

KLH KLHBDL241101-07

KLH Faraday Series M-8600-W In-Wall Speaker System

USER MANUAL

1. Product Overview

The KLH Faraday Series M-8600-W In-Wall Speaker System is designed to deliver high-fidelity audio seamlessly integrated into your living space. This bundle includes four (4) M-8600-W speakers, each featuring a 2-way sealed and tuned design with robust construction for in-wall installation. Each speaker is equipped with dual 6.5-inch Kevlar/Fiberglass laminate woofers and a 1-inch silk dome tweeter, engineered to provide clear, detailed, and balanced sound reproduction across a wide frequency range.



Figure 1: Four KLH Faraday Series M-8600-W In-Wall Speakers with grilles.

2. Key Features

- **High-Performance Audio:** Equipped with dual 6.5-inch Kevlar/Fiberglass laminate woofers and a 1-inch silk dome tweeter for rich, detailed sound.
- **Robust Construction:** Features a sturdy 3/4-inch MDF back box and steel reinforcement for durable in-wall installation.
- **Optimized Design:** Sealed and tuned MDF enclosures ensure outstanding acoustic performance.
- **Easy Installation:** Designed with six dog-leg installation points for convenient and secure mounting.
- **Versatile Connectivity:** Input connection facilitated by 5-way binding posts for reliable wiring.

- **Compact Integration:** A mounting depth of 3.9 inches allows for seamless integration into standard wall structures.



Figure 2: Close-up view of a single KLH Faraday Series M-8600-W speaker, highlighting the dual woofers and tweeter.

3. Setup and Installation

Proper installation is crucial for optimal performance and safety. It is recommended that installation be performed by a qualified professional.

3.1 Unpacking

1. Carefully open the packaging and remove the speakers.
2. Inspect each speaker for any signs of damage during transit. If damage is found, contact your retailer immediately.
3. Retain the packaging materials for future transport or storage.

3.2 Mounting Location and Preparation

Select a suitable location in your wall that is free from obstructions such as electrical wiring, plumbing, or structural elements. The speakers are designed for in-wall installation and require a mounting depth of 3.9 inches.

- Use a stud finder to locate wall studs and avoid them.
- Trace the cutout template (not provided, typically included with physical product or available from manufacturer) onto the wall surface.
- Carefully cut the opening using a drywall saw or similar tool.





Figure 3: Side view illustrating the mounting depth and 5-way binding posts for wiring.

3.3 Wiring

Before connecting, ensure all power to your audio system is turned off.

1. Run appropriate gauge speaker wire from your amplifier/receiver to the wall opening.
2. Strip approximately 1/2 inch of insulation from the ends of the speaker wires.
3. Connect the positive (+) terminal of the speaker (red) to the positive (+) output of your amplifier.
4. Connect the negative (-) terminal of the speaker (black) to the negative (-) output of your amplifier.
5. Ensure all connections are secure and free from stray wire strands that could cause short circuits.

3.4 Speaker Installation

1. Carefully insert the speaker into the prepared wall opening.
2. Tighten the six dog-leg installation points (usually screws on the front baffle) until the speaker is firmly secured to the wall. Do not overtighten.
3. Attach the magnetic grille to the speaker baffle.

4. Operation

Once installed and wired, your KLH Faraday Series M-8600-W speakers are ready for use.

- Ensure your amplifier/receiver is powered on and set to the correct input source.
- Start with the volume at a low level and gradually increase it to your desired listening level.
- The recommended amplifier power for these speakers ranges from 50W to 275W. Operating within this range will ensure optimal performance and longevity.

5. Maintenance

The KLH Faraday Series M-8600-W speakers require minimal maintenance.

- **Cleaning:** Dust the grilles and speaker frames periodically with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, but avoid excessive moisture. Do not use harsh chemicals or abrasive cleaners.
- **Grilles:** The grilles are magnetic and can be easily removed for cleaning or inspection. Handle them carefully to avoid bending.
- **Environment:** Ensure the speakers are not exposed to extreme temperatures, direct sunlight, or high humidity, which can affect performance and lifespan.

6. Troubleshooting

If you experience issues with your speakers, refer to the following common troubleshooting steps:

- **No Sound:**
 - Check all speaker wire connections at both the speaker and the amplifier/receiver. Ensure they are secure and correctly polarized (+ to +, - to -).
 - Verify that the amplifier/receiver is powered on and set to the correct input source.
 - Test with another audio source or speaker if possible to isolate the problem.
- **Distorted Sound:**
 - Reduce the volume level on your amplifier/receiver. Overdriving the speakers can cause distortion.
 - Check speaker wire connections for loose strands or short circuits.
 - Ensure the amplifier's power output is within the recommended range (50W-275W) for the speakers.
 - Inspect the speaker cones and tweeters for any visible damage.
- **Uneven Sound or One Speaker Not Working:**
 - Check the balance settings on your amplifier/receiver.
 - Verify the wiring for the affected speaker.
 - Swap the speaker wires at the amplifier for the left and right channels to determine if the issue follows the speaker or the amplifier channel.

7. Technical Specifications

Feature	Specification
Model Name	KLH Faraday Series M-8600-W
Speaker Type	2-Way In-Wall Speaker
Woofer Configuration	Dual 6.5" Fiberglass/Kevlar® Laminate Cone Woofers
Tweeter Configuration	1" Silk Dome Tweeter
Frequency Response	45Hz - 20KHz
Sensitivity	91dB
Nominal Impedance	8 Ohms

Feature	Specification
Crossover Frequency	2500Hz
Recommended Amplifier Power	50W - 275W
Enclosure Type	Sealed and Tuned MDF with Steel Reinforcement
Dimensions (W x H)	11.3" W x 19.7" H (per speaker)
Mounting Depth	3.9"
Weight	16 lbs (per speaker), 64 lbs (total bundle)
Installation Points	Six (6) Dog-Leg Clamps
Input Connection	5-Way Binding Posts
UPC	840425820209
ASIN	B0DMFSWNV3

8. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your purchase or visit the official KLH website.

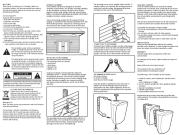

Should you require technical assistance or have questions not covered in this manual, please contact KLH customer support through their official channels.

- **Manufacturer:** KLH
- **Website:** [www.klhaudio.com](#) (Hypothetical link, as not provided in JSON)



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Related Documents - KLHBDL241101-07

	<p>KLH Faraday F-6600-AW All-Weather Outdoor Speaker Manual and Installation Guide</p> <p>Comprehensive guide for the KLH Faraday F-6600-AW all-weather outdoor speakers, covering safety, placement, installation, connection, care, and warranty information.</p>
	

Part 1 - Basic Information of Device

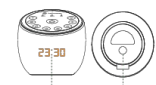
1. Specification

ITN	10996-02-01-10996-07-B-1
Model Number	10996-07
Contain FCC ID	243030-10996-03
Voltage	5W 16V
Color	8550-16V(200000)
Input	DC 5V-16V
Working Voltage	5V
Connector Type	USB Type-C
Working Temperature	0°C ~40°C
Loadless	1000000000
Is	42°C
Memory Content	0
Rated Useful/Luminescence	80
Rated CPU	80
Disassemble(CPU)	Y
Package Includes	Sound Module + 1 USB Cable + 1 Adapter + 1
Operating Frequency	2400 MHz ~ 2480 MHz
ERP	0.1 ~ 1.0W, B.S. - 2.4GHz
Wireless Application Protocol	BT and BLE

2. Buttons



- ① **Routine**
Tap when you're ready to rest. (It will automatically transition through each step of your Routine as programmed in the app.)
 - ② **Noise Sounds**
Tap to switch between up to 8 sounds customized in the app.
 - ③ **Nature Sounds**
Tap to switch between up to 8 sounds customized in the app.
 - ④ **Music**
Tap to switch between up to 8 sounds customized in the app.
 - ⑤ **Power**
Tap turn on, or switch to standby mode if already active.
 - ⑥ **Timer**
Tap: 10s/20s/30s/Time off
 - ⑦ **Volume -**
Tap: Volume down
 - ⑧ **Volume +**
Tap: Volume up

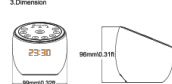


- ④ **Volume +**
Tap **Volume up** to raise the volume.
Tap **Volume down** to lower the volume.
 - ⑤ **Light**
Tap **Cycle through light options** to select a light color: white, warm white, cool white, orange, green, blue, purple, and off. Hold **Light** to turn off the light.
 - ⑥ **Clock**
After pairing it with your phone, the clock will automatically set its time. You can adjust the brightness and clock display period in the app.
 - ⑦ **Mode Switch**
Press to switch between the Sound Machine Mode and Bluetooth Speaker Mode. The default is Sound Machine Mode.

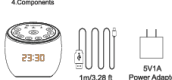
*Sound Machine Mode: The device defaults to this mode. You can customize the routines and three sound buttons in the app. Additionally, the device can be configured through the app.

• **Bluetooth Speaker Mode:** The device can also function as a Bluetooth speaker. In this mode, you can play all audio from the 'Cloud' column through the device.

3 Dimension



4.Components



Part 2 - Sound Machine Mode

1. Download the Holmoon app
To download Holmoon App, please scan the QR code or search for "Holmoon" in Apple App Store (iOS) or Google Play Store (Android).

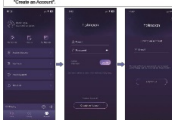


1999).

- NOTE:**
- Due to the requirements of the Android system, it is necessary for the OS below 12 to obtain the geographic location permission when connecting via Bluetooth. We won't be used to record personal private information.
 - The Hotmoco App is continually being improved and may change over time. If there is any difference, follow the in-app instructions.

2. Create/login your own hotmoon account

Open the Noon app, if you already have an account, tap "Log in". If not, tap "Create an Account".



3. Connect your Cocoon Pro

Step 1: Connect the device to a power adapter with an output voltage of 5V/1A.



Step 2: Tap the power button to turn on the device. If it's the first time to use it, the white light will flash. If not, you need to press and hold the device's bottom button until the white light flashes.



Step 3: You can follow the steps in the app to connect your Cocoon Pro. Bluetooth



Note: in the source machine mode, the content of the "Cloud" section can only be

Part 3 - Bluetooth Speaker Mode

- Step 1:** Press the mode switch button at the bottom of the device and you'll hear the prompt "Bluetooth Speaker Mode". Cocoon Pro will work as a Bluetooth speaker.




- Notes:**
1. In Bluetooth speaker mode, the content of the "Cloud" section can be played on the device.
 2. If you want to switch from Bluetooth Speaker Mode to Sound Machine Mode, you need to press the mode switch button, and "Sound Machine Mode" appears.

Comprehensive user guide for the Hotmoon Cocoon Pro Smart Sound Machine (Model: HMNL-07), detailing features, modes, setup, and troubleshooting for enhanced sleep and relaxation.

Page 9 of 14

Part 4 - FAQ


1. How to customize the sound buttons?
You can customize how these sound buttons through the app. The buttons can be placed in the app as shown below. You can choose any image sound or an album to replace. Click the "New Sound" or the "Theme" button in the app.



NOTE:
1. The buttons cannot be deleted but can be sorted, edited, enabled, and disabled.
2. When the duration is "10:00", the button will play without stopping. Click on the left and play the next sound will play the "C" button.
3. At least 1 and up to 10 buttons could be enabled.
4. Tap or hold the "C" button. Click on the play button to enable you enable.
5. Tap or hold any sound button. Click on the play button to enable you enable.

Page 10 of 14


2. How to customize my bedtime?
Step 1: Tap "Sleep".
Step 2: Tap the red button to enter the editing page, hold the "on" icon on the left to adjust the sequence, and double any button by the "on" icon on the right.
Step 3: Tap "Sleep".



NOTE:
1. The buttons cannot be deleted but can be sorted, edited, enabled, and disabled.
2. When the duration is "10:00", the button will play without stopping. Click on the left and play the next sound will play the "C" button.
3. At least 1 and up to 10 buttons could be enabled.
4. Tap or hold the "C" button. Click on the play button to enable you enable.
5. Tap or hold any sound button. Click on the play button to enable you enable.

Page 11 of 14

3. How to adjust the clock brightness?
Step 1: Tap "Night" icon.
Step 2: On the "Theme Settings" page, tap "Clock brightness" to set the clock brightness and specified display period.
Step 3: Tap "Night" icon to the homepage.



NOTE:
1. The buttons cannot be deleted but can be sorted, edited, enabled, and disabled.
2. When the duration is "10:00", the button will play without stopping. Click on the left and play the next sound will play the "C" button.
3. At least 1 and up to 10 buttons could be enabled.
4. Tap or hold the "C" button. Click on the play button to enable you enable.
5. Tap or hold any sound button. Click on the play button to enable you enable.

Page 12 of 14

4. How to enter my Schedule?
Tap any button to enter your Schedule playback.

5. How to pause again after disconnection?
Press and hold the button on the device button. Then the device will flash with the white light, showing it going to re-connection. Hold "Cancel" and complete the steps in the app to connect. Wi-Fi is required.

Page 13 of 14

6. How long do the buttons' backlights last?
The backlight of all buttons automatically turn off after 10 seconds of no operation and can wake up by tapping any button.

7. What do sound machine mode and Bluetooth speaker mode mean?
Sound machine mode: You can control and customize ClickPro Pro, but all content of the "Sound" section can be played only by your phone.
Bluetooth speaker mode: ClickPro Pro works as a Bluetooth speaker, and all content of the "Sound" section can be played by ClickPro Pro.

8. Why do I need to enter geographic location permission?
Due to the requirements of the Android system, the iOS system must obtain geographic location permission when connecting via Bluetooth.

9. I cannot unlock the VIP content of the Bluetooth app.
Only the account that is using the app can use the VIP content. If account A uses ClickPro Pro to connect after pairing, then account B can connect the VIP content after pairing. After account C connect your other features except unlocking the VIP content.

10. How to turn off the sound or light separately?
Turn off the sound button by "off" and the sound off.
Turn off the light button by "off" and the light off.

Page 13 of 14

FCC Warnings:

Any Change or modification not expressly approved by the party responsible for compliance will void the warranty provided by the manufacturer.

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.

Note: This equipment has been tested and found to comply with the limits for 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 interference to other electronic equipment.

However, there is no guarantee that interference will not occur in a particular installation. If the 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 to 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.


The above has been tested to meet general RF exposure requirement. The manufacturer is not responsible for providing individual RF exposure.

Need help?



Hotmoon support is here.
Contact us at support@hotmoon.com

Manufacturer: Shenzhen ZhiJing Electronics Technology Co., Ltd.
(Shenzhen ZhiJing Smart Bed Fixtures Company)
Address: No.105, Xiang'an Lane, Tanggongshi, Nanshan Community, Bantian
ShiLangguang District, Shenzhen, CHINA 518050

Page 14 of 14



On paper this, looks like water, and its swirling good for the environment.




MADE IN CHINA

Model: ZJ-2020-01-01-01

Installation Guide

RGB LED Illuminated Image Wall Fixture




Important Safety Instructions

Read And Follow All Safety Instructions

1. Read and follow all safety instructions.
2. Do not touch the fixture when it is powered on.
3. Do not touch the fixture when it is powered on.
4. Do not touch the fixture when it is powered on.
5. Do not touch the fixture when it is powered on.
6. Do not touch the fixture when it is powered on.
7. Do not touch the fixture when it is powered on.
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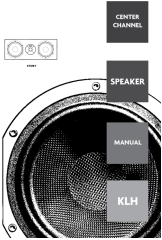
See These Instructions For Future Reference

Section	Page
1. Safety	2
2. Installation	3
3. Operation	4
4. Maintenance	5
5. Troubleshooting	6
6. Warranty	7
7. Contact Us	8



[Amico RGB LED Illuminated Image Wall Fixture Installation Guide | MRI Compatible](#)

Comprehensive installation guide for the Amico RGB LED Illuminated Image Wall Fixture, including safety instructions, dimensions, wiring diagrams, and mounting procedures. MRI compatible.



[KLH Story Center Channel Speaker User Manual](#)

This user manual provides essential information for the KLH Story Center Channel Speaker, including safety instructions, unpacking, connection guides, placement recommendations, port tuning, warranty details, and technical specifications. Optimize your home theater audio experience with KLH.



[M-View® TC and TCM Series 7-inch and 10-inch Display Installation Guide](#)

Installation guide for the M-View® TC and TCM Series 7-inch and 10-inch displays, covering product identification, dimensions, mounting, connections, power supply, specifications, and usage in hazardous areas.



[Slazenger Smartwatch User Manual: Models SL.07.6416.5, SL.07.6417.5, SL.07.6418.5](#)

Comprehensive user manual for Slazenger smartwatches, covering setup, features, functions, app pairing (FitCloudPro, Fundo, WearPro), sports tracking, notifications, and troubleshooting. Includes detailed instructions for models SL.07.6416.5, SL.07.6417.5, and SL.07.6418.5.