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Lloyd's LC-1212

Lloyd's Universal Smart IR Remote Control

MODEL: LC-1212

User Manual

Introduction

The Lloyd's LC-1212 Universal Smart IR Remote Control is designed to transform your traditional infrared-controlled devices into smart, connected appliances. This device allows you to control various home electronics such as televisions, air conditioners, fans, and set-top boxes directly from your smartphone or through voice commands using virtual assistants like Amazon Alexa and Google Assistant. It integrates seamlessly into your smart home ecosystem, offering convenience and enhanced control over your entertainment and climate systems.

Package Contents

Please verify that all items are present in the package:

- 1 x Lloyd's LC-1212 Smart IR Remote Control Unit
- 1 x USB Power Cable
- 1 x User Manual (this document)

Product Overview

The Lloyd's LC-1212 is a compact and discreet device designed to blend into your home environment while providing powerful infrared control capabilities.



Figure 1: Lloyd's LC-1212 Smart IR Remote Control and its packaging. The device is a small, black, square unit with a power cable, shown next to its white and grey retail box.

The device features a minimalist design, typically with a power input port and an indicator light. Its primary function is to receive commands via Wi-Fi from your smartphone or voice assistant and then emit the corresponding infrared signals to control your appliances.



Figure 2: Illustration of a smartphone controlling various IR devices (decoder, TV, air conditioner, fan, DVD player) through the smart infrared remote. The remote is centrally placed in a living room, emitting signals to different appliances.



Figure 3: Demonstrates the universal compatibility of the smart IR remote with various screens, video players, and air conditioners. The image shows different setups of TVs and the remote's interface for selecting device brands.

Setup

1. Powering On the Device

1. Connect the provided USB power cable to the micro-USB port on the LC-1212 device.
2. Plug the other end of the USB cable into a standard 5V USB power adapter (not included) or a compatible USB port.
3. The indicator light on the device will illuminate, indicating it is powered on.

2. App Installation

The Lloyd's LC-1212 operates with the Smart Life or Tuya Smart application. These apps are available for both iOS and Android devices.

- Download the "Smart Life" or "Tuya Smart" app from the Apple App Store (for iOS) or Google Play Store (for Android).
- Register a new account or log in if you already have one.

3. Device Pairing with the App

1. Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. The LC-1212 does not support 5 GHz Wi-Fi.
2. Open the Smart Life/Tuya Smart app.
3. Tap the "Add Device" or "+" icon in the top right corner.
4. Select "Universal Remote Control" or "IR Remote Control" from the device list under "Electrical" or "Others".
5. Follow the on-screen instructions to put the LC-1212 into pairing mode (usually by pressing and holding a button on the device or power cycling it until the indicator light blinks rapidly).
6. Enter your Wi-Fi network password when prompted.
7. Wait for the device to connect. Once connected, you can rename the device for easier identification.

4. Adding Infrared Controlled Devices

After successfully pairing the LC-1212, you can add your IR-controlled appliances:

1. In the app, select your newly added LC-1212 device.
2. Tap "Add Remote Control" or a similar option.
3. Choose the type of device you want to control (e.g., TV, Air Conditioner, Fan, Set-top Box).
4. The app will guide you through two main methods for adding devices:
 - **Auto-Match (Recommended):** The app will provide a list of brands. Select your device's brand and test the pre-programmed remote codes. If a code works, confirm it.
 - **DIY (Do It Yourself) / Learning Mode:** If your brand is not listed or auto-match fails, you can teach the LC-1212 commands from your original remote. Point your original remote at the LC-1212 and press the desired button (e.g., Power On). The LC-1212 will learn and store this command. Repeat for all necessary functions.
5. Once added, you can test and customize the controls within the app.

Operating the Device

1. Smartphone Control

After adding your devices, you can control them directly from the Smart Life/Tuya Smart app from anywhere with an internet connection.

- Open the app and select the specific device you wish to control (e.g., "Living Room TV").
- The app will display a virtual remote interface with buttons corresponding to the functions of your device.
- Tap the desired button to send the IR command. Ensure the LC-1212 has a clear line of sight to the device you are controlling.

2. Voice Control with Alexa and Google Assistant

Integrate your LC-1212 with Amazon Alexa or Google Assistant for hands-free control.



Figure 4: Demonstrates voice control capabilities, showing a user commanding an air conditioner to 20°C and a TV to turn off using virtual assistants.

1. Link the Smart Life/Tuya Smart Skill/Service:

- Open the Alexa app or Google Home app.
- Navigate to "Skills & Games" (Alexa) or "Works with Google" (Google Home).
- Search for "Smart Life" or "Tuya Smart" and enable the skill/service.
- Link your Smart Life/Tuya Smart account by entering your credentials.

2. Discover Devices: Once linked, ask Alexa ("Alexa, discover my devices") or Google Assistant ("Hey Google, sync my devices") to find the devices you've added to the Smart Life/Tuya Smart app.

3. Voice Commands: You can now use voice commands to control your devices. Examples:

- "Alexa, turn on the Living Room TV."
- "Hey Google, set the AC to 22 degrees."
- "Alexa, turn off the fan."

3. Creating Automation Routines

Leverage the automation features within the Smart Life/Tuya Smart app to create custom routines and scenes.

- Go to the "Smart" or "Automation" section in the app.
- You can set up routines based on time, device status, or other smart home triggers (e.g., "At 9:00 PM, turn on the TV and change to Channel 5").
- Integrate with other smart devices: For example, if you have a smart door sensor, you can set a routine to turn on the air conditioner when the door opens.

Maintenance

To ensure optimal performance and longevity of your Lloyd's LC-1212 Smart IR Remote Control, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Placement:** Place the device in a central location within the room, ensuring a clear line of sight to all IR-controlled appliances. Avoid placing it behind obstacles or in direct sunlight.
- **Power Supply:** Use a stable 5V power supply. Avoid frequent power interruptions.
- **Environment:** Keep the device away from extreme temperatures, high humidity, and water.

Troubleshooting

If you encounter issues with your Lloyd's LC-1212, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Device not connecting to Wi-Fi.	<ul style="list-style-type: none"> • Ensure your Wi-Fi network is 2.4 GHz. • Check Wi-Fi password. • Move the device closer to the Wi-Fi router. • Reset the device and try pairing again.
IR commands not working or inconsistent.	<ul style="list-style-type: none"> • Ensure the LC-1212 has a clear line of sight to the target appliance. • Verify the distance is within the effective range (≤ 8 meters). • Re-learn the IR commands in the app, especially if using DIY mode. • Check for obstacles blocking the IR signal.
Voice commands (Alexa/Google Assistant) not working.	<ul style="list-style-type: none"> • Ensure the Smart Life/Tuya Smart skill/service is enabled and linked correctly in your Alexa/Google Home app. • Discover devices again in the Alexa/Google Home app. • Use the exact device names configured in the Smart Life/Tuya Smart app. • Check your internet connection.

Problem	Possible Cause / Solution
App interface for AC control is confusing.	<ul style="list-style-type: none"> Some AC units may require manual learning of each button for precise control. Refer to the app's specific instructions for complex devices like ACs.

Specifications

Feature	Detail
Brand	Lloyd's
Model Number	LC-1212
Dimensions (L x W x H)	1.78 x 4.98 x 4.98 cm
Weight	45 g
Power Input	5V DC
Wattage	5 watts
Connectivity	Wi-Fi (2.4 GHz only)
Infrared Distance	≤ 8 meters
Compatible Devices	iOS / Android smartphones
Material	ABS
Special Features	Universal IR control, Voice control (Alexa, Google Assistant), Automation routines

Warranty and Support

The Lloyd's LC-1212 Smart IR Remote Control comes with a **1-year warranty** from the date of purchase.

This product holds NOM certification, ensuring compliance with Mexican standards.

For technical support or warranty claims, please contact Lloyd's customer service. Technical support is offered from Mexico.

Please retain your proof of purchase for warranty purposes.