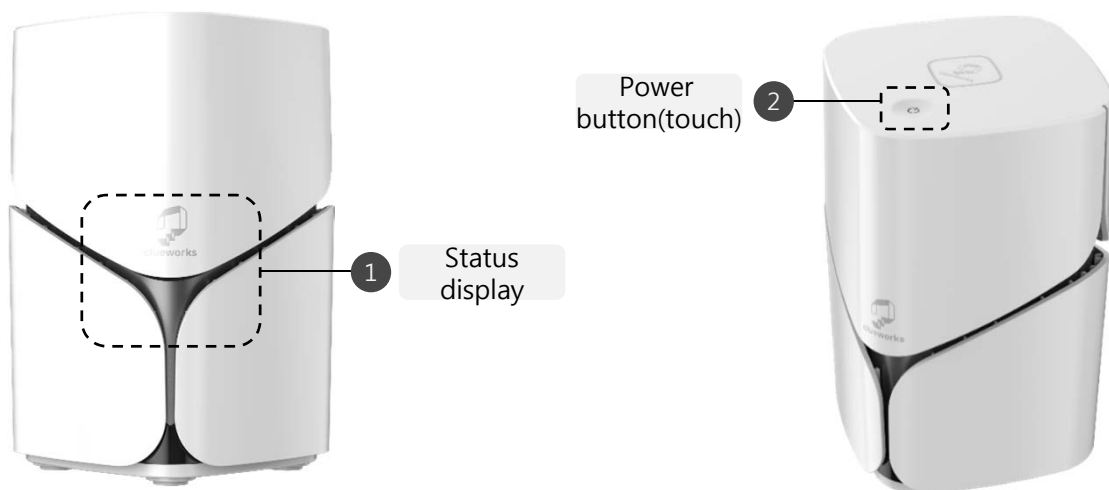


- \* Components may vary by manufacturer.
- \* Product components may differ in appearance and color depending on model
- \* You can purchase a microphone separately for Clueworks 5 singing service.

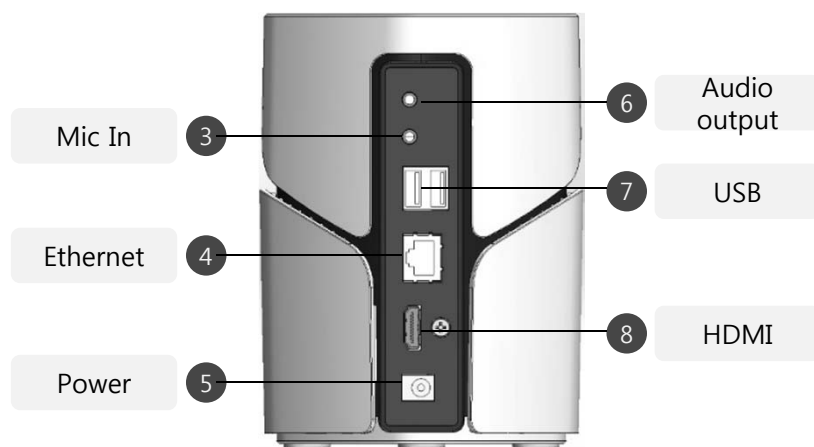
# Before Using the Service

## 3. Clueworks 5 Smart Box Name and Overview

### 3.1 Front



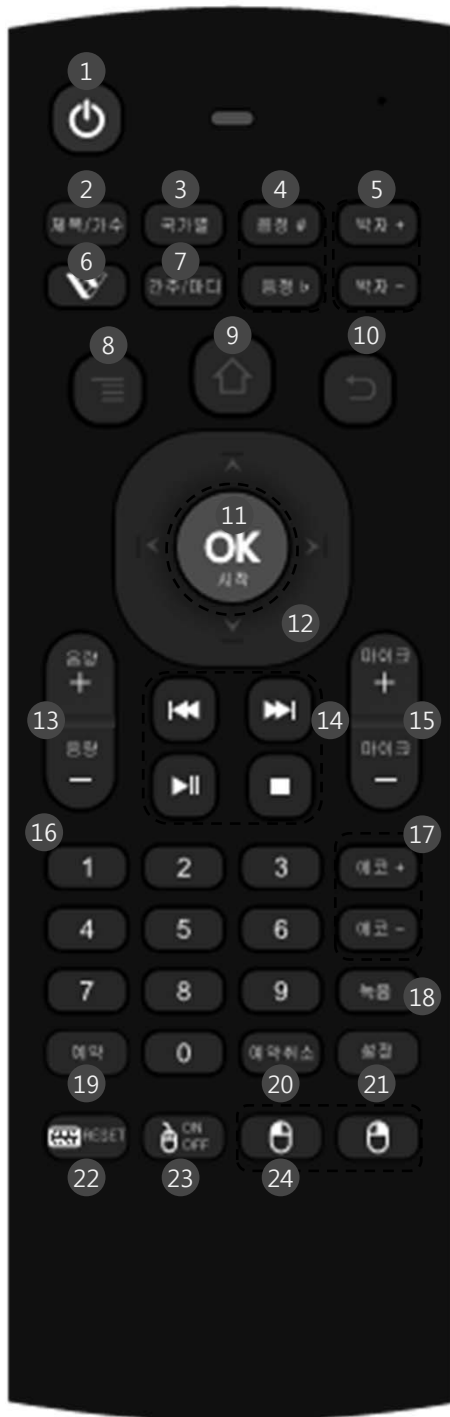
### 3.2 rear



# Before Using the Service

## 4. Using the remote control

### 4.1 Front



- 1 Power: Power ON / OFF
- 2 Title/Singer: to search for songs classified by title and singer
- 3 Country: The ability to search for songs sorted by country
- 4 Pitch #, b: Change pitch height
- 5 Beat +, -: Adjust the tempo of the music
- 6 W: winvention main screen
- 7 Consideration / Nodes: Jump to the beginning of the next measure beyond the note and measure (measure) of the song being played
- 8 Menu: Go to menu of each service
- 9 Home: Go to home screen
- 10 Cancel/Back: Move to previous step
- 11 OK(Start): Go to menu of desired function and select, start button
- 12 Move: Use to move the menu up / down / left / right
- 13 Volume +, -: Volume Up, Down menu
- 14 Multimedia function: Fast forward, Fast forward, Play / Pause, Stop when playing movie
- 15 Microphone +, -: Adjusts the microphone volume of the user (when the communication amplifier is connected)
- 16 Number: Enter number button
- 17 Echo +, -: Adjusts the volume of the echo
- 18 Recording: The ability to record and listen to songs you sing
- 19 Reservation: Reserving songs to play
- 20 Cancel Reservation: Cancel a scheduled song
- 21 Settings: Settings button
- 22 Keyboard reset: reconnect for rear QWERTY keyboard use? (Use when connection is unstable)
- 23 Mouse ON / OFF: Mouse ON / OFF when connecting receiver
- 24 Mouse left / right click: Mouse left / right click when connecting receiver

# Before Using the Service

## 4. Using the remote control

### 4.2 Rear





1 QWERTY keyboard: Keyboard function

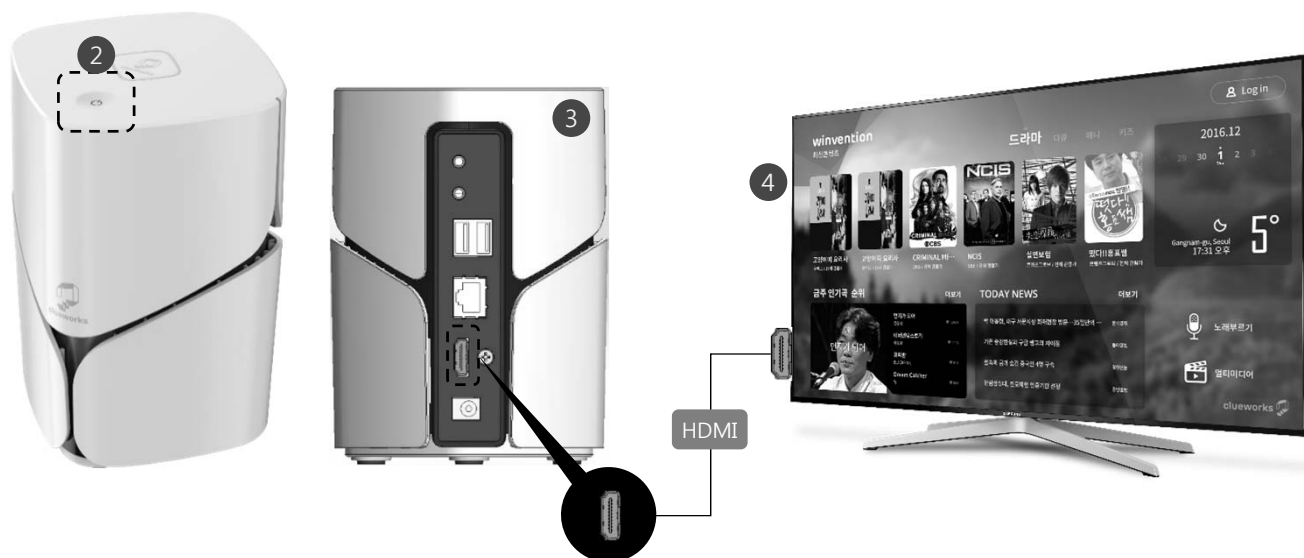
\* If the connection is unstable or the input is not good, Click the Reset button to reconnect. 22

# Before Using the Service

## 5. Power on

Please turn on the power as follows.

- 1 Press  button on the remote control to turn on the clueworks 5 smart box.
- 2 You can also turn on the power by clicking directly on the Clueworks5 smartbox power.
- 3 Connect the smart box and the TV  with an HDMI cable.
- 4
- 5 Set the TV's external input setting to HDMI using the [EXTERNAL INPUT] button on the home TV remote control.



- \* When the Clueworks 5 Smartbox does not work
- Make sure that both the TV and the smart box are turned on.
  - Make sure the remote control has enough batteries.
  - Unplug the smart box and plug it back in.
  - Verify that the status LED on the front of the SmartBox is blinking.



## 6. Home screen

You can use the menu home screen for winvention, singing, multimedia and other services.



### 1. Winvention Service

You can play winvention Contents on your home TV. Drama, Documentary, Animation, Kids category.

\*Categories may be updated from time to time in accordance with our service policies.

### 2. Singing contents

You can see favorite 4 songs from the song service features. Click to go to the accompaniment page of the song.

### 3. News feed

You can see simple news information. You can see the detailed news when you click.

### 4. Login

Sign in with a single account with an integrated ID that can take advantage of all the services of the Titan platform, including winvention and singing.

### 5. Date / Weather

On the Home screen, you can check the date and weather information.

### 6. Singing Service


You can use the home Karaoke function. You can sing, listen, search.

### 7. Multimedia Service

You can play your personal multimedia contents. You can play the contents of connected device such as USB.

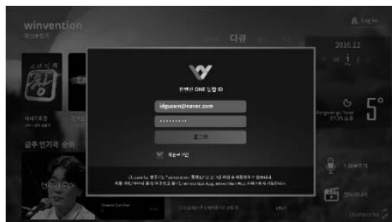
\* The GUI (screen contents) can be changed according to model-specific manufacturing specifications.

## 7. winvention

 When you click on the remote control menu, the winvention service is accessed. You can use drama, documentary, animation, and kids services. When selecting **2** Section, go to the main page of each category, and when you select **3** individual contents, go to the detail page.



### >Login

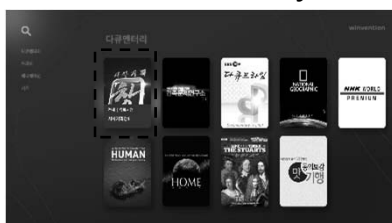


#### 7-1. Login

- Winvention Contents can be used after login with integrated ID.
- Enter the integrated ID and password, and then click the Login button.
- If you log in normally, **1** [nickname] will be displayed and all services on the home screen will be available.

\* Each service can be used for free / charge according to our service.

### >Drama / Documentary / Anni / Kids



#### 7-2. Screen when selecting Drama / Documentary / Anni / Kids

- **2** Drama / Documentary / Animation / Kids category screen. It is possible to move by category freely, select individual contents, check detailed page and play it.



#### 7-3. Detail screen

- 7-2. 에서 개별 콘텐츠 선택 시 노출되는 상세 화면입니다. 연관 콘텐츠 5개도 볼 수 있습니다.
- It is played when **PLAY** is clicked.

\* The GUI (screen contents) can be changed according to model-specific manufacturing specifications.

## 7. winvention



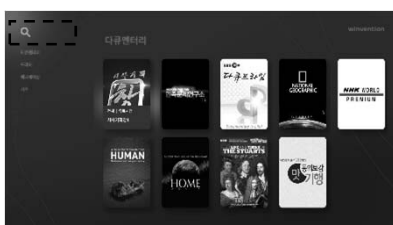
### 7-4. Play screen

- This is a playback screen.
- You can use other services by remote control.

\* How to Move Remote Control Service



### > 검색

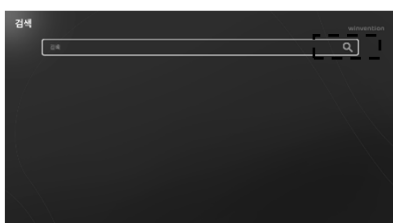


### 7-5. Select search

- Use [Direction] on the remote control to select 

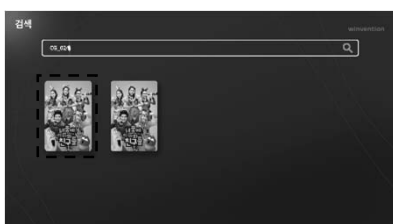


\* Remote control direction key



### 7-6. Search screen

- Enter the title of the content you are looking for.
- Press the [OK] key on the remote control or the [ENTER] key on the back of the remote control to search.




### 7-7. Search Results

- The list screen is searched.
- You can check the detailed screen by selecting the desired content using [Direction Key].



### 7-8. Check results

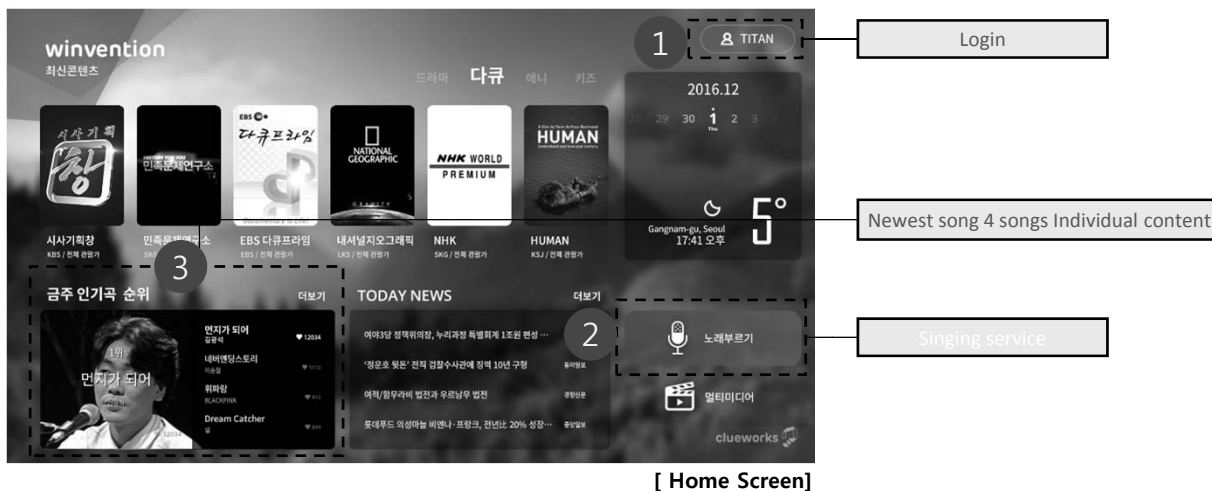
- It is a detail screen when selecting the retrieved contents.
- It plays when  button is clicked.

\* The GUI (screen contents) can be changed according to model-specific manufacturing specifications.

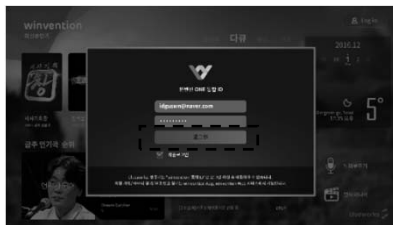
## 8. Singing



It is access to the song service when the menu is clicked. Singing, listening and searching services are available. You can also move from the home screen below. Go to main menu when selecting menu number 2, and go to individual content viewer page when menu number 3 is selected.



### >Login

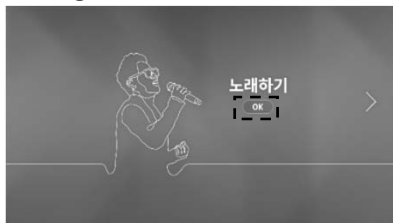


#### 8-1. Login

- Singing Contents can be used after login with integrated ID.
- Enter the integrated ID and password and click the Login button.
- When you log in normally, ① [nickname] is exposed and all the services on the home screen are available.

\* Each service can be charged / free of charge according to our service.

### >Song menu



#### 8-2. Song menu

- The song menu screen.
- You can select song and listen menu with remote control direction key.
- **OK** click to go to the song list screen.



#### 8-3. Singing Main / New Song List

- Singing is the main screen.
- [Direction Key] allows you to select the desired content and sing.



\* Remote control direction key

\* The GUI (screen contents) can be changed according to model-specific manufacturing specifications.

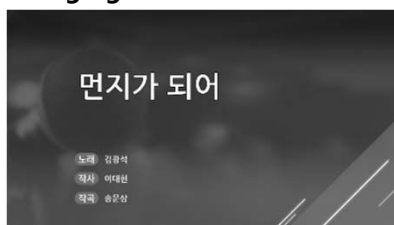
## 8. Singing



### 8-4. Singing Main / TOP 10 List

- It is TOP 10 screen to sing.
- [Direction Key] allows you to select the desired content and sing.

### >Singing



### 8-5. Singing

- Singing screen
- Song title, singer, lyricist, composer will be exposed and then begin to sing.



### 8-6. Lyrics Exposure

- Sing along the exposed lyrics.
- You can use other services by remote control.

#### \* Move remote control



### >Listening



### 8-7. Listening menu

- Listening menu screen.
- You can select song and listen menu with remote control direction key.
- **OK** Listen to click.



### 8-8. Listening List

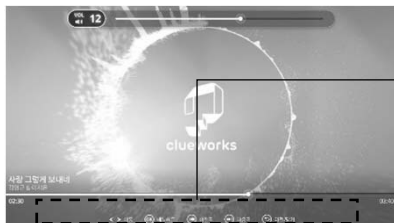
- Listening List.
- [Direction Key] allows you to select and view the desired content.



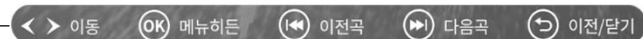
#### \* Remote control direction key

\* The GUI (screen contents) can be changed according to model-specific manufacturing specifications.

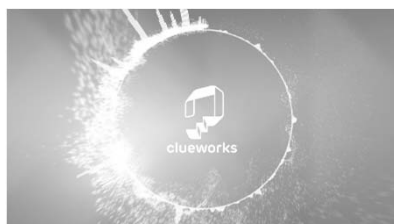
## 8. Singing



### 8-9. Listening Playback Screen / Controller



- Move: Moves 10 seconds forward, 10 seconds backward
- Menu Hidden: Controller Hidden, Exposed Button
- Previous song: Play previous file
- Next song: Play next file
- Previous / Close: Go to previous page



### 8-10. Controller Hidden Screen

- OK 메뉴히든 Click the button to view the screen after removing the controller. When you click again, the controller is exposed again.

## >Search



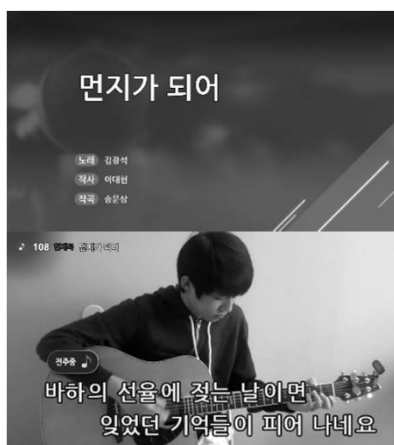
### 8-11. Search Screen

- It is search screen which is exposed when **검색/가수** or **국가별** on the remote control is clicked in the song menu.
- When **검색/가수** is clicked, search discriminator is changed by title and artist.
- When **국가별** is clicked, search discrimination is changed to Korea, Japan, and USA.
- When you input a keyword using the QWERTY keyboard on the back of the remote control, the result according to the keyword will be displayed immediately.



### 8-12. Search Result

- Search result list screen.
- [Direction Key] allows you to select the desired content and sing.



### 8-13. Check results

- When you select the searched content, it is a song screen.

\* The GUI (screen contents) can be changed according to model-specific manufacturing specifications.

## 9. User Multimedia

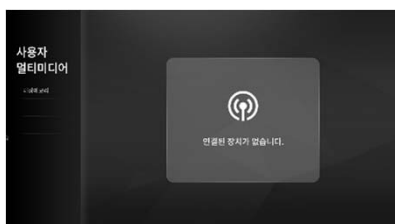


You can play your personal multimedia contents. You can play the contents of connected device such as USB Memory.  
This menu is available without login.



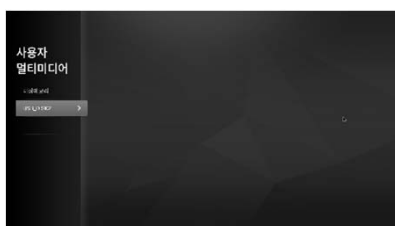
[ Home Screen ]

### >User Multimedia Main



#### 9-1. Select internal memory or USB Memory

- It is a menu that can be used without login procedure from Home menu.
- The music, video, and images that the user has with the external storage device are played back by the universal player.



#### 9-2. USB Memory Selected Screen

- Screen for USB memory connection to clueworks5.

### >Integrated management



#### 9-3. Integrated management list screen

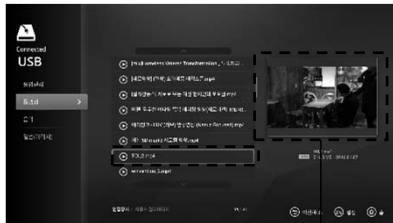
- You can view the contents of the connected device at once, such as integrated management, video, music, album (image).
- If you select the desired content using [Direction Key], it will be played by the player suitable for the contents.

\* The GUI (screen contents) can be changed according to model-specific manufacturing specifications.

## 9. User Multimedia



### > 동영상



#### 9-4. USB contents Movie list screen

- When moving to [Direction Key], you can check the content by [Thumbnail Preview].
- If you select the desired content using [Direction Key], it will be played as a player suitable for the corresponding contents.

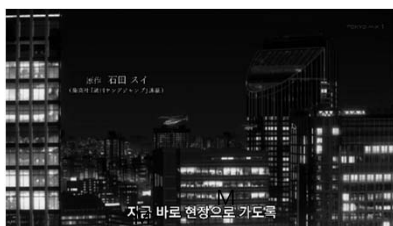
Thumbnail preview



#### 9-5. Video playback screen / controller



- Play / Pause: Movie Play / Stop button
- Stop: Stops at the start of the video
- Previous file: Play previous file
- Next file: Play next file
- Previous / Cancel: Go to previous page
- Settings: Video settings pop-up impressions
- Home: Go to Home
- Menu Hidden: Controller Hidden, Exposed Button



#### 9-6. Controller Hidden Screen

- [메뉴히든] Click the button to view the screen after removing the controller. When you click again, the controller is exposed again.

### > Music



#### 9-7. USB contents Music list screen

- When moving to [Direction Key], you can check the content by [Thumbnail Preview].
- If you select the desired content using [Direction Key], it will be played as a player suitable for the corresponding contents.

Thumbnail preview



#### 9-8. Music playback screen / controller



- Play / Stop: Change the music play / stop button, stop button on playback, play button on stop
- Stop: Stop at the start of music
- Previous file: Play previous file
- Next file: Play next file
- Previous / Cancel: Go to previous page
- Settings: Music Settings Popup Exposure
- Home: Go to Home

\* The GUI (screen contents) can be changed according to model-specific manufacturing specifications.



## 9. User Multimedia



### 9-9. Music settings popup

- You can select the current song repeat mode, all song repeat mode, or random playback mode.

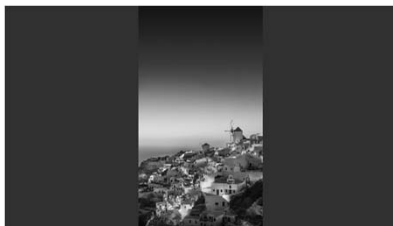
### >Album (image)



### 9-10. USB contents Album (image) list

- When moving to [Direction Key], you can check the content by [Thumbnail Preview].
- If you select the desired content using [Direction Key], it will be played as a player suitable for the corresponding contents.

Thumbnail preview



### 9-11. Album (image) playback screen

- Album (image) playback screen.
- You can use other services by remote control.

#### \* 리모컨 서비스 이동 법



winvention Main



Home



Back

## 10. Solve the problems

### FAQ

**Q. If HDMI cable is lost or damaged due to customer's reason**

A. If you lose or damage the product during use, you must purchase it yourself.

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**Q. If the screen does not appear**

A. Check if the Smart Box power plug is disconnected, and check if the HDMI cable is disconnected.

A. TV must be in [External Input] mode. ?

A. Make sure the smart box front status LED is in a dazzling LED state (several LED sequential exposures)

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**Q. If the remote control does not work**

A. Make sure the smart box is powered on.

A. Make sure that the +, - poles of the batteries are not changed and that the batteries are not exhausted.

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**Q. If you can not hear the voice**

A. Make sure that the Earjack (earphone) is plugged into the Smartbox's audio output terminal or not set to Bluetooth output.

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**Q. Smartbox power is not turned off**

A. Press and hold the Power key on the remote control or smart box for 2 to 3 seconds.

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## 11. Product Specification

Division		Spec.
Model		CWO-100
Processor		RK3288 ( Cortex-A17 ) w/ Mali-T764
OS		Android lollipop
RAM		2GB DDR3L
Storage		eMMC 4GB / SD 32GB / M.2 SSD (option)
Power		AC 100-240V~, 50/60Hz
Input voltage		DC 12V, 3A
Size		94 x 94 x 154mm
weight		420g
Power Consumption		12W max
Maximum supported resolution		1080p 60Hz
External terminal	Video output	HDMI
	Audio output	Stereo , 3.5pi-Jack / HDMI
	Audio Input	Mono , 2 Channel , 3.5pi-Jack
	LAN	10/100 BASE-T
	USB	USB 2.0 x2
	Bluetooth	4.0
	Wireless	802.11 b/g/n 2.4GHz

\* The above specifications are subject to change without notice from time to time in accordance with the specifications of the manufacturer.

# Product Warranty Card

## 12. Product Warranty

The warranty period of the product is one year.

<b>Product Name :</b> clueworks 5			
<b>Model :</b> CWO-100			
<b>Purchase Date :</b>	<b>Y</b>	<b>M</b>	<b>D</b>
Customer name			
<b>TEL :</b>			
<b>ADDRESS :</b>			

\* When requesting repair of this product, it is necessary to present this warranty, which describes the date of purchase.

1. This product is manufactured through strict quality control and inspection process.
2. If any defects or natural defects occur during the warranty period, we will repair it free of charge within the following warranty period.
3. The warranty period of the product is one year.
4. Retention period for repair parts is 2 years after product discontinuation.
5. Please show this product warranty when repair is required. 확인
6. In the case of rent, it is treated as actual expenses.
  - ① If the warranty period has passed
  - ② Even if the product is within the warranty period, it will be damaged due to user's carelessness.
  - ③ If you can not confirm the product due to lack of warranty or omissions
  - ④ In case of malfunction due to natural disasters
  - ⑤ If warranty period is specified for each part
  - ⑥ In case of malfunction caused by modifying or modifying the structure, performance or function of the product
  - ⑦ When consumable parts have reached the end of their life

This warranty is valid only in Korea.

## 13. Service center

Thank you for using.

If you have any inconveniences or questions about using the product, please contact the following number

We will help and answer you quickly and accurately.

**Representative number** **1234-1234**

확인

**FAX :** 1234-1234

확인

확인

**Service hours:** Weekdays from 10:00 am to 17:00 pm

Lunch time 11:30 am to 12:30 pm

Closed on Saturdays / Sundays / holidays

**Head Office Address:** 146 Teheran Road, Gangnam-gu, Seoul

확인

**Home Page URL :**

확인

**E-mail :**

**Return designated courier company:** courier, 1588-1234

**Within 1 month after purchase:** Company round trip

**1 month after purchase free of charge guarantee period:** one way burden

**Warranty Expiration:** Customer Charge

\* Telephone numbers and trade names may change subject to change.

\* Specification and design are subject to change without prior notice in order to improve product quality.



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## *FCC Information*

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.

### *FCC notification to users*

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 when the equipment is operated in a commercial environment. 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, the user is encouraged to try to correct the interference by consulting with a dealer or an experienced technician for technical assistance.

**Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.**

### WARNING & SAFETY INFORMATION

**The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.**