PERFORMANCE DRIVEN PRODUCTS DESIGNED FOR AUDIO ENTHUSIASTS.

THAT WAS HEINZ FISCHER’S GOAL WHEN HE ESTABLISHED THE HELIX BRAND UNDER HIS COMPANY, AUDIOTECH FISCHER, IN 1990. AFTERTHE DEVELOPMENT OF HIGH-END HOME COMPONENTS FOR OVER 30 YEARS, AUDIOTECH FISCHER HAD ESTABLISHED A REPUTATION OF UNCOMPROMISING QUALITY BECAUSE HEINZ BELIEVES IN THE BASIC CONCEPTS OF “HANDMADE” AND “MADE IN GERMANY”.

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WE ARE PROUD TO PRESENT HELIX PRODUCTS, ENGINEERED TO PERFECTION IN GERMANY.

THE COMPANY

PERFORMANCE DRIVEN PRODUCTS DESIGNED FOR AUDIO ENTHUSIASTS.

THE BLUE SERIES DELIVERS A WELL-BALANCED MUSICAL EXPERIENCE. SETTING THE STANDARD IN ITS PRICE CLASS, THE BLUE SERIES FEATURES SOLID COMPONENTS, INCREASED POWER, AND EFFICIENT, EASY TO INSTALL PRODUCTS.

THE ESPRIT SERIES DEMONSTRATES THAT AN INTELLIGENT DESIGN CAN DELIVER EXCEPTIONAL ACOUSTIC QUALITY IN A COMPETITIVE PACKAGE. WITH OUR SMART USE OF MATERIALS, ESPRIT PRODUCTS PROVIDE IMPRESSIVE PERFORMANCE IN BOTH STANDARD AND APPLICATION SPECIFIC ENVIRONMENTS.

REGARDLESS OF WHETHER YOU LISTEN TO CLASSICAL OR THE LATEST HIP HOP, THE PRECISION SERIES REPRODUCES EVERY MUSICAL DETAIL TO THE ULTIMOST ACCURACY WITH A WIDE VARIETY OF CONFIGURATION OPTIONS AND HIGHLY DYNAMIC ACOUSTICAL CHARACTERISTICS. PRECISION SERIES PRODUCTS ARE IDEAL FOR MUSIC LOVERS WHO DEMAND FLEXIBILITY IN THEIR SYSTEM. EVERY PRODUCT IN THE COMPETITION SERIES IS DESIGNED AND HAND MADE IN GERMANY.

COMPETITION

AT THE PINNACLE OF SONIC PERFORMANCE – THE COMPETITION SERIES EMBODIES THE LEADING EDGE OF HELIX TECHNOLOGY WRAPPED IN AN ELEGANT PACKAGE. A PERFECT SYNTHESIS OF INNOVATIVE FEATURES AND HAND SELECTED MATERIALS DELIVER A REFERENCE QUALITY MUSICAL EXPERIENCE TO THE LISTENER. EVERY PRODUCT IN THE COMPETITION SERIES IS DESIGNED AND HAND MADE IN GERMANY.

PRÉCISION

REGARDLESS OF WHETHER YOU LISTEN TO CLASSICAL OR THE LATEST HIP HOP, THE ESSENTIAL SERIES REPRODUCES EVERY MUSICAL DETAIL TO THE ULTIMOST ACCURACY WITH A WIDE VARIETY OF CONFIGURATION OPTIONS AND HIGHLY DYNAMIC ACOUSTICAL CHARACTERISTICS. ESSENTIAL SERIES PRODUCTS ARE IDEAL FOR MUSIC LOVERS WHO DEMAND FLEXIBILITY IN THEIR SYSTEM. EVERY PRODUCT IN THE COMPETITION SERIES IS DESIGNED AND HAND MADE IN GERMANY.

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BLUE

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WE ARE PROUD TO PRESENT HELIX PRODUCTS, ENGINEERED TO PERFECTION IN GERMANY.
COMPETITION FULL-RANGE LINE FEATURES A CONE CONSISTING OF ALUMINUM IMPREGNATED, AGAVE SISALANA PLANT FIBERS COATED WITH A LAYER OF SILK. THIS COMBINATION OF MATERIALS DELIVERS A HIGHLY ACCURATE, RIGID CONE WHILE MAINTAINING LOW MASS. COUPLED WITH A SILK DOME TWEETER, DIE-CAST FRAME, LOCKING CONNECTORS, AND A VENTED MOTOR, THESE LOUDSPEAKERS DELIVER THE MOST ACCURATE ACoustIC CHARACTERISTICS.

CONSISTENT WITH THE COMPETITION SERIES, THE PRECISION FULL-RANGE LINE ALSO UTILIZES AN ALUMINUM IMPREGNATED, AGAVE SISALANA PLANT FIBER CONE AND SILK DOME TWEETER. THE PRECISION SERIES INCLUDES A STAMPED STEEL FRAME, QUICK CONNECTORS, AND A VENTED MOTOR. THIS RESULTS IN SIMILAR SOUND CHARACTERISTICS AS THE COMPETITION SERIES, HOUSED IN A SMALLER PACKAGE.

COMPETITION

C62C
2-WAY COMPONENT SYSTEM
6.25" WOOFER/1" SILK DOME TWEETER
POWER HANDLING (RMS/MAX) 150/300 WATTS
FREQUENCY RESPONSE 47 Hz - 25 kHz
SENSITIVITY 93 dB 1W/1m
MOUNTING DEPTH 2.64" (67mm)

C63C
5-WAY COMPONENT SYSTEM
6.25" WOOFER/2" SILK MID-RANGE/1" SILK DOME TWEETER
POWER HANDLING (RMS/MAX) 175/380 WATTS
FREQUENCY RESPONSE 47 Hz - 25 kHz
SENSITIVITY 93 dB 1W/1m
MOUNTING DEPTH 2.64" (67mm)

P235
5-WAY COMPONENT SYSTEM
6.5" WOOFER/2" SILK MID-RANGE/1" SILK DOME TWEETER
POWER HANDLING (RMS/MAX) 50/120 WATTS
FREQUENCY RESPONSE 47 Hz - 25 kHz
SENSITIVITY 90 dB 1W/1m
MOUNTING DEPTH 2.28" (58mm)

P236
2-WAY COMPONENT SYSTEM
6.5" WOOFER/1" SILK DOME TWEETER
POWER HANDLING (RMS/MAX) 60/130 WATTS
FREQUENCY RESPONSE 50 Hz - 21 kHz
SENSITIVITY 90 dB 1W/1m
MOUNTING DEPTH 2.56" (65mm)

P206
MID BASS SPEAKER
6.5" WOOFER
POWER HANDLING (RMS/MAX) 60/130 WATTS
FREQUENCY RESPONSE 45 Hz - 9 kHz
SENSITIVITY 90 dB 1W/1m
MOUNTING DEPTH 2.56" (65mm)

P R E C I S I O N

CONSISTENT WITH THE COMPETITION SERIES, THE PRECISION FULL-RANGE LINE ALSo UTILIZES AN ALUMINUM IMPREGNATED, AGAVE SISALANA PLANT FIBER CONE AND SILK DOME TWEETER. THE PRECISION SERIES INCLUDES A STAMPED STEEL FRAME, QUICK CONNECTORS, AND A VENTED MOTOR. THIS RESULTS IN SIMILAR SOUND CHARACTERISTICS AS THE COMPETITION SERIES, HOUSED IN A SMALLER PACKAGE.
**ESPRIT FULL-RANGE**

By utilizing a stiff, non-resonating, woven fiberglass cone, ESPRIT full-range drivers deliver exceptional sound quality. Add the mechanical properties of a 3-axis adjustable soft dome tweeter, lightweight stamped basket, and quick connectors - ESPRIT speakers meet the needs of even the most demanding applications.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Power Handling (RMS/Max)</th>
<th>Frequency Response</th>
<th>Sensitivity</th>
<th>Mounting Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>E4X</td>
<td>2-WAY COAXIAL</td>
<td>30/90 watts</td>
<td>45 Hz - 22 kHz</td>
<td>89 dB 1W/1m</td>
<td>1.89&quot; (48mm)</td>
</tr>
<tr>
<td>E5X</td>
<td>2-WAY COAXIAL</td>
<td>60/120 watts</td>
<td>65 Hz - 22 kHz</td>
<td>90 dB 1W/1m</td>
<td>2.13&quot; (54mm)</td>
</tr>
<tr>
<td>E6X</td>
<td>2-WAY COAXIAL</td>
<td>50/150 watts</td>
<td>80 Hz - 22 kHz</td>
<td>89 dB 1W/1m</td>
<td>1.89&quot; (48mm)</td>
</tr>
<tr>
<td>E57X</td>
<td>2-WAY COAXIAL</td>
<td>60/180 watts</td>
<td>50 Hz - 22 kHz</td>
<td>91 dB 1W/1m</td>
<td>2.13&quot; (54mm)</td>
</tr>
<tr>
<td>E69X</td>
<td>3-WAY COAXIAL</td>
<td>50/150 watts</td>
<td>65 Hz - 22 kHz</td>
<td>91 dB 1W/1m</td>
<td>2.56&quot; (65mm)</td>
</tr>
<tr>
<td>E52C</td>
<td>2-WAY COMPONENT SYSTEM</td>
<td>50/150 watts</td>
<td>55 Hz - 22 kHz</td>
<td>92 dB 1W/1m</td>
<td>3.00&quot; (76mm)</td>
</tr>
<tr>
<td>E52C</td>
<td>2-WAY COMPONENT SYSTEM</td>
<td>50/150 watts</td>
<td>55 Hz - 22 kHz</td>
<td>91 dB 1W/1m</td>
<td>2.56&quot; (65mm)</td>
</tr>
<tr>
<td>E62C</td>
<td>2-WAY COMPONENT SYSTEM</td>
<td>50/150 watts</td>
<td>50 Hz - 25 kHz</td>
<td>91 dB 1W/1m</td>
<td>2.56&quot; (65mm)</td>
</tr>
</tbody>
</table>
THE BLUE SERIES FULL-RANGE SPEAKERS FEATURE AN OPTIMIZED INJECTION-MOLDED POLYPROPYLENE CONE, POLE MOUNTED TWEETER, AND EURO DIN-SIZED BASKET TO PROVIDE A DROP-IN, HIGH QUALITY LISTENING EXPERIENCE.

WHEN RELIABILITY AND UNIVERSAL APPLICATION ARE A PRIORITY, THE BLUE SERIES FULL-RANGE SPEAKERS ANSWER THE CALL.

### B4X
- **Type**: 2-WAY COAXIAL
- ** woofer size**: 2" (50mm)
- **tweeter size**: 0.5" (13mm)
- **Power Handling**: 35/100 watts
- **Frequency Response**: 80 Hz - 22 kHz
- **Sensitivity**: 90 dB 1W/1m
- **Mounting Depth**: 1.97" (50mm)

### B5X
- **Type**: 2-WAY COAXIAL
- ** woofer size**: 3.5" (90mm)
- **tweeter size**: 0.5" (13mm)
- **Power Handling**: 40/120 watts
- **Frequency Response**: 70 Hz - 22 kHz
- **Sensitivity**: 91 dB 1W/1m
- **Mounting Depth**: 2.0" (50mm)

### B6X
- **Type**: 2-WAY COAXIAL
- ** woofer size**: 5.25" (130mm)
- **tweeter size**: 0.5" (13mm)
- **Power Handling**: 40/120 watts
- **Frequency Response**: 60 Hz - 22 kHz
- **Sensitivity**: 91 dB 1W/1m
- **Mounting Depth**: 2.28" (61mm)

### B69X
- **Type**: 3-WAY COAXIAL
- ** woofer size**: 6" x 9" (150 x 230mm)
- **mid-range size**: 2" (50mm)
- **tweeter size**: 0.5" (13mm)
- **Power Handling**: 50/150 watts
- **Frequency Response**: 35 Hz - 22 kHz
- **Sensitivity**: 91 dB 1W/1m
- **Mounting Depth**: 3.19" (64mm)

### B52C
- **Type**: 2-WAY COMPONENT SYSTEM
- ** woofer size**: 6" (150mm)
- **tweeter size**: 0.75" (19mm)
- **Power Handling**: 50/150 watts
- **Frequency Response**: 55 Hz - 25 kHz
- **Sensitivity**: 91 dB 1W/1m
- **Mounting Depth**: 2.40" (60mm)

### B62C
- **Type**: 2-WAY COMPONENT SYSTEM
- ** woofer size**: 5.25" (130mm)
- **tweeter size**: 1" (25mm)
- **Power Handling**: 40/120 watts
- **Frequency Response**: 65 Hz - 25 kHz
- **Sensitivity**: 90 dB 1W/1m
- **Mounting Depth**: 2.04" (51mm)
**SUBWOOFERS**

**SUBWOOFERS**

**PRECISION / ESPRIT / BLUE**

**P8W**

8" SUBWOOFER

- Power Handling (RMS/Max): 250/500 Watts
- Resonance Frequency: 47 Hz
- Sensitivity: 87 dB 1W/1m
- Mounting Depth: 4.45" (113mm)

**P10W**

10" SUBWOOFER

- Power Handling (RMS/Max): 320/700 Watts
- Resonance Frequency: 31 Hz
- Sensitivity: 87 dB 1W/1m
- Mounting Depth: 5.24" (132mm)

**P12W**

12" SUBWOOFER

- Power Handling (RMS/Max): 400/900 Watts
- Resonance Frequency: 21 Hz
- Sensitivity: 87 dB 1W/1m
- Mounting Depth: 5.47" (139mm)

**E10W**

10" SUBWOOFER

- Power Handling (RMS/Max): 300/600 Watts
- Resonance Frequency: 46 Hz
- Sensitivity: 88 dB 1W/1m
- Mounting Depth: 3.15" (80mm)

**E12W**

12" SUBWOOFER

- Power Handling (RMS/Max): 400/900 Watts
- Resonance Frequency: 37 Hz
- Sensitivity: 88 dB 1W/1m
- Mounting Depth: 5.43" (138mm)

**E8W**

8" SUBWOOFER

- Power Handling (RMS/Max): 250/500 Watts
- Resonance Frequency: 57 Hz
- Sensitivity: 85 dB 1W/1m
- Mounting Depth: 5.28" (133mm)

**B10W**

10" SUBWOOFER

- Power Handling (RMS/Max): 250/500 Watts
- Resonance Frequency: 39 Hz
- Sensitivity: 89 dB 1W/1m
- Mounting Depth: 4.72" (120mm)

**B12W**

12" SUBWOOFER

- Power Handling (RMS/Max): 300/600 Watts
- Resonance Frequency: 21 Hz
- Sensitivity: 90 dB 1W/1m
- Mounting Depth: 5.43" (138mm)

**S U B W O O F E R S**

**PRECISION / ESPRIT / BLUE**

**PRECISION SERIES SUBWOOFERS, THE CULMINATION OF HAND PICKED COMPONENTS ASSEMBLED IN GERMANY, DELIVER INCREDIBLE OUTPUT LEVELS COUPLED WITH CLEAR ACCURATE BASS. A SILK COATED AGAVE SISALANA FIBERS CONE SITS ATOP AN OVERSIZED VOICE COIL AND MOTOR STRUCTURE. ADD VENTING AT BOTH THE POLE PIECE AND THE SPIDER PLATEAU AND YOU HAVE A PRECISION DRIVER THAT ACCEPTS LARGE AMOUNTS OF POWER FOR MAXIMUM EXCURSION. THE RELIABILITY IS ALSO ENSURED BY A DIE CAST ALUMINUM FRAME, GOLD PLATED COMPRESSION TERMINALS, AND STITCHED TENSILE LEADS.**
**COMPETITION / PRECISION**

**DON'T LET THE SLEEK, LOW PROFILE PACKAGE OF THE COMPETITION SERIES AMPLIFIERS FOOL YOU. THEIR REFERENCE QUALITY, CLASS A DESIGN AND NOISE FREE INPUT STAGE GUARANTEES THE HIGHEST LEVEL OF ACOUSTIC ACCURACY. FEATURING MATCHED MOSFET PAIRS, A DOUBLE SIDED COPPER PLATED CIRCUIT BOARD, AND SMART CIRCUIT PROTECTION COUPLED WITH A TEMPERATURE OPTIMIZED HEATSINK . YOU CAN EVEN CUSTOMIZE YOUR LISTENING EXPERIENCE WITH THE FULLY ACTIVE INTELLIGENT CROSSOVER, VARIABLE BASS BOOST CONTROL, AND ADJUSTABLE INPUT GAIN .

**DESIGNED TO EXCEED EXPECTATIONS IN BOTH PERFORMANCE AND INSTALLATION EASE, ALL BLUE AMPLIFIERS FEATURE INTEGRATED VARIABLE CROSSOVER, ADJUSTABLE INPUT GAIN, AND BASS CONTROL. THE B1 HAS ADDED BENEFITS OF REMOTE SUBWOOFER LEVEL CONTROL AND SUBSONIC FILTERS. THEY ARE ALL EQUIPPED TO INTEGRATE WITH FACTORY LEVEL INPUT OR AFTERMARKET INTERCONNECTS. YOU MAY ALSO USE THE OPTIONAL EPC5 WITH A VEHICLE SPECIFIC HARNESS TO CREATE A SEAMLESS PLUG AND PLAY INSTALLATION.**

### Amplifiers Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Channels</th>
<th>Power Output (RMS/Max)</th>
<th>Bass Boost</th>
<th>Frequency Response</th>
<th>Chassis Size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A2</strong></td>
<td>2 CHANNEL AMPLIFIER</td>
<td>2</td>
<td>150 X 2 @ 4Ω  250 X 2 @ 4Ω</td>
<td>0-9dB/30-120Hz</td>
<td>15Hz-20,000Hz</td>
<td>1.38&quot;x17.0&quot;x9.45&quot;</td>
</tr>
<tr>
<td><strong>A4</strong></td>
<td>4 CHANNEL AMPLIFIER</td>
<td>4</td>
<td>85 X 4 @ 4Ω  150 X 4 @ 4Ω</td>
<td>N/A</td>
<td>15Hz-20,000Hz</td>
<td>1.38&quot;x17.0&quot;x9.45&quot;</td>
</tr>
<tr>
<td><strong>B2</strong></td>
<td>2 CHANNEL AMPLIFIER</td>
<td>2</td>
<td>60 X 2 @ 4Ω  120 X 2 @ 4Ω</td>
<td>0-18dB/45Hz</td>
<td>10Hz-30,000Hz</td>
<td>1.38&quot;x13.2&quot;x9.45&quot;</td>
</tr>
<tr>
<td><strong>B4</strong></td>
<td>4 CHANNEL AMPLIFIER</td>
<td>4</td>
<td>50 X 4 @ 4Ω  100 X 4 @ 4Ω</td>
<td>N/A</td>
<td>15Hz-20,000Hz</td>
<td>2&quot;x10.2&quot;x12.6&quot;</td>
</tr>
<tr>
<td><strong>B5</strong></td>
<td>5 CHANNEL AMPLIFIER</td>
<td>5</td>
<td>60 X 4 + 250 X 1 @ 4Ω</td>
<td>0-18dB/45Hz</td>
<td>15Hz-30,000Hz</td>
<td>2&quot;x10.2&quot;x12.6&quot;</td>
</tr>
</tbody>
</table>

### Additional Features

- **Smart Circuit Protection**
- **Fully Active Intelligent Crossover**
- **Variable Bass Boost Control**
- **Adjustable Input Gain**
- **Temperature Optimized Heatsink**

**BLUE AMPLIFIERS**
Music is dynamic and often features many low frequency passages. At Audiotec Fischer, we recognize that some factory audio systems are not equipped to reproduce all the music that the PP50 DSP can deliver. To address this concern and give you the best possible listening experience, we developed the PP7E compact subwoofer. This vented enclosure design houses two 7 inch subwoofers that work as an ideal pair. They perfectly match to the output power of the PP50 DSP for optimum bass reproduction.

Like the PP50 DSP, the PP7E subwoofer is also a solution as it does not require any modification to your automobile. The first stand-alone DSP processor that deserves to call itself a HELIX product. The new Helix-DSP is convincing proof that noisy, distorted sound processors are finally a thing of the past. The Helix-DSP is equipped with a robust set of customization features including flexible channel routing, 31 band parametric equalizer, time alignment adjustment, phase adjustment, and independent crossover for each channel. Accessed through a clearly structured graphical PC interface, ambitious sound freaks may optimize their sound system virtually any which way they choose.

Audiotec Fischer supplies optimized set up files for a wide variety of vehicles. These are customized based on detailed in-vehicle acoustic tests. The setup is simple: download the set up file from www.helixhifi.com and copy it on to a micro sd or micro sdhc memory card (memory requirement 60kb). Insert the memory card into the amplifier and switch it on. After approximately 3 seconds the download is finished and the card can be removed. That completes the setup.

You can connect your mp3 player or portable navigation device to the amplifier (PP50 DSP) via the 3.5mm (1/8 inch) input on the end panel.