

# HELIX Ci3 C165.2FM-S3

## **HELIX COMPOSE. The perfect speaker for any composition.**

Born out of the increasingly demanding challenges of modern automobile technology and the HELIX-typical pursuit of intelligent solutions, we made the progressive redesign of proven universal speaker systems our mission. The result: our innovative HELIX COMPOSE platform that, according to the motto "developed inside the vehicle, for the vehicle", combines classic universal speakers with the advantages of vehicle-specific systems. Innovative materials and the latest technologies paired with smart, practical engineering - the best of both worlds in harmony: high efficiency, fantastic sound quality and enormous dynamics that fit in any vehicle. HELIX COMPOSE – universal speakers evolved.

### **Performance highlight**

The i3 coaxial systems give you everything you would expect from a great 2-way system: A first-class sound experience that, thanks to the use of high-quality materials and its particularly smart engineering, conveniently finds its way into the automobile. All components harmonize perfectly and form an ideal team with our HELIX and MATCH amplifiers, guaranteeing maximum performance and power output at all times. Furthermore, we implemented our new, mechanical technologies with a clear focus on safety during connection and operation for the purpose of creating ideal conditions for the integration into the vehicle with maximum compatibility.

### **High efficiency**

HELIX COMPOSE equals smart engineering and accordingly implements highly efficient 3 Ohm technology, that perfectly harmonizes with all HELIX and MATCH amplifiers and at the same time allows a clearly perceptible plus in efficiency and maximum sound pressure.

### **Cenosphere paper cone**

With the innovative "Cenosphere" coating, hollow spheres are incorporated into a polyamide layer that is applied to the cone. This process increases the stiffness and also optimizes its internal damping. The result is an exceptionally stable yet lightweight cone that offers outstanding precision in sound reproduction.

### **High-tech polymer basket**

All HELIX COMPOSE i7 and i3 speaker baskets are made of a high-tech polymer composite, which has been additionally reinforced with glass spheres. The result: maximum stability with minimal self-resonance, while also eliminating flux modulation of the magnetic system and maximum resistance to thermal influences. Last but not least, this allows for much more compact basket dimensions and thus simplified installations in cramped installation conditions.

### **Stunning Highs and outstanding stability**

The 0.75" / 20 mm tweeter is equipped with an innovative titanium dome that combines outstanding stability with low moving mass and high inner damping as well as enormous thermal resistance - perfectly made for brilliant and compression-free treble reproduction.

### **FlexMount165 – Universal meets car-specific**

FlexMount is a mounting system based on specially developed adaptor rings, allowing the installation of COMPOSE FlexMount speakers in an almost infinite number of vehicles. Thus, the universal loudspeaker effortlessly becomes a vehicle-specific loudspeaker, that can be easily installed in the original installation position of the vehicle in an acoustically optimized way with the matching FlexMount adaptor ring.

**[Find the right FlexMount for your car!](#)**

### **ProConnect – The new industry standard**

Our innovative ProConnect terminal is the new industry standard: A professional, automotive connector, allowing the safe use of conventional speaker cables, while also being ideally designed for connection via flat plug with our WireKits, offering maximum flexibility in the design of the sound system upgrade. Furthermore, the connection is interlocked, offers reverse polarity protection and is electrically and mechanically highly stressable.

### **WireKits – Plug & Play at its best**

Our WireKits realize the connection of HELIX COMPOSE coaxial speaker system to the original wiring harness in the most comfortable way. With manufacturing according to the high standards of the automotive industry, these arrestable adaptor cables meet all requirements for the harsh environmental conditions that installers are facing in vehicles every day.