



The Leader in Architectural Audio™

INSTRUCTION MANUAL

SONANCE OPTILINQ™ IR LEARNER SYSTEM

INTRODUCTION

The Sonance OptiLinQ™ IR Learner is an infrared code capture system specifically designed for system integration professionals.

Sonance is committed to providing our dealers with the hardware and software tools that allow them to create re-usable programming databases in the most efficient and reliable way possible.

Unlike the capture hardware available in universal “learning” remote controls, the OptiLinQ IR Learner incorporates a much more robust and sophisticated circuit design. This, combined with the Navigator Program Manager’s software algorithms, allows the OptiLinQ IR Learner to reliably capture almost any infrared code regardless of code format, or frequency.

Before using the OptiLinQ IR Learner, please read and follow all of the instructions in this guide carefully.

BOX CONTENTS

The Sonance OptiLinQ IR Learner dealer kit box should contain the following items:

- One (1) OptiLinQ IR Learner infrared code capture unit.
- One (1) standard USB cable.
- One (1) hard plastic carrying case.*
- One (1) instruction manual.

**Note: The OptiLinQ IR Learner carrying case makes a great place to store K1 and K2 keypad serial programming cables.*

SYSTEM SOFTWARE REQUIREMENTS

The Sonance OptiLinQ IR Learner is designed to work together with the Infrared Library Manager software that is included as part of the Sonance Navigator Program Manager software. The minimum system requirements needed to run the Infrared Library Manager software are:

System:	Windows 98SE®, Windows ME®, Windows 2000®, Windows XP® or later.
Connection:	USB port.
Free Disk Storage:	At least 20MB of free disk storage.
Screen resolution:	800 x 600, with 256 colors.
Control:	A mouse is required.

FRONT PANEL REFERENCE

Signal LED

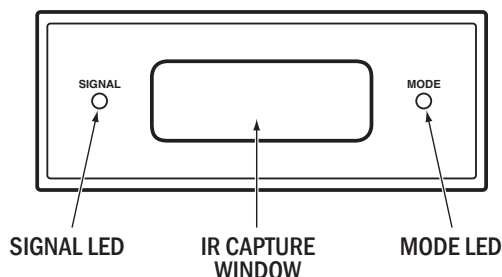
Red = IR Signal Present

Mode LED

Red = Power / Capture Complete

Green = Learn Mode

Orange = Align Mode



OPERATION

The operation of the Sonance OptiLinQ IR Learner is simple and straightforward. Follow these steps to capture remote control infrared codes and archive them in the Infrared Library Manager software from within the Sonance Navigator Program Manager software:

1. Open the Navigator Program Manager and the Infrared Library Manager programs on your PC. If you do not have the software installed, a copy can be downloaded from the Sonance website at: <http://www.sonance.com>.
2. Open the command library that you want to add the new remote control codes to (e.g. User.cml).
3. Select an existing remote control from the open command library, or create a new one using the REMOTE/NEW mode.

Note: If you want to create a new remote, please consult the Navigator Program Manager manual.

4. Connect the OptiLinQ IR Learner to your PC using the included standard USB cable.
5. Place the OptiLinQ IR Learner on a flat surface next to your PC.
6. Place the remote control to be captured directly in front of the OptiLinQ IR Learner. The front of the remote should be 3 to 6 inches from the IR capture window.
7. Enter the CAPTURE mode within the Infrared Library Manager program.
8. Select the ALIGN function. The color of the MODE LED on the OptiLinQ IR Learner should become orange.
9. Press any button on the remote control and verify that the SIGNAL LED on the OptiLinQ IR Learner flashes red. This step also allows the frequency of the remote control’s infrared carrier to be measured.

Important: Step 9 must be repeated every time before a new remote is captured or whenever you enter the CAPTURE mode.

10. Select the LEARN function. The color of the MODE LED on the OptiLinQ IR Learner should become green.
11. Press and hold the button on the remote control that matches the function which is highlighted in the library’s FUNCTION list. Release the button when the MODE LED on the OptiLinQ IR Learner flashes red.
12. Repeat Step 11 until all desired functions are captured into the library.

SPECIFICATIONS

Power Requirements:	Powered directly from USB port
IR Carrier Frequency Ranges:	15kHz – 460kHz, or no carrier
Operating Temperature:	+32°F to +122°F (+0°C to +50°C)
Operating Humidity:	5% to 95%, non-condensing
Dimensions (W x H x D):	2.8” x 1.3” x 4.5” (71mm x 33mm x 114mm)
Weight:	6.0 oz. (170 grams)

TECHNICAL ASSISTANCE AND SERVICE

If you any have questions about the operation or installation of this product, please call our Technical Assistance Department on any business day at (800) 582-0772 or (949) 492-7777; from 7 a.m. to 5 p.m., PST.

If your Sonance OptiLinQ IR Learner should need repair or service, contact your Sonance Authorized Dealer for help, or use the following procedure:

1. Prior to calling, note the product's model number, serial number, purchase date, and the name and address of the dealer where you purchased the product.
2. Contact our Technical Assistance Department at the above number(s) and describe the problem the unit is experiencing. If applicable, they will issue a Return Authorization Number.

IMPORTANT: YOU MUST HAVE PRIOR AUTHORIZATION TO RETURN YOUR OPTILINQ IR LEARNER TO SONANCE!

3. If you're directed to return the unit to Sonance for repair, pack the unit in its original shipping carton. If needed, you can obtain replacement packaging from us for a small charge. Note: it is best if you place the box into an additional outer "overcarton" before shipment to minimize a chance of theft in shipment. Please include a copy of the original bill of sale inside the package.
4. Contact United Parcel Service, Federal Express, or RPS to arrange prepaid (not collect) shipping. Do not use the U.S. Mail Service.

IMPORTANT: FREIGHT COLLECT SHIPMENTS WILL BE REFUSED.

5. Write the Return Authorization Number on the outside of the shipping carton.

6. Ship the packaged unit to:

Quality Assurance Department
Sonance
212 Avenida Fabricante
San Clemente, CA 92672-7531

WARRANTY COVERAGE (U.S. ONLY)

If, within two (2) years from the date shown on the bill of sale, the unit fails, due to a defect in workmanship or material, Sonance will, at its option and at no charge, repair or replace the components of such unit which prove to be defective. For this warranty to be effective, the bill of sale must show that the unit was purchased from an "Authorized Sonance Dealer" and must list the price paid. This warranty shall apply exclusively to the original purchaser and shall not apply to units purchased for industrial or commercial use.

Furthermore, this warranty shall not apply if:

- 1) Damage to the unit was caused by accident, abuse, or misuse;
- 2) The unit was opened, modified, or repaired by unauthorized personnel; or
- 3) The unit was not used as outlined in the operating instructions.

EXCLUSIONS AND LIMITATIONS

The warranty set forth above is in lieu of all other warranties, express or implied, of merchantability, fitness for a particular purpose, or otherwise. The warranty is limited to Sonance products registered herein and specifically excludes any damage to loudspeakers and other allied or associated equipment which may result for any reason from use with this product. Sonance shall, in no event, be liable for incidental or consequential damages arising from any breach of this warranty or otherwise. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

©2004 Sonance. All rights reserved.
Sonance and Sonance OptiLinQ are trademarks of Sonance.

Sonance • 212 Avenida Fabricante • San Clemente, CA 92672-7531, USA • (800) 582-7777 or (949) 492-7777 • FAX: (949) 361-5151 • Technical Support: (800) 582-0772

www.sonance.com

33-3504 10/04

All specifications are subject to change without notice.