



Owner's Manual

DB 402, DB 462, DB 502, DB 572, DB 5252,
DB 652, DB 692, DB 6502

Getting Started

Please inspect your loudspeakers carefully. Notify your Polk dealer if you notice any damage or missing items. Keep the carton and packing material; this will do the best job of protecting your loudspeakers if they must be transported.

Safe Limits of Operation

Damage to loudspeakers can occur when an amplifier, regardless of its wattage, is made to play at higher listening levels than it can produce at low distortion levels. This is usually beyond the “noon or 1 o’clock” position on the volume control. Operation at this level can result in very high levels of audible distortion originating in the amplifier, which can add a harsh, gritty sound to your listening material. Contrary to popular belief, a loudspeaker is more likely to be damaged by trying to get too much volume from a low-powered amplifier or receiver than from a high-powered one.

Technical Assistance or Service

If, after following the hookup directions, you experience difficulty, please double-check all wire connections. Should you isolate the problem to the loudspeaker, contact the authorized Polk dealer where you made your purchase, or contact Polk Customer Service 800-377-7655 (M-F, 9-5:30 EST, US only) or via email polkcs@polkaudio.com. Outside the US, call 410-358-3600. More detailed information—including audio how-to articles, FAQs, and online manuals—is available on our website www.polkaudio.com.



Product Disposal - Certain international, national and/or local laws and/or regulations may apply regarding the disposal of this product. For further detailed information, please contact the retailer where you purchased this product or the Polk Importer/Distributor in your country. A listing of Polk Importer/ Distributors can be found on the Polk website www.polkaudio.com or by contacting Polk at 1 Viper Way, Vista, California 92081 USA—
Phone: +1 800-638-7276.

Wiring Diagrams

Figure 1

Basic coaxial connection

Figura 1

Conexión coaxial básica

Figure 1

Connexion d'un hautparleur coaxial

Abbildung 1

Einfache koaxialverbindung

Figura 1

Connessione coassiale di base

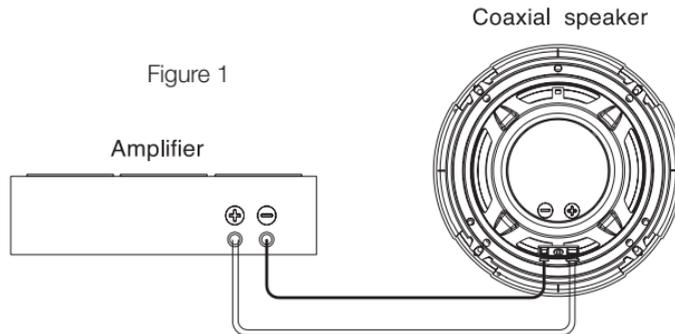


Figure 2

Basic component connection installing DB 5252, DB 6502

Figura 2

Conexión de componentes básicos instalación de DB 5252, DB 6502

Figure 2

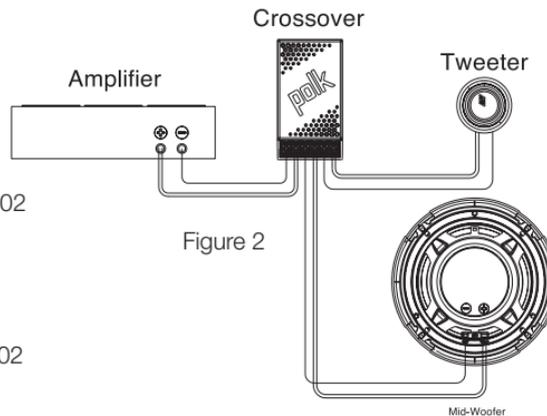
Connexion de composant installation: DB 5252, DB 6502

Abbildung 2

Einfache komponentenverbindung installation von DB 5252, DB 6502

Figura 2

Connessione componenti di base installazione del DB 5252, DB 6502



Installation Guide

Figure 3

Installing DB 402, DB 522, DB 652, DB 5252 & DB 6502 round models

Figura 3

Instalación de los modelos redondos DB 402, DB 522, DB 652, DB 5252 & DB 6502

Figure 3

Installation: DB 402, DB 522, DB 652, DB 5252 & DB 6502 modèles ronds

Abbildung 3

Installation von DB 402, DB 522, DB 652, DB 5252 & DB 6502 runde modelle

Figura 3

Installazione del DB 402, DB 522, DB 652, DB 5252 & DB 6502 modelli circolari

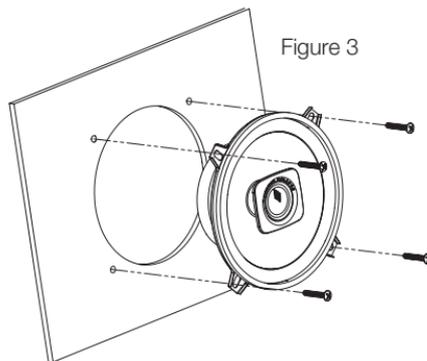


Figure 4

installing DB 402, DB 522, DB 652, DB 5252 & DB 6502 round models with grille

Figure 4

installation: DB 402, DB 522, DB 652, DB 5252 & DB 6502 avec grille

Figura 4

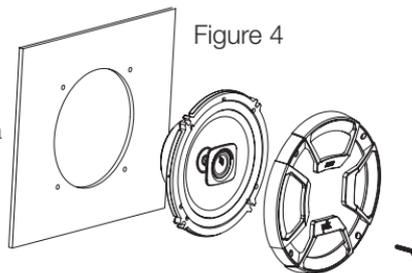
instalación del modelo DB 402, DB 522, DB 652, DB 5252 & DB 6502 con rejilla

Abbildung 4

installation von DB 402, DB 522, DB 652, DB 5252 & DB 6502 mit grillin

Figura 4

installazione del DB 402, DB 522, DB 652, DB 5252 & DB 6502 con griglia



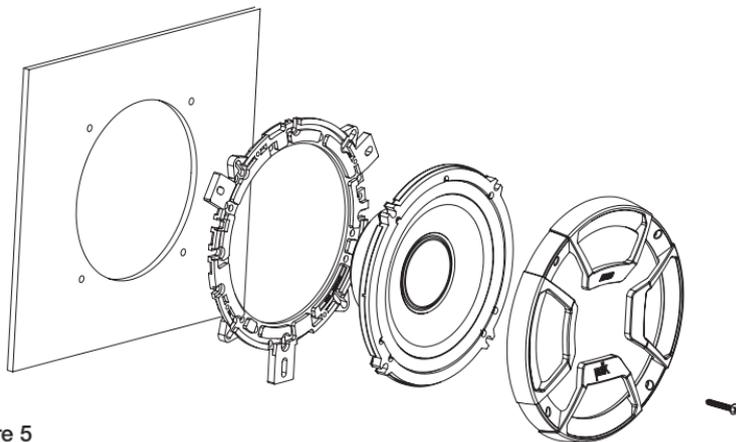


Figure 5

Installing DB 652, DB 6502 with grille: some applications may require using the additional spacer/adaptor bracket.

Figure 5

Installation: DB 652, DB 6502 avec grille en certains cas, un support adaptateur-espaisseur pourrait être requis.

Figura 5

Instalación de los modelos DB 652, DB 6502 con rejilla algunas aplicaciones pueden requerir el soporte espaciador/adaptador adicional

Figure 5

spacer/adaptor bracket (for DB 652 / DB 6502 installation only)

support adaptateur-espaisseur (pour l'installation des transducteurs DB 652 / DB 6502 seulement)

soporte espaciador/adaptador (solamente para la instalación de los excitadores DB 652 / DB 6502)

abstandsring-adapter (nur für die DB 652 / DB 6502-treiber-installation)

staffa di adattamento/distanziatrice (solo per l'installazione del driver DB 652 / DB 6502)

Abbildung 5

Installation von DB 652, DB 6502 mit grillin manchen fällen muss ein zusätzlicher abstandsring adapter verwendet werden.

Figura 5

Installazione del DB 652, DB 6502 con griglia in alcuni casi può essere necessario adoperare la staffa di adattamento/ distanziatrice.

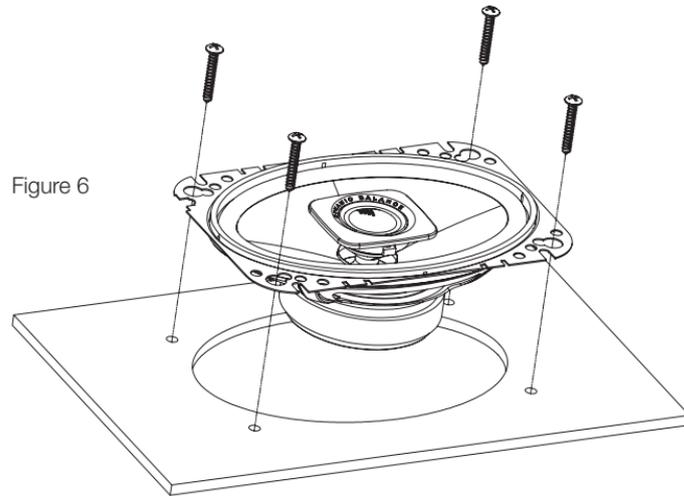


Figure 6

Figure 6
Installing DB 462 & DB 572 oval models

Figure 6
Installation: DB 462 & DB 572 modèles ovales

Figura 6
Instalación de los modelos ovalados DB 462 & DB 572

Abbildung 6
Installation von DB 462 & DB 572 ovale modelle

Figura 6
Installazione del DB 462 & DB 572 modelli ovali

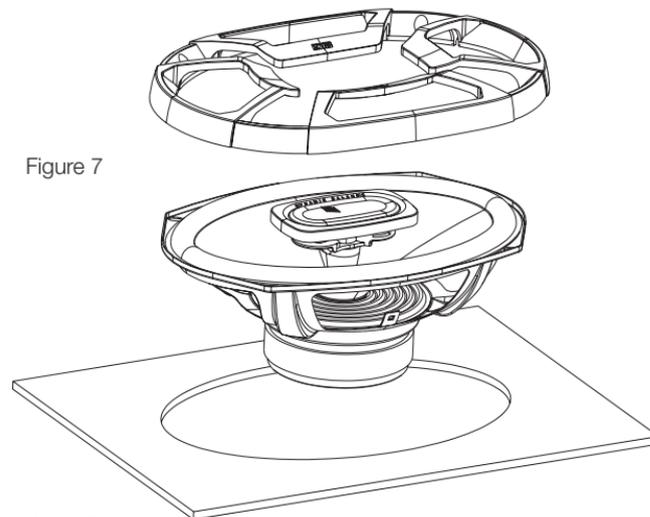


Figure 7

Figure 7
Installing DB 692 oval model with grille

Figure 7
Installation: DB 692 modèles ovale avec grille

Figura 7
Instalación de los modelos ovalado DB 692 con rejilla

Abbildung 7
Installation von DB 692 ovales modell mit grill

Figura 7
Installazione del DB 692 modello ovale con griglia

Figure 8

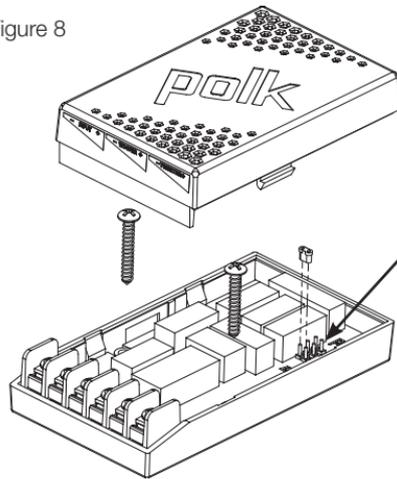


Figure 8

Crossover mounting allow for ventilation clearance.

Figure 8

Montage du séparateur assurez un dégagement suffisant pour la ventilation.

Tweeter Attenuation Jumper
Tweeter qui atténue le câble de liaison
Puente para atenuar el altavoz de agudos
Die Hochtöner-Dämpfungsbrücke
Il jumper dell'attenuazione del tweeter

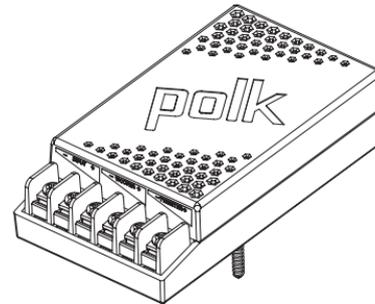


Figura 8

Montaje de crossover deje espacio para la ventilación.

Abbildung 8

Crossover-installation lassen sie freiraum zur lüftung.

Figura 8

Fissaggio del crossover lasciare spazio sufficiente per la circolazione dell'aria.

Figure 9 (DB5252)

Tweeter attenuation switch a 3-position switch (0db, +3db, +6db) allows you to adjust tweeter level for the tonal balance thats right for your car and system.

Figure 9 (DB5252)

Commutateur d'attenuation du tweeter un commutateur à trois positions (0db, +3db, +6db) vous permet d'ajuster le niveau du tweeter selon vos préférences et l'acoustique de votre voiture.

Figura 9 (DB5252)

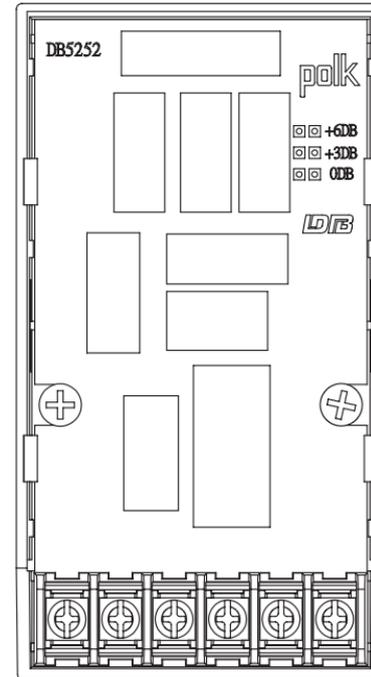
Selector de atenuacion de tweeter. El selector de 3 posiciones (0db, +3db, +6db) permite ajustar el nivel de tweeter a fin de producir el balancetonal correcto para su automóvil y su sistema.

Abbildung 9 (DB5252)

Hochtönerabschwachungs-schalter dieser schalter mit 3 positionen (0db, +3db, +6db) ermöglicht es Ihnen, den Hochtönerpegel auf den für Ihr auto und Ihr system richtigen Wert einzustellen.

Figura 9 (DB5252)

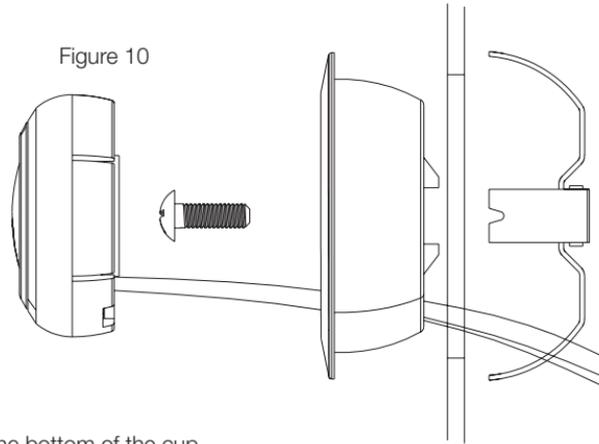
Comando di attenuazione tweeter un selettore a tre posizioni (0db, +3db, +6db) permette di regolare il livello del tweeter per ottenere il bilanciamento dei toni adatto all'autoveicolo e all'impianto.



DB 5252, DB 6502

Figure 10 Flush mount tweeter mounting

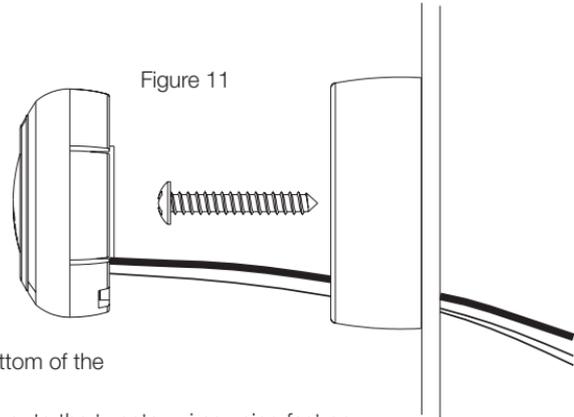
1. Check for proper clearance:
The flush mount kit is 1" (26mm) deep.
2. Mark the center of the spot and cut a 2" (50.8mm) diameter hole using a hole saw, drill bit or razor knife.
3. Assemble the cup, clamp and machine screw loosely as shown.
4. Route wires through the round opening in the bottom of the cup.
5. Press the assembly into the 2" (50.8mm) diameter hole until the clamp edge is below the mounting surface, then tighten the screw. The legs of the clamp can be bent outward by inserting a screwdriver through the holes in the cup while still mounted.
6. Connect wires from the tweeter terminals of the Crossover to the tweeter itself using the faston connectors. Connect the red wire from the (+) terminal of the Crossover tweeter output to the red (+) wire from the tweeter.
7. Mount the tweeter by snapping it into the mounting cup.



DB 5252, DB 6502

Figure 11 Surface mount tweeter mounting

1. Using the base of the surface mount cup as a template, mark the screw hole and drill them using a 1/8" (3mm) drill bit. Drill a second hole (for the speaker wire) using a 3/16" (5mm) drill bit.
2. Screw surface mount cup to the panel.
3. Push the tweeter wires through the open area at the bottom of the cup and through the 3/16" (5mm) hole in the panel.
4. Connect wires from the tweeter terminals of the Crossover to the tweeter wires using fast on connectors. Be sure to connect the red wire strand from the tweeter to the (+) terminal of the crossover tweeter output.
5. Mount the tweeter by snapping it into the mounting cup.



DB Plus series coaxial and component systems specifications

	DB 402	DB 522	DB652	DB 462	DB572	DB692	DB 5252	DB 6502
Type	4" coaxial	5.25" coaxial	6.5" coaxial	4" x 6" coaxial	5" x 7" coaxial	6" x 9" three way	5.25" component	6.5" component
Driver Complement (inches & mm)	4" 101.60 mm	5.25" 133.35 mm	6" 152.4 mm	4" x 6" 101.6 mm x 152.4 mm	5" x 7" 127 mm x 177.8 mm	6" x 9" 152.4 mm x 228.6 mm	5.25" 133.35 mm	6" 152.4 mm
Tweeter complement (inches & mm)	0.75" 20 mm	0.75" 20 mm	0.75" 20 mm	0.75" 20 mm	0.75" 20 mm	0.75" + 0.5" 20 mm + 13 mm	0.75" 20 mm	0.75" 20 mm
Mounting dimensions	110.8	139.8	155.2	78.4 x 133	107.5 x 128	120.1 x 162.3	139.8	155.2
Mounting depth (top)	7	7.7	11.3	4	8.4	16.8	7	10.8
Mounting depth (bottom)	46	45	45.5	46	57	82	45	45.5

	DB 402	DB 522	DB652	DB 462	DB572	DB692	DB 5252	DB 6502
Peak Power handling	90	90	120	80	120	250	200	200
Continuous Power handling	45	45	60	40	60	125	100	100
Nominal Impedance (ohm)	4	4	4	4	4	4	4	4
Frequency response (Hz)	107-20K	90-20K	75-20K	110-20K	70-20K	55-20K	85-20K	70-20K
Grille height	14.07	17.55	20	n/a	n/a	22.94	17.55	20
Sensitivity (dB)	88	91	91	90	92	91	89	90

Limited Warranty

Polk Audio, Inc. warrants the original purchaser only that this Polk DB Product (the Product) will be free from defects in materials and workmanship for a period of (1) one year from the date of original retail purchase from a Polk Authorized Dealer. However, this warranty will automatically terminate prior to the expiration of the (1) one year period if the original retail purchaser sells or otherwise transfers the Product to any other party. The original retail purchaser shall herein after be referred to as "you." To allow Polk to offer the best possible warranty service, please fill out the Product Registration Card(s) and send them to the Factory at the address provided in the Registration Card within (10) ten days of the date of purchase.

Defective Products must be shipped, together with a proof of purchase, prepaid insured to the Authorized Polk Dealer from whom you purchased the Product, or to 1 Viper Way, Vista, California 92081. Products must be shipped in the original shipping container or its equivalent; in any case the risk of loss or damage in transit is to be borne by you.

If, upon examination at the Factory or Polk Authorized Dealer it is determined that the unit was defective in materials or workmanship at any time during the Warranty period, Polk or the Polk Dealer will, at its option, repair or replace this Product at no additional charge, except as set forth below. All replaced parts and Products become property of Polk. Products replaced or repaired under this Warranty will be returned to you, within a reasonable time, freight prepaid.

This Warranty does not include service or parts to repair damage caused by accident, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage inputs in excess of the rated maximum of the unit, cosmetic appearance of the cabinetry not directly attributable to defects in materials or workmanship, or service, repair, or modifications of the Product which has not been authorized or approved by Polk.

This Warranty is in lieu of all other expressed Warranties.

If this Product is defective in materials and workmanship as warranted above, your sole remedy shall be repair or replacement as provided above. In no event will Polk Audio, Inc. be liable to you for any incidental or consequential damages arising out of the use or inability to use the Product, even if Polk Audio, Inc. or a Polk Dealer has been advised of the possibility of such damages, or any other claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply to you. This Warranty gives you specific legal rights which may vary from state to state.

This warranty applies only to Products purchased in the United States of America, its possessions, and U.S. and NATO armed forces exchanges and audio clubs. The Warranty terms and conditions applicable to Products purchased in other countries are available from the Polk Authorized Distributors in such countries.

polk

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