



KRAMER ELECTRONICS LTD.

USER MANUAL

MODEL:

SPK-W612

On-Wall Speakers

P/N: 2900-300117 Rev 2

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1 Introduction

Welcome to Kramer Electronics! Since 1981, Kramer Electronics has been providing a world of unique, creative, and affordable solutions to the vast range of problems that confront the video, audio, presentation, and broadcasting professional on a daily basis. In recent years, we have redesigned and upgraded most of our line, making the best even better!

Our 1,000-plus different models now appear in 11 groups that are clearly defined by function: GROUP 1: Distribution Amplifiers; GROUP 2: Switchers and Matrix Switchers; GROUP 3: Control Systems; GROUP 4: Format/Standards Converters; GROUP 5: Range Extenders and Repeaters; GROUP 6: Specialty AV Products; GROUP 7: Scan Converters and Scalers; GROUP 8: Cables and Connectors; GROUP 9: Room Connectivity; GROUP 10: Accessories and Rack Adapters and GROUP 11: Sierra Products.

Congratulations on purchasing your Kramer **SPK-W612** *On-Wall Speakers*, which are ideal for:

- Home theater sound systems
- Multimedia systems

The package includes:

- **SPK-W612** *On-Wall Speakers*
- Mounting brackets
- This user manual

2 Getting Started

We recommend that you:

- Unpack the equipment carefully and save the original box and packaging materials for possible future shipment
- Review the contents of this user manual
Use Kramer high performance high resolution cables



Go to <http://www.kramerelectronics.com> to check for up-to-date user manuals, application programs, and to check if firmware upgrades are available (where appropriate).

2.1 Achieving the Best Performance

To achieve the best performance:

- Use only good quality connection cables to avoid interference, deterioration in signal quality due to poor matching, and elevated noise levels (often associated with low quality cables)
- Avoid interference from neighboring electrical appliances that may adversely influence signal quality
- Position your Kramer Speakers away from moisture, excessive sunlight and dust

3 Overview

The **SPK-W612** includes a pair of high performance speakers that can be mounted on the wall vertically or horizontally. The mounting brackets are made of hardened steel that can be attached to each speaker, letting you rotate each speaker to the left or right.

3.1 Defining the SPK-W612

This section defines the **SPK-W612**:

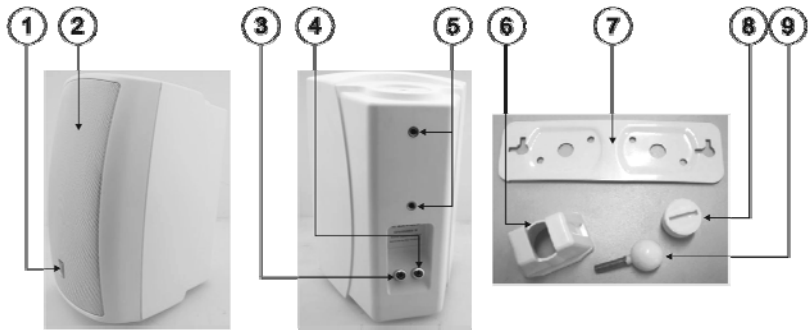


Figure 1: SPK-W612

#	Feature	Function
1	Kramer Logo	Gently pull the spring-loaded logo to set it to the horizontal position if the speakers are mounted horizontally
2	Speaker Grille	Do not remove from the speakers
3	Screw Type Input Port	Negative (black) Connect to the negative stereo analog audio output of the receiver
4		Positive (red) Connect to the positive stereo analog audio output of the receiver
5	Threaded holes (2)	Used for the mounting bracket
6	Fixture (2)	
7	Fixed bracket	
	ABS screw (2)	
	Ball (2)	

4 Installing the SPK-W612

This section explains how to:

- Choose the best location for your speakers (see [Section 4.1](#))
- Install the speaker wires (see [Section 4.2](#))
- Install the mounting brackets (see [Section 4.3](#))

4.1 Choosing the Best Location

Before installing the speakers:

- Experiment by placing the speakers in different locations before finally deciding on the most suitable location
- Be sure that the wall type is appropriate for the mounting brackets, that is, either solid wood, bricks, concrete, hollow building blocks, or wood studs. You cannot mount the brackets on gypsum walls
- Check that the mounting location is free of obstructions, such as electrical piping, AC ducts or water lines, and so on

4.2 Installing the Speaker Wires

To install the speakers, do the following:

1. Prepare the wires for the speakers:
 - Use two stranded 16-gauge speaker wires of similar length (for achieving high quality sound)
It is recommended to use the Kramer **BC-2S** cables
 - Measure the length to reach from each speaker to the receiver, adding some access wire length to let you easily remove the speakers from the bracket without having to disconnect the input wires
2. Strip the ends of the wires approximately 3/8 inch.
3. Pass the speaker wires through the round hole in the mounting bracket.

4. Unscrew the negative (black) screw-type connector, insert the wire from the negative terminal on the receiver, and retighten.
5. Unscrew the positive (red) screw-type connector, insert the wire from the positive terminal on the receiver, and retighten.
6. Insert the brackets (see [Section 4.3](#))

4.3 Installing the Mounting Bracket

To install the mounting brackets, as illustrated in [Figure 2](#), do the following:

1. Insert the ballmount into the fixture (see [Figure 2A](#)).
2. Insert the ABS screw mount into the fixture over the ball mount (see [Figure 2B](#)).
3. Using the bracket, or any metal piece, tighten the ABS screw.
4. Screw the fixture into the two threaded holes on the speaker (see [Figure 2C](#)).
5. Place the metal bracket on the two fixtures, insert the four bracket screws and tighten (see [Figure 2D](#)).

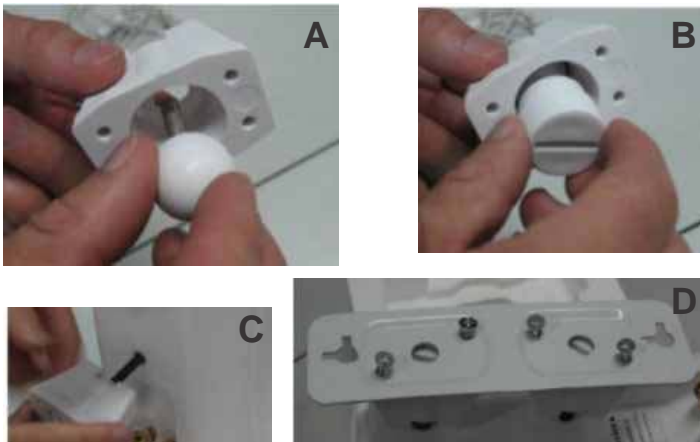


Figure 2: Installing the Fixed Bracket

4.3.1 Installing the Mounting Bracket onto the Wall

To install the bracket onto the wall, do the following:

1. Mark the location of the mounting holes.
2. Screw mounting screws (not included in the package) into the mounting holes.
3. Slide the mounting bracket over the mounting screws so that the mounting bracket is secured to the surface.

5 Technical Specifications

FREQUENCY RESPONSE:	30Hz to 20kHz
WOOFER:	6.5" (165mm) rubber surround
TWEETER:	25mm polypropylene
PASSIVE:	27mm piezo dome
SENSITIVITY:	88dB (2.83V @ 1 meter)
NOMINAL IMPEDANCE:	8 Ω
POWER HANDLING:	80Watts RMS to 120 Watts (IPP) Power handling is based on the amplifier volume never being set above the point of audible distortion
DIMENSIONS:	19.3cm x 18.8cm x 25.98cm (7.6" x 7.4" x 10.23"), W, D, H
WEIGHT:	One speaker: 2.6kg (5.7lbs) approx. Shipping weight: (for pair): 5.6kg (12.3lbs) approx.
ACCESSORIES:	Two mounting brackets (fixed and rotating)
Specifications are subject to change without notice at http://www.kramerelectronics.com	

LIMITED WARRANTY

The warranty obligations of Kramer Electronics for this product are limited to the terms set forth below:

What is Covered

This limited warranty covers defects in materials and workmanship in this product.

What is Not Covered

This limited warranty does not cover any damage, deterioration or malfunction resulting from any alteration, modification, improper or unreasonable use or maintenance, misuse, abuse, accident, neglect, exposure to excess moisture, fire, improper packing and shipping (such claims must be presented to the carrier), lightning, power surges, or other acts of nature. This limited warranty does not cover any damage, deterioration or malfunction resulting from the installation or removal of this product from any installation, any unauthorized tampering with this product, any repairs attempted by anyone unauthorized by Kramer Electronics to make such repairs, or any other cause which does not relate directly to a defect in materials and/or workmanship of this product. This limited warranty does not cover cartons, equipment enclosures, cables or accessories used in conjunction with this product.

Without limiting any other exclusion herein, Kramer Electronics does not warrant that the product covered hereby, including, without limitation, the technology and/or integrated circuit(s) included in the product, will not become obsolete or that such items are or will remain compatible with any other product or technology with which the product may be used.

How Long Does this Coverage Last

One year as of this printing; please check our Web site for the most current and accurate warranty information.

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Only the original purchaser of this product is covered under this limited warranty. This limited warranty is not transferable to subsequent purchasers or owners of this product.

What Kramer Electronics will do

Kramer Electronics will, at its sole option, provide one of the following three remedies to whatever extent it shall deem necessary to satisfy a proper claim under this limited warranty:

1. Elect to repair or facilitate the repair of any defective parts within a reasonable period of time, free of any charge for the necessary parts and labor to complete the repair and restore this product to its proper operating condition. Kramer Electronics will also pay the shipping costs necessary to return this product once the repair is complete.
2. Replace this product with a direct replacement or with a similar product deemed by Kramer Electronics to perform substantially the same function as the original product.
3. Issue a refund of the original purchase price less depreciation to be determined based on the age of the product at the time remedy is sought under this limited warranty.

What Kramer Electronics will not do Under This Limited Warranty

If this product is returned to Kramer Electronics or the authorized dealer from which it was purchased or any other party authorized to repair Kramer Electronics products, this product must be insured during shipment, with the insurance and shipping charges prepaid by you. If this product is returned uninsured, you assume all risks of loss or damage during shipment. Kramer Electronics will not be responsible for any costs related to the removal or re-installation of this product from or into any installation. Kramer Electronics will not be responsible for any costs related to any setting up this product, any adjustment of user controls or any programming required for a specific installation of this product.

How to Obtain a Remedy under this Limited Warranty

To obtain a remedy under this limited warranty, you must contact either the authorized Kramer Electronics reseller from whom you purchased this product or the Kramer Electronics office nearest you. For a list of authorized Kramer Electronics resellers and/or Kramer Electronics authorized service providers, please visit our web site at www.kramerelectronics.com or contact the Kramer Electronics office nearest you.

In order to pursue any remedy under this limited warranty, you must possess an original, dated receipt as proof of purchase from an authorized Kramer Electronics reseller. If this product is returned under this limited warranty, a return authorization number, obtained from Kramer Electronics, will be required. You may also be directed to an authorized reseller or a person authorized by Kramer Electronics to repair the product.

If it is decided that this product should be returned directly to Kramer Electronics, this product should be properly packed, preferably in the original carton, for shipping. Cartons not bearing a return authorization number will be refused.

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Your rights under this limited warranty are not diminished if you do not complete and return the product registration form or complete and submit the online product registration form. Kramer Electronics thanks you for purchasing a Kramer Electronics product. We hope it will give you years of satisfaction.



For the latest information on our products and a list of Kramer distributors, visit our Web site where updates to this user manual may be found.

We welcome your questions, comments, and feedback.

Web site: www.kramerelectronics.com

E-mail: info@kramerel.com



SAFETY WARNING

Disconnect the unit from the power supply before opening and servicing