

# UNISON™

## i-X6 Speaker System User Manual



# Warranty

Unison 3 Year Manufacturers Warranty

Register online at [www.cygnett-unison.com](http://www.cygnett-unison.com) to activate your warranty.

## **WARNING:**

**3 year parts and labour warranty against manufacturer defects. Warranty will not cover abuse or misuse including overdriven speakers.**

# Safety Precautions

Thank you for purchasing the Unison i-X6. For optimal performance and safety, please read the manual carefully and retain it for future reference.



**CAUTION:** Contains 'dangerous voltage' within the enclosure that may constitute a risk of electric shock. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER OR BACK PANEL. REFER ALL SERVICING TO A QUALIFIED SERVICE PROFESSIONAL.



Please read these operating and maintenance (servicing) instructions before installing and operating your speakers.

**WARNING:** To reduce the risk of fire or electric shock, do not expose this speaker system to rain or moisture (including swimming pools or objects filled with liquids, such as vases or drinks).

## Important Safety Instructions

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

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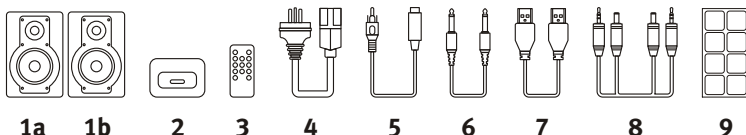
## Welcome

Thank you for choosing the Unison i-X6 Dynamic Speaker System. Engineered to bring you an unsurpassed music listening experience, the i-X6 reproduces sound to its highest-fidelity potential. Featuring a built-in amplifier, magnetically shielded paper cones and silk dome tweeters, the i-X6 delivers clearer highs, richer mid-range and powerful bass. With a sophisticated iPod dock and remote, the i-X6 transforms your iPod into a powerful sound system, bringing life to every track on your playlist.

## What's in the Box?

1. **Two i-X6 speakers** (Left and Right)
  - a. **Left Speaker:** Built-in amplifier and power supply; volume control, auxiliary stereo input, main RCA stereo input and right channel signal output
  - b. **Right Speaker:** Audio connection from left speaker on back
2. **iPod dock and inserts**
3. **Remote control**
4. **3 metre power cable**
5. **1.5 metre S-Video cable**
6. **5 metre 6.5mm to 6.5mm audio cable**
7. **1.2 metre USB cable**
8. **5 metre Audio & DC cable for iPod dock**
9. **Foam pad feet for speaker**

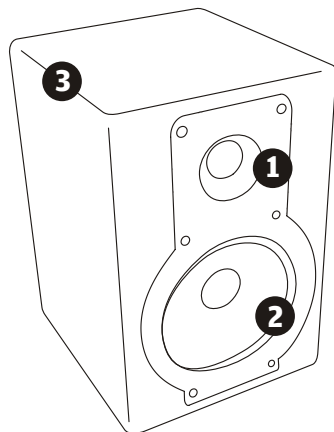
User manual



## i-X6 Features

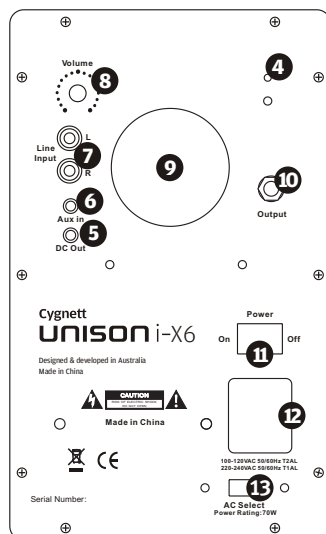
### Front Panel Features

1. **Tweeter:** 1" Magnetically Shielded Natural Silk Dome
2. **Woofers:** 6.5" Magnetically Shielded Paper Cone
3. **Enclosure:** Hand-crafted wood enclosure provides insulation of the acoustic components delivering a stable and superior bass response. Designed with a custom-made interior, the enclosure minimises vibration for distortion free sound and clear audio reproduction.



### Rear Panel Features

4. **Power Indicator LED:** Indicates whether the speakers power is turned 'ON'.
5. **DC Out:** When connected to the dock, this power cable allows your iPod to charge when docked.
6. **Aux In:** This port enables stereo audio connection between dock and speakers.
7. **RCA Input:** Used to connect signals from unbalanced, -10dBv devices. The white connector is for the Left input and the red connector is for the Right input.



## **Rear Panel Features (continued)**

8. **Volume Control:** The volume control allows you to set the output level of your i-X5 (Note: this function is independent of the iPod volume level).
9. **Vent Port:** This port aids in reproduction of very low frequencies by discharging frequencies below 55Hz.
10. **6.5mm Jack Output:** Use the 5 metre speaker cable included to connect the left and right speakers through the 6.5mm jacks on the back of each speaker.
11. **Power Switch:** This switch turns the device on and off, The 'ON' position is marked with a white dot.
12. **Power Receptacle:** Accepts a detachable 3-circuit line cord in order to power the device.
13. **Voltage-Select Switch:** Provides 2 selections, 115VAC and 230VAC, and should be set to match the "house supply" (receptacle) voltage of the country or location in which the speaker is used. The 115V setting is correct for the USA, while the 230V setting is correct for most of the UK, Europe and Australia. This setting must be correct or damage to the speaker will occur.

***For your safety and for the optimum performance of the i-X6 speaker system, please read all safety precautions and follow the instructions carefully.***

## **Precautions**

**Connections:** Ensure that the i-X6 is switched 'off' before making any connections. Connect the RCA outputs of your i-X6 to the corresponding inputs on your computer sound card, portable music player, or other audio device. We recommend that you use the supplied cables (or cables of equal or higher quality) for all connections.

**Correct Power Operation:** Since the i-X6 contains an amplifier, it must be connected to a power outlet using the detachable AC cable that is provided. Before connecting the power, please make sure that the On/Off switch is in the 'OFF' position.

**WARNING!** Use of improper Voltage may result in hazardous conditions and/or damage the speaker components not covered by the products warranty.

## **Connecting the Speakers**

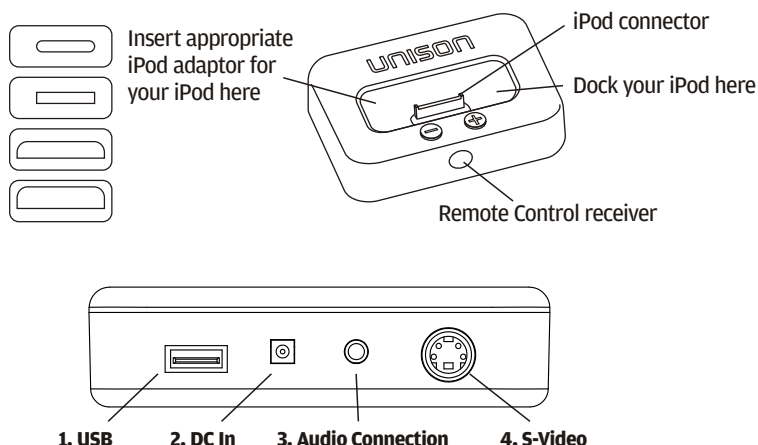
Use the speaker wires (6.5mm jack audio cable) included with the i-X6 to connect the Left and Right speakers via the 6.5mm jacks on the back of each speaker.

## **Connecting to a Computer Sound Card or Other Audio Output Device**

1. Before connecting the i-X6 Speaker System, make sure the power from the computer or other output device has been turned off. The power to the i-X6 must also be turned off before connecting.
2. Plug the RCA cable to the corresponding connectors on your computer sound card, portable music player or audio device. You can also use the 3.5mm mini stereo cable to connect a secondary audio device to the 'Aux in' audio input.



## Connecting to your iPod



## Connecting the dock and i-X6 Speakers

1. Connect the dock to the speakers using the included 5 metre Audio (3) and DC (2) cable to connect the audio and provide power to charge your iPod.
2. For viewing video footage, connect the S-video cable to the dock (4) and into your television. This requires an iPod with video capabilities. Make sure video output is set to on & settings on your iPod are correct. ie. PAL or NTSC.
3. To sync your iPod with your computer, connect the included USB cable from the dock (1) to your computer. Your iTunes should automatically start after a short while and sync with your iPod.
4. Once you have connected the cables to the rear of the dock, slot in the appropriate insert for your iPod. Then dock your iPod on the iPod connector

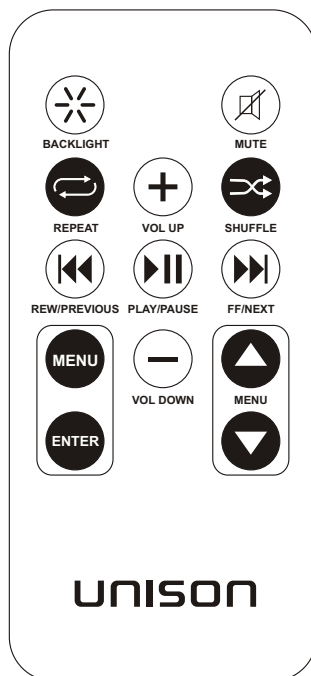
To take full advantage of the stereo sound, we recommend you place the dock close to the centre of your entertainment system and separate the speakers.

5. To adjust the volume via the dock press the (+) or (-) buttons on the front of the dock or on the remote.

## Operating the Speaker System via remote control

### Remote Control Features

- **Backlight:** Your iPod's backlight is switched on for 30 seconds
- **Mute:** Changes between mute and mute off.
- **Repeat:** Changes your iPod's repeat status. repeat off ==> repeat one track ==> repeat all tracks==>repeat off
- **VolUp:** Volume up
- **Shuffle:** Changes your iPod's shuffle status. Shuffle off ==> shuffle tracks ==> shuffle albums ==> shuffle off
- **Rew/Previous:** Play previous track. Press and hold to scan backwards through the track.
- **Play/Pause:** When your iPod's power is on, changes play status between play or pause. When iPod's power is on, press and hold for 2 seconds to turn off iPod. When your iPod's power is off, press to turn on iPod.
- **FF/Next:** Play next track. Press and hold to scan forward through the track.
- **Menu:** Works as your iPod's Menu button
- **VolDown:** Volume down
- **Menu Up:** Works as your iPod's Menu Up button
- **Enter:** Works as your iPod's Enter button
- **Menu Down:** Works as your iPod's Menu Down button



<b>Type:</b>	Two-way Powered Speaker System
<b>LF Driver:</b>	Woofer: 6.5" magnetically shielded paper cone
<b>HF Driver:</b>	Tweeter: 1" magnetically shielded natural silk
<b>Frequency Response:</b>	45Hz-22KHz
<b>Crossover Frequency:</b>	3.0KHz
<b>S/N Ratio:</b>	>95dB (typical, A-weighted)
<b>Power:</b>	100 watts
<b>Dynamic Power:</b>	20 watts RMS 4Ω per channel @0.5% THD+N
<b>Input Impedance:</b>	10K Ohms Unbalanced
<b>Polarity:</b>	Positive signal at "+" input produces outward low-frequency cone displacement
<b>Input Sensitivity:</b>	100 mV pink noise input produces 95dBA output SPL at 1 meter with volume control at maximum
<b>Protection:</b>	RF interference, output current limiting, over temperature, turn on/off transient, subsonic filter
<b>Indicator:</b>	Power on/off indicator on rear panel
<b>Input Connectors:</b>	2 RCA Inputs Aux Inputs
<b>Power Requirements:</b>	100-120V/60Hz & 220-240V/50Hz AC Select
<b>Dimension:</b>	300mm(H) x 198.5mm(W) x 250mm(D)
<b>Weight:</b>	11.82kg
<b>Finish:</b>	High Gloss Enamel
<b>Colour:</b>	Black

**UNISON**<sup>™</sup>

**CYGNETT HEAD OFFICE  
BUILDING 6/650 CHURCH STREET  
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**DESIGNED & DEVELOPED IN AUSTRALIA  
MADE IN CHINA**

**CYGNETT UNISON PRODUCT CODE: U-S-IX6B**

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