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› Xantech WL85 Universal Wall Link IR Receiver Instruction Manual

Xantech WL85

Xantech WL85 Universal Wall Link IR Receiver Manual

Model: WL85

INTRODUCTION

The Xantech WL85 Universal Wall Link IR Receiver is designed to seamlessly integrate your audio/video components into a hidden or remote location. This device captures infrared (IR) signals from your remote controls and relays them to your entertainment system, allowing you to control equipment that is out of sight, such as in a cabinet or another room. The WL85 is engineered to resist interference from common sources like LCD and plasma televisions, ensuring reliable performance.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Xantech WL85 Universal Wall Link IR Receiver
- Quick Start Guide

SETUP AND INSTALLATION

The Xantech WL85 is designed for in-wall installation, typically fitting into a standard electrical box. Proper installation requires connection to a compatible IR repeater or distribution system (sold separately) which then connects to IR emitters placed on your audio/video components.

General Installation Steps:

1. **Mounting:** Install the WL85 into a standard single-gang electrical box in a location where it has a clear line of sight to your remote control.
2. **Wiring:** Connect the WL85 to your IR repeater or distribution block using appropriate wiring. Refer to the included Quick Start Guide and your IR distribution system's manual for specific wiring diagrams and connection types (e.g., power, IR signal output).
3. **System Integration:** Ensure your IR repeater system is powered and correctly connected to IR emitters placed over the IR sensor windows of your audio/video components.
4. **Testing:** After installation, test the system by pointing your remote control at the WL85 and verifying that your components respond as expected.

The WL85 is compatible with various IR codes, including RCMM codes, making it suitable for a wide range of

devices such as Uverse cable boxes and other home theater equipment.



Image showing the front face of the Xantech WL85 Universal Wall Link IR Receiver, designed for in-wall installation.

OPERATING INSTRUCTIONS

Once the Xantech WL85 is correctly installed and connected to a functional IR distribution system, operation is straightforward:

- Point your standard IR remote control directly at the Xantech WL85 receiver.
- The WL85 will capture the IR signal and transmit it through the connected IR repeater system to the IR emitters.
- The IR emitters, placed over the IR windows of your hidden components, will then relay the command directly to the devices.
- Ensure there are no obstructions between your remote control and the WL85 receiver for optimal performance.

The WL85's advanced design helps filter out common IR interference, providing a fast and seamless response time

from your components.

MAINTENANCE

The Xantech WL85 Universal Wall Link IR Receiver requires minimal maintenance to ensure continued performance:

- **Cleaning:** Periodically wipe the front lens of the receiver with a soft, dry cloth to remove dust or smudges. Avoid using harsh chemicals or abrasive materials.
- **Obstructions:** Ensure the receiver's lens remains unobstructed by furniture, decorations, or other items that could block the IR signal from your remote control.
- **Environment:** Avoid exposing the unit to excessive moisture, direct sunlight for prolonged periods, or extreme temperatures.
- **Service:** The WL85 contains no user-serviceable parts. Do not attempt to open or repair the unit yourself.

TROUBLESHOOTING

If you experience issues with your Xantech WL85, please refer to the following troubleshooting steps:

- **No Response from Components:**
 - Verify that the entire IR distribution system (including the repeater and power supply) is powered on and functioning correctly.
 - Check all wiring connections between the WL85, the IR repeater, and the IR emitters. Ensure they are secure and correctly terminated.
 - Confirm that your remote control has fresh batteries and is operating correctly.
 - Ensure there is a clear line of sight between your remote control and the WL85 receiver.
 - Verify that the IR emitters are correctly positioned directly over the IR sensor windows of your audio/video components.
- **Intermittent or Unreliable Response:**
 - Check for strong ambient light sources (e.g., direct sunlight, certain types of fluorescent or LED lighting) that might be interfering with the IR signal. While the WL85 is designed to resist interference, extreme conditions can still affect performance.
 - Ensure the WL85 is securely mounted and that its connections are firm. Loose connections can cause intermittent operation.
 - Confirm that no objects are partially obstructing the WL85's lens.
- **Components Responding Incorrectly:**
 - Ensure that IR emitters are placed only on the intended components and are not accidentally triggering adjacent devices.
 - Verify that the IR emitters are compatible with your components and the IR distribution system.

If these steps do not resolve the issue, please consult the Xantech website or contact their technical support for further assistance.

SPECIFICATIONS

Model Number	WL85
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Product Type	Universal Wall Link IR Receiver
Manufacturer	Xantech
Item Weight	4.8 ounces
Package Dimensions	5.4 x 2.8 x 2.2 inches (L x W x H)
Country of Origin	China
Date First Available	August 4, 2010

WARRANTY AND SUPPORT

For detailed information regarding the warranty coverage for your Xantech WL85 Universal Wall Link IR Receiver, please refer to the official documentation included with your product or visit the Xantech official website. For technical support, product inquiries, or service, please contact Xantech customer service directly through their website or the contact information provided in your Quick Start Guide.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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