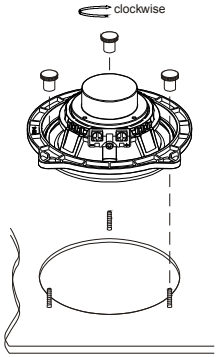
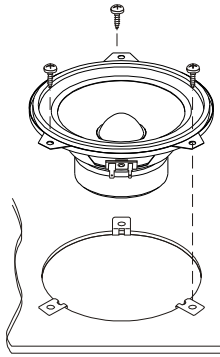


Woofer Installation:

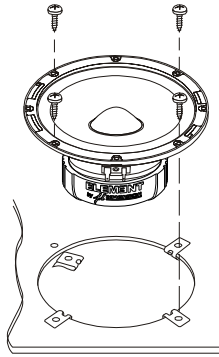
EL COAX 4B / EL COMP 4B



EL COMP 6B

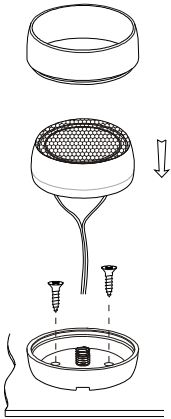


EL COMP 6V

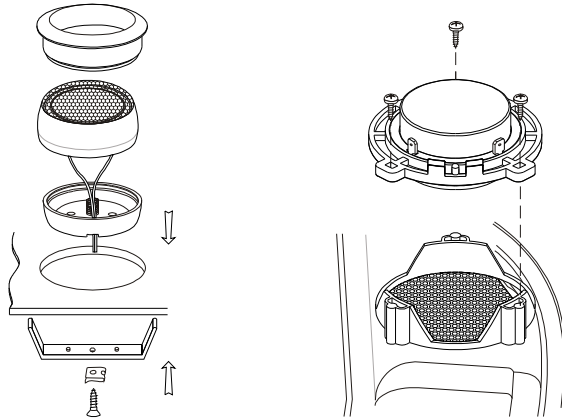


Tweeter Installation:

EL COMP 4B / EL COMP 6B



EL COMP 6V



manufactured for



A Division of CHPW
Friedrich-Ebert-Str. 42
D-92637 Weiden / Germany

www.u-dimension.eu



ELEMENT

OWNER'S MANUAL

Models: EL COAX 4B / EL COMP 4B / EL COMP 6B / EL COMP 6V

Introduction

Congratulations on your purchase of μ Dimension ELEMENT series Automotive Loudspeakers! They have been built to meet the same rigorous standards of construction and performance that have long established our renowned home and professional speaker systems.

This manual has been designed to make ELEMENT Automotive Loudspeaker installation and ownership as trouble-free as possible. Please read through this manual completely before attempting any installation steps and familiarize yourself with your new speaker system.

You will need your purchase receipt as proof of purchase for any and all warranty repairs and for insurance purposes. Keep your receipt, owner's manual, and packing materials in a safe location for possible future use.

Pre-Installation Instructions

It is recommended that you have your new ELEMENT series Automotive Loudspeakers professionally installed by your authorized ELEMENT dealer. This will ensure the use of proper installation techniques and materials, and will save much time and effort. If you choose to perform your own installation, the following instructions will give you ELEMENT series direction toward making your purchase complete. Read the following information and precautions carefully. **Failure to follow the stated precautions may result in personal injury and/or damage the audio system or vehicle.**

A. Always make sure the speaker will easily fit into the intended mounting location and that there is adequate cavity depth to accept the magnet structure.

B. Check for adequate clearance between speaker and window, window crank, power window mechanism, seat, glove box, rear deck torsion bars, and other items which may interfere with the speaker's mounting. This is especially important if any hole cutting is required. complete speaker, mounting size and depth requirements can be found at the end of this manual. A good way to confirm speaker place meet on a door or body panel is to place the speaker's die cast mounting ring onto the surface. Check for a flat mounting surface, free from all obstruction.

C. The method of installation chosen and level of execution will effect the overall performance of the speaker system. Treat each installation step with a high degree of attention.

D. Do not mount the speaker where water may splash the woofer cone. A plastic cup or some heavy gauge plastic sheeting may be needed in some locations that are exposed to moisture from behind the body panel.

E. Care must be taken to prevent low frequency cancellation caused by air leakage between the front and rear of the speaker (such as when mounted on a curved or uneven surface, or when mounted in an oversized hole).

F. Mounting panel reinforcement may be necessary in some cases in order to prevent surface flex. This can be achieved by mounting the speaker on a metal or wooden sub-baffle behind the body or door panel. Consult an installation specialist for further direction.

G. Unless you are replacing existing speakers of same size, mounting locations will have to be cut into the doors, body panels, or rear deck. In some cases speaker mounting holes will be precut in the doors, body panels, or rear deck steel. Due to their structural integrity and accessibility. These precut mounting holes should be used whenever possible.

IMPORTANT: Never cut any metal that is an integral part of an automobile's safety or structural support system.

ELEMENT Speaker Installation

NOTE: μ Dimension strongly recommends that you operate the complete audio system at low volume before final installation of your ELEMENT Automotive Loudspeakers. This will allow a trial listening test before securing the loudspeakers into their mounting locations.

CAUTION: Make sure that all speaker wiring is fully protected from cutting or wear. Any short circuits developing as a result could severely damage the radio unit or amplifier. Make sure that all speaker wires easily reach the speaker terminals with stress on the wire or connectors.

General Features

EL COAX 4B

High Performance 4" 2 Way BMW Coaxial Speaker

BMW 100mm ABS basket, resonance free solid screw terminal. Strong neodymium magnet and solid screw terminal connection 4" ELEMENT P.P. cone with rubber surround. BMW OEM plug & play with 20mm neodymium silk dome Tweeter.

EL COMP 4B

High Performance 4" 2 Way BMW Component system

BMW 100mm ABS basket, resonance free solid screw terminal. Strong neodymium magnet with pole piece VC cooling ventilation. 4" ELEMENT P.P. cone with phase plug dustcap at rubber surround. 25mm silk dome Tweeter with neodymium magnet, flush/surface mounts. BMW OEM plug & play crossover with tweeter protection, pre wired. Optional ELEMENT -3dB tweeter level plug & play resistor included.

EL COMP 6B

High Performance 6-3/4" 2 Way BMW Component System

BMW E46 OEM size stamped basket with voice coil cooling vents. Strong high grade magnet with pole piece voice coil cooling vent. 6-3/4" ELEMENT P.P. cone with phase plug dustcap at rubber surround. 25mm silk dome Tweeter with neodymium magnet, flush/surface mounts. BMW OEM Plug & Play crossover with tweeter protection, pre wired. Optional ELEMENT -3dB tweeter level Plug & Play resistor included.

EL COMP 6V

High Performance 6-1/2" 2 Way VW Component system

Euro DIN stamped basket, 6-1/2" ELEMENT P.P. cone with phase plug dustcap. Strong high grade magnet, protected with ELEMENT rubber cover. VW Golf 6+7 mount 25mm silk dome Tweeter with neodymium magnet. VW Golf 6+7 OEM Plug & Play crossover with tweeter protection, pre wired. VW Golf 6+7 OEM resonance free ABS installation adapters included. Optional ELEMENT -3dB tweeter level Plug & Play resistors included.

Specification:

	EL COAX 4B	EL COMP 4B	EL COMP 6B	EL COMP 6V
Woofer V.C. Diameter	25mm	25mm	25mm	25mm
Tweeter V.C. Diameter	20mm	25mm	25mm	25mm
System Impedance	4ohms	4ohms	4ohms	4ohms
Power Handling (RMS)	50W	50W	70W	70W
Power Handling (Max)	100W	120W	150W	150W
Frequency Response	100-20k Hz	100-22k Hz	60-22k Hz	60-22k Hz
Sensitivity	88dB (1W/m)	88dB (1W/m)	90dB (1W/m)	90dB (1W/m)