

KRELL

THE LEADER IN AUDIO ENGINEERING

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KRELL B&W 800 SERIES BASS ALIGNMENT FILTER OWNER'S REFERENCE

A. INTRODUCTION

Welcome to the Krell family of audio components. You have joined a select group of discriminating listeners who enjoy the finest in music reproduction.

The Bass Alignment Filter is a product designed by KRELL for use with the B&W Loudspeaker 800 Series products. It was created with parameters and specifications provided by Bowers and Wilkins, Ltd.

This Owner's Reference is designed to guide you to a successful installation of your new Krell B&W 800 Series Bass Alignment Filter. To obtain the best performance from your B.A.F. careful attention should be paid to its placement, installation and operation. A thorough understanding of these details will help insure satisfactory operation and long life for the B.A.F. and related system components. Should you have any questions or suggestions please feel free to contact your authorized dealer or the KRELL staff for assistance.

In the unlikely event that your B.A.F. should require service you will be pleased to know that it is backed by a comprehensive Customer Satisfaction policy and one of the most advanced service facilities in the industry. For detailed information on the terms and conditions of service please consult your warranty registration card or your authorized KRELL Distributor.

B. BASIC INSTALLATION AND CONNECTIONS

1. Open the box and remove the top layer of foam. The following items will now be visible:

- 1 Bass Alignment Filter
- 1 AC power cord
- 1 packet containing the Owners Reference and Warranty Registration Card

Note: If any of these items are not included please contact your authorized dealer immediately for assistance.

2. Remove the unit from the box and remove its protective plastic wrap.

3. Set the internal switches for your B&W loudspeaker with the instructions provided below.

The KRELL Bass Alignment Filter is adjustable for any B&W 800 Series loudspeaker. Internal dip switches set the filtration network for different models. A diagram describing the switch positions is provided.

C. SETTING THE INTERNAL SPEAKER SELECTION SWITCHES

CAUTION: Make sure the power cord is not connected to the AC receptacle.

The Krell B.A.F. is designed for B&W 800 series loudspeakers only and will not operate properly if used with other loudspeaker systems.

1. Remove the 10 screws from the top cover and remove the cover.

2. Looking down at the unit from the front, the adjustment switches are located in the front-center and front-left corner of the PC board.

Set the dip switch positions according to the supplied diagram for your B&W loudspeaker. Make sure the switches are all the way over to the selected side and not resting between the number and Open positions.

3. Put the top cover back on the unit and insert the 10 screws.

Notes regarding balanced operation:

If you are using two B.A.F.s in balanced operation both units' internal switch settings must be the same.

When two B.A.F. are connected for balanced operation they automatically utilize the balanced circuitry without adjustment of the units.

D. CONNECTIONS

Caution: When making connections to this component or any other always make sure the power amplifier is OFF and the preamplifier is in the Mute or standby mode.

Install the unit(s) on a clean, level surface away from excessive heat or moisture.

The Krell B.A.F. can be connected to your system in four different configurations. Connection details of the four options are presented below. Follow the instructions that are appropriate for your system.

1. Single unit, single-ended between preamplifier and amplifier(s)

Connect the single-ended output of your preamplifier to the input of the B.A.F. Connect the output of the B.A.F. to the single-ended input on your power amplifier(s).

Operate your system in the same manner as before the B.A.F was installed.

2. Single unit, single-ended, through the preamplifier tape loop

Connect the Tape outputs of your preamplifier to the inputs of the B.A.F. Connect the outputs of the B.A.F. to the Tape inputs of your preamplifier. Be sure to maintain correct left and right channel connections.

When listening to the B&W speakers, the Tape Monitor should be set to the position corresponding to the output return from the B.A.F. The Input Selector is used to select a source for listening.

Caution: In this configuration the Input Selector must not be set to the input connected to the B.A.F. output. As with any tape recorder or surround processor, this will create a feedback loop that can cause a squeal. At high volume settings this could potentially damage the loud speakers.

3. Dual units, balanced, between preamplifier and amplifier(s)

Connect the left channel balanced output of your preamplifier to the balanced input on the left channel B.A.F. Connect the balanced output of the left B.A.F. to the left balanced input of the power amplifier. Do the same for the right channel.

Operate your system in the same manner as before the B.A.F.s were installed.

4. Dual units, balanced or single-ended, through the preamplifier tape loop

Connect the left channel Tape output of your preamplifier to the input of the left channel B.A.F. Do the same for the right channel. Connect the output of the left channel B.A.F. to the left channel Tape 1 or 2 input of your preamplifier. Do the same for the right channel.

When listening to the B&W speakers, the Tape Monitor should be set to the position corresponding to the output return from the B.A.F. The Input Selector is used to select a source for listening.

Caution: With this configuration the Input Selector must never be set to the input connected to the B.A.F. output. This will create a feedback loop that can damage other system components.

5. After double-checking the input/output connections, connect the power cord to the B.A.F.(s) and the other end to an AC outlet. The unit(s) is now powered and operational.

There is no ON/OFF switch on the B.A.F. It was designed to be left on at all times. The unit will draw less than 10 watts from the AC powerline.

6. Turn the other system components on, remembering that the amplifier is always the last component to be energized.

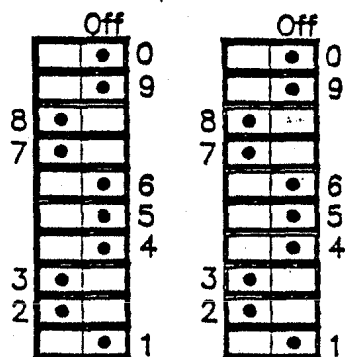
7. Enjoy

E. WARRANTY AND SERVICE INFORMATION

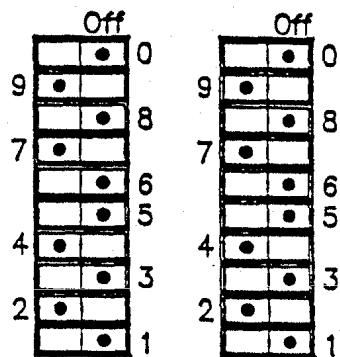
There are no user-serviceable parts inside the KRELL B&W 800 series Bass Alignment Filter. The B.A.F. has a limited warranty of five years parts and labor on electronic parts including return freight. The warranty period begins on the date of purchase and is activated with the return of the enclosed Warranty Card and a copy of the Sales receipt. Please return the completed Warranty Card immediately after successful installation and operation are completed.

The warranty for Krell products is valid only in the country to which they were originally shipped and at the factory. If you think there are problems with your unit please contact your dealer, distributor or the factory immediately.

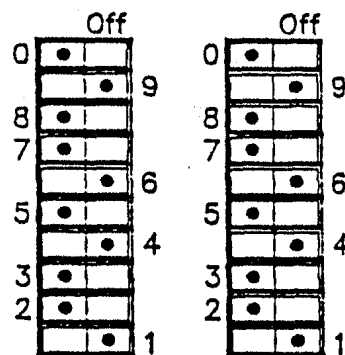
Please do not return any unit to KRELL for repair without first calling to discuss the problem and to obtain a Return Authorization number. Freight to the factory or distributor is your responsibility. Return freight to you will be paid by the factory or distributor.



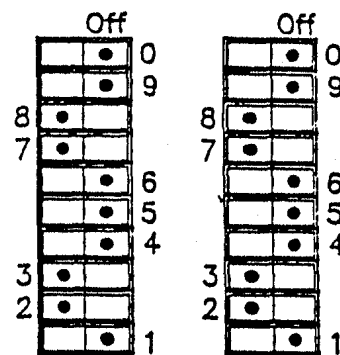
Matrix 800



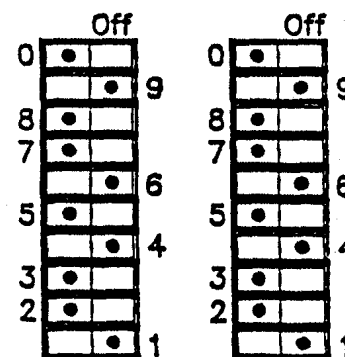
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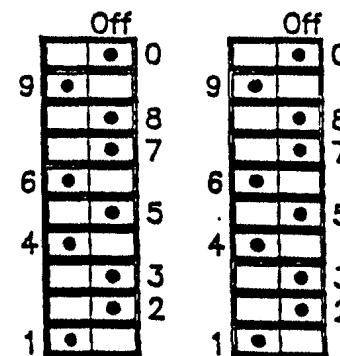
Matrix 802



Matrix 803



Matrix 804



Matrix 805