We, Focal, strive to create sound equipment that honours the artist’s musical creation and empowers you to feel a new dimension of the music. We want every nuance to be revealed with precision and purity. To do this, we push the limits of the current boundaries in sound technology, and go beyond the traditional approach thinking differently. With Focal, let the sound thrill your senses until you go beyond the usual perception of music and discover new fields of emotion.

LISTEN BEYOND
For nearly four decades, Focal has been applying its unique sound signature to speaker drivers and high-end loudspeakers. We are renowned worldwide for our innovations which have given birth to exclusive technologies, and some of our loudspeakers have gone on to become world-renowned references.

Our philosophy is to promote our expertise made in France: 100% of our products are designed and developed by our engineers, and a large part of our collections are made in France in our own workshops. All Focal products benefit from innovations which result from the on-going research in the field of acoustics. This technological heritage, protected by numerous patents, ensures a sound which is clear, powerful and true to nature; for providing the best audio systems in each category.

The love for music combined with the passion for cars spawned Focal’s Car Audio collections in the 1990s. These car audio systems and kits are designed to enable car enthusiasts to enhance their driving experience with audiophile sound. From the most prestigious customised installations to easy-to-install kits, every solution is optimised for your vehicle. Our technology is packed with the best innovations and materials to enhance your audio environment, and to make your journey a moment of intense pleasure.

Our collection of audio solutions is adapted to all styles and all uses:
- **Elite**: on-board audio perfection; get the highest musical quality for your car thanks to these customised installations capable of exceptional performance.
- **Performance**: treat yourself to powerful and demonstrative sound through a sound system which reflects who you are.
- **Integration**: discreet and easy to install, a simple way to improve your vehicle’s acoustics without altering the factory system.

Innovation and performance, the highest levels of expertise and pleasure are the brand’s values. They define Focal’s signature, whose unique goal is to take you beyond sound.
Is your car a gem bespoke to you? Is ultimate sound quality never far from your thoughts?

If so, then Elite is for you. The Focal name is synonymous with unique, hand-made equipment to help you achieve the absolute performance from your music. Based on rare, precious metals, this range uses the very latest technologies, striving in the heritage of the Grande Utopia EM, currently considered as one of the best loudspeakers in the world. Made in France, these dream products, available in Utopia and K2 Power lines, are the natural choice for bespoke installations implemented exclusively for you by our expert installers.

'Haute couture' sound
For years the Utopia range has been a myth for all music and car lovers. It has become a benchmark thanks to our unique technologies.

With our rich history and strong DNA, we set ourselves a huge challenge: to renew the range and establish a new reference of high-end drivers in the market.

And thus Utopia M was born, the quintessence of our expertise and our latest patented technologies.

Utopia M is an innovative, ‘à la carte’ concept, that lets you build your own bespoke system depending on your vehicle, the only limit being your creativity and that of the installer fitting it.

When devising its unique design, a mix of tradition and innovation, our designers drew on the codes and richness of French architecture.

This work was possible thanks to the development of our patented ‘M-profile ‘W’ sandwich cone, which pushes the boundaries by perfectly combining the 3 criteria essential for creating the ideal driver: rigidity/lightness/damping.

In combination with our patented TMD® surround, distortion is reduced, thus increasing the precision and realism of the midrange.

Our Beryllium tweeter also benefits from these innovations and includes an ‘M’-shape inverted dome combined with our TMD® surround, which provides a striking level of detail.

With Utopia M, the legend continues...
TBM
Pair of tweeters
‘M’-shape pure Beryllium dome
Voice coil diameter: 1” (25mm)
Motor: Neodymium
Surround: Tuned Mass Damper (TMD®)
Max. power: 200W
Nom. power: 20W RMS
Impedance: 4Ω
Frequency response: 1.5kHz - 40kHz
Sensitivity (2.83V/1m): 95dB
Other: Fixed grille, built-in
Supplied mounting bracket

TWEETER - ‘À la carte’ concept
UTOPIA M
### 3.5 WM

**Diameter:** 3.5" (87.5mm)

**M-profile 'W' cone**

**Voice coil diameter:** 1 49/64" (45mm)

**Motor:** Neodymium

**Surround:** Tuned Mass Damper (TMD®)

**Max. power:** 100W

**Nom. power:** 50W RMS

**Sensitivity (2.83V/1m):** 88dB

**Frequency response:** 200Hz - 10kHz

**Impedance:** 4Ω

**Accessories:** Optional grille

### 6 WM

**Pair of woofers**

**Diameter:** 6" (165mm)

**M-profile 'W' cone**

**Voice coil diameter:** 3 5/32" (80mm)

**Motor:** Neodymium

**Surround:** Tuned Mass Damper (TMD®)

**Max. power:** 200W

**Nom. power:** 100W RMS

**Sensitivity (2.83V/1m):** 91.5dB

**Frequency response:** 60Hz - 6kHz

**Impedance:** 4Ω

**Accessories:** Optional grille

---

6" Woofer and 3.5" Midrange - ‘À la carte’ concept
8 WM

Woofer
Diameter: 8" (200mm)
"M"-profile "W" cone
Voice coil: 35/32" (80mm)
Motor: Neodymium
Enclosure: Tuned Mass Damper (TMD®)
Wiring: Banana plugs
Nom. power: 100W RMS
Sensitivity: 91.8dB
Frequency response: 45Hz - 5kHz
Impedance: 4Ω
Accessories: Optional grille

8" grille
M-tech design
Aluminium ring
Sold separately by unit
SUB 10 WM

Subwoofer
Diameter: 10" (250mm)
Mounting depth: 4 1/4" (108mm)
1" gold-plated 'W' cone
Dual voice coil diameter: 4 23/32" (120mm)
Motor: Neodymium
Nominal power: 400W RMS
Max power: 800W
Sensitivity: 87.5dB (2.83V/1m)
Frequency response: 25Hz - 800Hz
Impedance: 2 x 4Ω

Suggested load volume:
0.35 cu ft (10l) in sealed enclosure
A unique sensation in the world, experience the Grande Utopia EM in your car. Ultima is a full active car audio kit designed and inspired by the best drivers used in our high-end loudspeakers.

**165W-XP Passive**

- **2-way component kit**
- Diameter: 6 1/2” (165mm)
- Composite 'W' sandwich cone
- Voice-coil diameter: 1 1/4” (32mm)
- Crossover: 12/18dB bi-amp
- Adjustable tweeter level: +3; 0dB/oct
- Max. power: 200W
- Nom. power: 100W RMS
- Sensitivity (2.83V/1m): 93dB
- Frequency response: 60Hz - 40kHz
- Impedance: 2Ω
- Accessories: Grilles included

**6 W Ultima**

- Diameter: 6” (150mm)
- 'W' composite sandwich cone
- Voice-coil: 2” (50mm)
- Motor: Dual ferrite
- Max. power: 300W (RMS)
- Nom. power: 120W RMS
- Sensitivity (2.83V/1m): 90.2dB
- Impedance: 4Ω
- Frequency response: 40Hz to 120Hz
- Suggested load volume: 1 cu ft (30l) in sealed enclosure

**8 W Ultima**

- Diameter: 8” (200mm)
- 'W' composite sandwich cone
- Voice-coil: 2” (50mm)
- Motor: Dual ferrite
- Max. power: 600W (RMS)
- Nom. power: 300W RMS
- Sensitivity (2.83V/1m): 90.2dB
- Impedance: 6Ω
- Frequency response: 40Hz to 120Hz
- Suggested load volume for 1 subwoofer: 0.79 cu ft (22.5l) in ported enclosure
- Port size suggested: 6 11/16” x Ø2 3/8” (17cm x Ø6cm)

**UTOPIA ELITE**

- Ultimate Kit
- Full active 2-way kit in its wood Black Satin case.
- Included authenticity certificate, user manual, Focal tool CD for settings.

**Composition of the kit:**
2x Tweeters,
2x Midbass,
4x Subwoofers

* Within the limit of available product stock.
Besides its distinct yellow colour, the K2 Power line has become a lifestyle object in its own right worldwide. Once more, our engineers have pushed back the limits of performance to continue making the reputation of this extraordinary line synonymous with power and precision!

The K2 Power’s composite sandwich cone combines three key features: rigidity, lightness and damping. This unique expertise ‘Made in Focal’ combines a new patented TMD® (Tuned Mass Damper) rubber surround which controls unwanted resonances to provide a clean and neutral midrange with very low harmonic distortion.

The ventilated voice-coil gap keeps the temperature of the voice-coil low and stable for increased power handling and reliability. The subwoofers have been designed to work in very compact volumes while having a very high SPL and an amazing energy!

Finally, the major innovation of this line made in France is the ‘M’ profile aramid fibre inverted dome tweeter. This totally exclusive ‘M’ profile inverted dome tweeter has been specifically designed to increase precision in the very high frequencies. The push-pull motor inspired by the IAL technology dampens acoustic resonances on the back of the membrane and extends the low end of the frequency response, in a very compact housing.
2-way coaxial and component kits

**EC 165 K**
- 2-way coaxial kit
- Diameter: 6.5" (165mm)
- K2 composite sandwich cone
- Voice-coil diameter: 1" (25mm)
- Voice-coil height: 3/4" (19mm)
- Motor: Ferrite
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Impedance: dual 4Ω
- Frequency response: 25Hz-500Hz
- Sensitivity (2.83V/1m): 90.5dB
- Nom. power: 150W
- Max. power: 300W

**ES 100 K**
- 2-way component kit
- Diameter: 6.5" (165mm)
- K2 composite sandwich cone
- Voice-coil diameter: 1" (25mm)
- Voice-coil height: 3/4" (19mm)
- Motor: Ferrite
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Separated crossover 0 (1Ω, 1Ω)
- Tweeter adjustable level: +3; 0; -3dB
- Impedance: 4Ω
- Frequency response: 40Hz-22kHz
- Sensitivity (2.83V/1m): 90dB
- Nom. power: 100W RMS
- Max. power: 200W

**ES 130 K**
- 2-way component kit
- Diameter: 8" (200mm)
- K2 composite sandwich cone
- Voice-coil diameter: 1.5" (38mm)
- Voice-coil height: 3/4" (19mm)
- Motor: Ferrite
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Separated crossover 0 (1Ω, 1Ω)
- Tweeter adjustable level: +3; 0; -3dB
- Impedance: 4Ω
- Frequency response: 25Hz-500Hz
- Sensitivity (2.83V/1m): 84.5dB
- Nom. power: 240W RMS
- Max. power: 480W

**ES 165 K**
- 3-way component kit
- Diameter: 8" (200mm)
- K2 composite sandwich cone
- Voice-coil diameter: 1.5" (38mm)
- Voice-coil height: 3/4" (19mm)
- Motor: Ferrite
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Separated crossover 0 (1Ω, 1Ω)
- Tweeter adjustable level: +3; 0; -3dB
- Impedance: 4Ω
- Frequency response: 25Hz-500Hz
- Sensitivity (2.83V/1m): 84.5dB
- Nom. power: 240W RMS
- Max. power: 480W

**ES 165 K2**
- 3-way component kit
- Diameter: 8" (200mm)
- K2 composite sandwich cone
- Voice-coil diameter: 1.5" (38mm)
- Voice-coil height: 3/4" (19mm)
- Motor: Ferrite
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Separated crossover 0 (1Ω, 1Ω)
- Tweeter adjustable level: +3; 0; -3dB
- Impedance: 4Ω
- Frequency response: 25Hz-500Hz
- Sensitivity (2.83V/1m): 84.5dB
- Nom. power: 240W RMS
- Max. power: 480W

**ES 165 K2X2**
- 2 and 3-way component kits

**ES 165 K3**
- 3-way component kit
- Diameter: 8" (200mm)
- K2 composite sandwich cone
- Voice-coil diameter: 1.5" (38mm)
- Voice-coil height: 3/4" (19mm)
- Motor: Ferrite
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Separated crossover 0 (1Ω, 1Ω)
- Tweeter adjustable level: +3; 0; -3dB
- Impedance: 4Ω
- Frequency response: 25Hz-500Hz
- Sensitivity (2.83V/1m): 84.5dB
- Nom. power: 240W RMS
- Max. power: 480W

**ES 165 K3X2**
- 2 and 3-way component kits

**ES 165 K3X3**
- 3-way component kit
- Diameter: 8" (200mm)
- K2 composite sandwich cone
- Voice-coil diameter: 1.5" (38mm)
- Voice-coil height: 3/4" (19mm)
- Motor: Ferrite
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Separated crossover 0 (1Ω, 1Ω)
- Tweeter adjustable level: +3; 0; -3dB
- Impedance: 4Ω
- Frequency response: 25Hz-500Hz
- Sensitivity (2.83V/1m): 84.5dB
- Nom. power: 240W RMS
- Max. power: 480W

**ES 165 KX2**
- 2 and 3-way component kits

**ES 165 KX3**
- 2 and 3-way component kits

**ES 25 KX**
- Subwoofer
- Diameter: 12" (300mm)
- K2 composite sandwich cone
- Mounting depth: 13" (330mm)
- Voice-coil diameter: 2.5" (64mm)
- Voice-coil height: 2" (50mm)
- Motor: Dual 4Ω
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Separated crossover 0 (1Ω, 1Ω)
- Tweeter adjustable level: +3; 0; -3dB
- Impedance: 4Ω
- Frequency response: 45Hz-22kHz
- Sensitivity (2.83V/1m): 86.5dB
- Nom. power: 600W RMS
- Max. power: 1200W

**ES 30 KX**
- Subwoofer
- Diameter: 15" (380mm)
- K2 composite sandwich cone
- Mounting depth: 15.5" (395mm)
- Voice-coil diameter: 2.5" (64mm)
- Voice-coil height: 2.5" (64mm)
- Motor: Dual 4Ω
- Tweeter: TKM ('M' profile aramid-fibre inverted dome)
- Separated crossover 0 (1Ω, 1Ω)
- Tweeter adjustable level: +3; 0; -3dB
- Impedance: 4Ω
- Frequency response: 45Hz-22kHz
- Sensitivity (2.83V/1m): 86.5dB
- Nom. power: 600W RMS
- Max. power: 1200W

Subwoofers

**ELITE K2 POWER**

**ELITE K2 POWER**

**ELITE K2 POWER**
Are you looking to enjoy the sensations of astonishingly precise and powerful car audio which is perfectly controlled and stable in your vehicle?

Focal’s range of electronic products will enhance your car audio system so you can get the most out of your music while at the wheel. They will enable you to create a sound processing system with all the electronics you need to satisfy your desires. Create exactly the right set-up you’re looking for, in confined or adequate spaces: the system can be optimised using a digital signal processor and one or more amplifiers. Thanks to our ranges of FPX and FDS amplifiers, and to our FSP-8 sound processor, you’ll immediately find the perfect balance of power and audio quality.

These electronic products will give you the best results with our Elite and Performance ranges.
**ELECTRONICS**

**Amplifiers**

**FPX 4.400 SQ**

*The sound quality amplifier of the range*

<table>
<thead>
<tr>
<th>Class</th>
<th>Amplifier</th>
<th>Channels/Outputs</th>
<th>Power (4Ω bridged)</th>
<th>Max. power (2Ω)</th>
<th>Max. power (4Ω bridged)</th>
<th>Frequency response</th>
<th>CEA power (4Ω)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class D</td>
<td>Stereo</td>
<td>4/3/2 channels</td>
<td>4x185W RMS</td>
<td>4x100W RMS</td>
<td>4x58W RMS</td>
<td>20Hz-20kHz</td>
<td>4x70W RMS</td>
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</tbody>
</table>

**FPX 4.800**

<table>
<thead>
<tr>
<th>Class</th>
<th>Amplifier</th>
<th>Channels/Outputs</th>
<th>Power (4Ω bridged)</th>
<th>Max. power (2Ω)</th>
<th>Max. power (4Ω bridged)</th>
<th>Frequency response</th>
<th>CEA power (4Ω)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class D</td>
<td>Mono</td>
<td>Mono</td>
<td>2x170W RMS</td>
<td>1x210W RMS</td>
<td>1x120W RMS</td>
<td>20Hz-20kHz</td>
<td>1x100W RMS</td>
</tr>
</tbody>
</table>

**FDS 4.350**

<table>
<thead>
<tr>
<th>Class</th>
<th>Amplifier</th>
<th>Channels/Outputs</th>
<th>Power (4Ω bridged)</th>
<th>Max. power (2Ω)</th>
<th>Max. power (4Ω bridged)</th>
<th>Frequency response</th>
<th>CEA power (4Ω)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class D</td>
<td>Mono</td>
<td>Mono</td>
<td>1x180W RMS</td>
<td>1x100W RMS</td>
<td>1x70W RMS</td>
<td>20Hz-20kHz</td>
<td>1x70W RMS</td>
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</table>

**FDS 2.350**

<table>
<thead>
<tr>
<th>Class</th>
<th>Amplifier</th>
<th>Channels/Outputs</th>
<th>Power (4Ω bridged)</th>
<th>Max. power (2Ω)</th>
<th>Max. power (4Ω bridged)</th>
<th>Frequency response</th>
<th>CEA power (4Ω)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class D</td>
<td>Mono</td>
<td>Mono</td>
<td>1x120W RMS</td>
<td>1x100W RMS</td>
<td>1x70W RMS</td>
<td>20Hz-20kHz</td>
<td>1x70W RMS</td>
</tr>
</tbody>
</table>

**FSP-8**

*5-channel sound processor*

- Selectable high/low-level inputs for flexibility with factory or aftermarket headunits
- High-resolution digital input (24 bits/192kHz)
- Auxiliary stereo input
- Remote control with LCD screen (sold separately)
- Audio specifications:
  - Signal/noise ratio: -90dBA (analog input)/-99dBA (optical)
  - Distortion: 0.02%
- Frequency response (digital crossover off): 5Hz-21kHz
- Frequency response (crossover off): 10Hz-1kHz
- Dimensions (LxHxW): 7/8” x 5/16” x 1/4” (199x43x108mm)
- Weight: 4.40lbs (2kg)

**FSP-8 remote control**

- Enables you to control the main functions of the FSP-8:
  - Adjust equalization, subwoofer volume, and input selection for the FSP-8
  - Remotely turn on/off the FSP-8
  - Notched keypads
  - LED-backlit screen

**Manager Focal FSP-8 software**

- PC compatibility: Windows 95/98/Me/2000/XP
- Equalizer: 10 bands, fully customizable for every single channel
- High-pass/low-pass/crossover control
- Delay adjustment range: 0-22ms per channel
- Delay adjustment incrementation: 0.1ms

*Within the limit of available product stock.*
Are you passionate about your beautiful powerful car? Do you want to create a sound system that reflects who you are?

The Performance range, innovative and dynamic, delivers sound to make your spine tingle. Ultra-technical and assertively designed, Performance was conceived to bring extreme sensations. If the traditional Access line marks the entry-point to this technology universe, you can push the limits of your creativity to their very peaks with the Expert range. The young generation will also find with the Auditor line the Focal sound expertise at a very affordable budget. Power and fidelity work hand in hand: ‘live’ sound in all its dimensions for the most demanding music lovers.
Over the last years, there have been many innovations regarding the materials used. The return to natural materials and their combination with modern composites has resulted in the creation of new kinds of modern hybrids.

The ‘Sandwich’ technology which we master perfectly with the K2 and ‘W’ cones is the best way to achieve a perfect balance between rigidity/weight/damping.

The key to success for a speaker cone made by Focal lies in the satisfaction of these conflicting criteria. When it came down to the delicate choice regarding the design of the core of the sandwich structure, our engineers were soon impressed by the characteristics particular to Flax. After five years of research, the Flax sandwich cone was born. The use of an ecological textile such as flax, combined with our composite technology has led to an innovative solution for manufacturing sandwich structures: very high-quality flax fibres between two sheets of glass fibres. French flax is considered the best in the world, and another important detail is that the manufacturing process can be mechanised and automated.

The high-end products of our Expert line are the result of our constant efforts to differentiate ourselves and our goal to provide ultimate acoustic reproduction, featuring six Performance kits: the ‘F’ series.
## PS 130 F
2-way component kit
Diameter: 6.1/2" (165mm)
Mounting depth: 6.1/2" (165mm)
Voice-coil diameter: 1" (25mm)
Voice-coil height: 0.9/64" (15mm)
Magnet: 39/64" (90mm)
Processed Aluminum/Magnesium inverted dome tweeter
Separated crossover: 12-12dB/Oct
Adjustable tweeter level: 0; -3dB/Oct
Max. power: 120W
Nom. power: 60W RMS
Sensitivity (2.83V/1m): 90.4dB
Frequency response: 60Hz-28kHz
Supplied with grille

## PS 165 F
2-way coaxial kit
Diameter: 3" (75mm)
Flax sandwich cone
Mounting depth: 3" (75mm)
Voice-coil diameter: 1" (25mm)
Voice-coil height: 0.3/8" (10mm)
Magnet: 39/64" (90mm)
Processed Aluminum/Magnesium inverted dome tweeter
Integrated crossover: 6dB/oct
Adjustable tweeter level: HI-MID/Flat
Max. power: 160W
Nom. power: 80W RMS
Sensitivity (2.83V/1m): 90.7dB
Frequency response: 55Hz-28kHz
Supplied with grille

## PS 165 F3
3-way component kit
Woofer diameter: 6.1/2" (165mm)
Midrange diameter: 3" (80mm)
Woofer mounting depth: 6.1/2" (165mm)
Midrange mounting depth: 15/64" (33.5mm)
Motor: Dual ferrite
Integrated crossover: 6dB/oct
Adjustable tweeter level: HI-MID/Flat
Max. power: 160W
Nom. power: 80W RMS
Sensitivity (2.83V/1m): 91.3dB
Frequency response: 55Hz-28kHz
Impedance: 4Ω
Supplied with grille

## PS 165 FX
2-way component kit
Diameter: 3" (75mm)
Mounting depth: 3" (75mm)
Voice-coil diameter: 1" (25mm)
Voice-coil height: 0.3/8" (10mm)
Motor: Dual ferrite
Integrated crossover: 6dB/oct
Max. power: 120W
Nom. power: 60W RMS
Sensitivity (2.83V/1m): 90.5dB
Frequency response: 75Hz-28kHz
Impedance: 4Ω
Supplied with grille

## PC 130 F
2-way coaxial kit
Diameter: 3" (75mm)
Flax sandwich cone
Mounting depth: 3" (75mm)
Voice-coil diameter: 1" (25mm)
Voice-coil height: 0.3/8" (10mm)
Magnet: 39/64" (90mm)
Processed Aluminum/Magnesium inverted dome tweeter
Integrated crossover: 6dB/oct
Max. power: 120W
Nom. power: 60W RMS
Sensitivity (2.83V/1m): 90.4dB
Frequency response: 60Hz-28kHz
Supplied with grille

## PC 165 F
2-way coaxial kit
Diameter: 6.1/2" (165mm)
Flax sandwich cone
Mounting depth: 6.1/2" (165mm)
Voice-coil diameter: 1" (25mm)
Voice-coil height: 0.3/8" (10mm)
Magnet: 39/64" (90mm)
Processed Aluminum/Magnesium inverted dome tweeter
Integrated crossover: 6dB/oct
Max. power: 140W
Nom. power: 70W RMS
Sensitivity (2.83V/1m): 91.6dB
Frequency response: 60Hz-28kHz
Supplied with grille

## PS 25 FS
Shallow subwoofer
Diameter: 32" (80cm)
Flax sandwich cone
Mounting depth: 32" (80cm)
Voice-coil diameter: 1" (25mm)
Sealed enclosure: 0.64 to 0.64 cu ft (18 to 18l)
Motor: Dual ferrite
Max. power: 120W
Nom. power: 60W RMS
Sensitivity (2.83V/1m): 87dB
Frequency response: 35Hz-400Hz

## Easy integration, compactness and performances
We developed this Flax shallow subwoofer to answer the new trend of the market: discrete integration in small space as truck or underseat location in pick up without compromise on the performances.
### PERFORMANCE EXPERT

#### Subwoofers

<table>
<thead>
<tr>
<th>Model</th>
<th>Diameter</th>
<th>Nom. power</th>
<th>Max. power</th>
<th>Sensitivity (2.83V/1m)</th>
<th>Frequency response</th>
</tr>
</thead>
<tbody>
<tr>
<td>P 20 F</td>
<td>200mm</td>
<td>250W RMS</td>
<td>500W</td>
<td>82.5dB</td>
<td>27Hz-500Hz</td>
</tr>
<tr>
<td>P 25 F</td>
<td>250mm</td>
<td>150W RMS</td>
<td>300W</td>
<td>93.4dB</td>
<td>60Hz-20kHz</td>
</tr>
<tr>
<td>P 30 F</td>
<td>300mm</td>
<td>60W RMS</td>
<td>120W</td>
<td>91.6dB</td>
<td>60Hz-20kHz</td>
</tr>
</tbody>
</table>

**NEW**

**PSB 200**

- **Compact passive subwoofer enclosure**
- **Enclosure:** Laminated Birch/18 x 28 x 17 (18 x 28 x 17)
- **Nom. power:** 50W
- **Sensitivity:** 93.6dB
- **Frequency response:** 60Hz-20kHz

**PC 100**

- **2-way coaxial kit**
- **Nom. power:** 100W
- **Sensitivity:** 94dB
- **Frequency response:** 100Hz-20kHz

**PC 130**

- **2-way coaxial kit**
- **Nom. power:** 120W
- **Sensitivity:** 94dB
- **Frequency response:** 100Hz-20kHz

**PC 165**

- **2-way coaxial kit**
- **Nom. power:** 165W
- **Sensitivity:** 94dB
- **Frequency response:** 100Hz-20kHz

**2-way component kits & subwoofers**

<table>
<thead>
<tr>
<th>Model</th>
<th>Diameter</th>
<th>Nom. power</th>
<th>Max. power</th>
<th>Sensitivity (2.83V/1m)</th>
<th>Frequency response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub P 25 DB</td>
<td>250mm</td>
<td>500W</td>
<td>1000W</td>
<td>87dB</td>
<td>80Hz-20kHz</td>
</tr>
<tr>
<td>Sub P 30 DB</td>
<td>300mm</td>
<td>600W</td>
<td>1200W</td>
<td>86.7dB</td>
<td>80Hz-20kHz</td>
</tr>
</tbody>
</table>

**Coaxial kits**

<table>
<thead>
<tr>
<th>Model</th>
<th>Diameter</th>
<th>Nom. power</th>
<th>Max. power</th>
<th>Sensitivity (2.83V/1m)</th>
<th>Frequency response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub P 150 DB</td>
<td>150mm</td>
<td>300W</td>
<td>600W</td>
<td>90dB</td>
<td>80Hz-20kHz</td>
</tr>
<tr>
<td>Sub P 250 DB</td>
<td>250mm</td>
<td>500W</td>
<td>1000W</td>
<td>87dB</td>
<td>80Hz-20kHz</td>
</tr>
<tr>
<td>Sub P 350 DB</td>
<td>350mm</td>
<td>800W</td>
<td>1600W</td>
<td>86.7dB</td>
<td>80Hz-20kHz</td>
</tr>
</tbody>
</table>
**Coaxial kits**

**130 AC**
- 2-way coaxial kit
  - Diameter: 4" (100mm)
  - Voice-coil diameter: ¾" (120mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Frequency response: 65Hz-500Hz
  - Nom. power: 400W
  - Max. power: 250W RMS
  - Composition: Bandpass technology

**100 AC**
- 2-way coaxial kit
  - Diameter: 3½" (90mm)
  - Voice-coil diameter: 7/16" (11mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Frequency response: 50Hz-8kHz
  - Sensitivity: 91.3dB

**165 AS3**
- 3-way component kit
  - Woofer: 12" (300mm)
  - Voice-coil diameter: 2" (51mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Frequency response: 40Hz-20kHz
  - Sensitivity: 87.2dB

**570 AC**
- 2-way coaxial kit
  - Woofer: 10" (250mm)
  - Voice-coil diameter: ¾" (120mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Frequency response: 32Hz-500Hz
  - Nom. power: 230W

**BOMBA BP20**
- Compact active subwoofer enclosure
  - Class D amplifier
  - High and low level audio input (DSP and after market head units compatible)
  - Bandpass technology
  - Dimensions (DxWxH): 17x9x12 (439x249x323mm)
  - Voice-coil diameter: 2" (50mm)
  - Magnet: 5x7" (130x180mm)
  - Aluminized inverted dome tweeter
  - Frequency response: 40Hz-5kHz
  - Nom. power: 150W RMS

**Sub 25 A4**
- Subwoofer
  - Diameter: 10" (200mm)
  - Voice-coil diameter: ½" (12mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Frequency response: 30Hz-120Hz

**Sub 30 A4**
- Subwoofer
  - Diameter: 15" (380mm)
  - Voice-coil diameter: 2" (50mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Frequency response: 30Hz-150Hz

**PERFORMANCE ACCESS**

**130 AS**
- 2-way component kit
  - Diameter: 5½" (140mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 60Hz-20kHz
  - Supplied with grille

**165 AS**
- 2-way component kit
  - Diameter: 6½" (165mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 60Hz-20kHz
  - Supplied with grille

**165 AS3**
- 3-way component kit
  - Woofer: 15" (380mm)
  - Voice-coil diameter: 2½" (64mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 40Hz-20kHz
  - Supplied with grille

**570 AS**
- 2-way coaxial kit
  - Woofer: 6½" (165mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Frequency response: 55Hz-20kHz
  - Nom. power: 120W RMS

**PERFORMANCE ACCESS**

**360 AS**
- 2-way component kit
  - Diameter: 6½" (165mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 60Hz-20kHz
  - Supplied with grille

**365 AS**
- 3-way component kit
  - Woofer: 15" (380mm)
  - Voice-coil diameter: 2½" (64mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 40Hz-20kHz
  - Supplied with grille

**PERFORMANCE ACCESS**

**690 AC**
- 2-way coaxial kit
  - Woofer: 6½" (165mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Frequency response: 60Hz-20kHz
  - Nom. power: 120W RMS

**360 AS**
- 2-way component kit
  - Diameter: 6½" (165mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 60Hz-20kHz
  - Supplied with grille

**365 AS**
- 3-way component kit
  - Woofer: 15" (380mm)
  - Voice-coil diameter: 2½" (64mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 40Hz-20kHz
  - Supplied with grille

**PERFORMANCE ACCESS**

**360 AS**
- 2-way component kit
  - Diameter: 6½" (165mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 60Hz-20kHz
  - Supplied with grille

**365 AS**
- 3-way component kit
  - Woofer: 15" (380mm)
  - Voice-coil diameter: 2½" (64mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 40Hz-20kHz
  - Supplied with grille

**PERFORMANCE ACCESS**

**360 AS**
- 2-way component kit
  - Diameter: 6½" (165mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 60Hz-20kHz
  - Supplied with grille

**365 AS**
- 3-way component kit
  - Woofer: 15" (380mm)
  - Voice-coil diameter: 2½" (64mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 40Hz-20kHz
  - Supplied with grille

**PERFORMANCE ACCESS**

**360 AS**
- 2-way component kit
  - Diameter: 6½" (165mm)
  - Voice-coil diameter: 5/16" (7mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 60Hz-20kHz
  - Supplied with grille

**365 AS**
- 3-way component kit
  - Woofer: 15" (380mm)
  - Voice-coil diameter: 2½" (64mm)
  - Magnet: aluminum voice-coil former
  - Aluminized inverted dome tweeter
  - Adjustable tweeter level
  - Frequency response: 40Hz-20kHz
  - Supplied with grille
### RCX-100
- **2-way coaxial kit**
- Diameter: 2" (50mm)
- Polypropylene cone
- Mounting depth: 1" Mylar inverted dome tweeter
- Frequency response: 65Hz-21kHz
- Sensitivity (2.83V/1m): 88dB
- Nom. power: 60W
- Max. power: 120W
- Supplied without grille

### RCX-130
- **2-way coaxial kit**
- Diameter: 3" (76mm)
- Polypropylene cone
- Mounting depth: 1" Mylar inverted dome tweeter
- Frequency response: 60Hz-21kHz
- Sensitivity (2.83V/1m): 91.6dB
- Nom. power: 100W
- Max. power: 250W
- Supplied with grille, fastening and screws

### RCX-165
- **2-way coaxial kit**
- Diameter: 4" (100mm)
- Polypropylene cone
- Mounting depth: 2" Mylar inverted dome tweeter
- Frequency response: 60Hz-21kHz
- Sensitivity (2.83V/1m): 91.5dB
- Nom. power: 120W
- Max. power: 240W
- Supplied with grille, fastening and screws

### RCX-570
- **2-way coaxial kit**
- Diameter: 2.75" (69.85mm)
- Polypropylene cone
- Mounting depth: 1" Mylar inverted dome tweeter
- Frequency response: 100Hz-21kHz
- Sensitivity (2.83V/1m): 91dB
- Nom. power: 20W
- Max. power: 60W
- Supplied without grille

### RCX-690
- **3-way coaxial kit**
- Diameter: 3" (76mm)
- Polypropylene cone
- Mounting depth: 1" Mylar inverted dome tweeter
- Frequency response: 80Hz-21kHz
- Sensitivity (2.83V/1m): 88dB
- Nom. power: 60W
- Max. power: 120W
- Supplied with grille, fastening and screws

### RSB-250
- Subwoofer
- Diameter: 10" (250mm)
- Polypropylene cone
- Mounting depth: 4/4" (129mm)
- Dual voice-coil: 4+4Ω
- Max. power (2Ω): 400W
- Max. power (4Ω): 200W
- Sensitivity: 88dB
- Frequency response: 25Hz-21kHz
- Supplied with grille, fastening and screws

### RSB-300
- Subwoofer
- Diameter: 12" (300mm)
- Polypropylene cone
- Mounting depth: 5/4" (134mm)
- Dual voice-coil: 4+4Ω
- Max. power (2Ω): 600W
- Max. power (4Ω): 300W
- Sensitivity: 88dB
- Frequency response: 30Hz-21kHz
- Supplied with grille, fastening and screws

### RSB-300
- Class D amplifiers: 4/3/2 channels
- Max. power: 4x100W (4Ω)
- Max. power: 4x95W (4Ω)
- Max. power: 50-250Hz
- Full range crossover (channel 3-4): 100Hz-2.2kHz
- High pass crossover (channel 1-2): 60Hz-1.2kHz
- Max. power (bridged 4Ω): 2x190W RMS
- Sensitivity: 2.83V/1m
- Dimensions: 604x50x235mm
Do you have a car and like listening to music? Do you want to improve its original audio system without any technical or aesthetic changes to your car interior? Then the solution is here: the Integration range of systems. Quick and easy to fit, these speakers guarantee the best of Focal Sound. Your car headunit is not changed, your steering-wheel controls work perfectly! At the heart of the Universal line, every compactly sized system is very simple to fit. If you have a vehicle covered by one of our dedicated kits, the Plug & Play range means you can enjoy an installation 100% compatible with your original-fit equipment. Forget the old, now you can hear all the difference and live the emotional thrill of quality sound.
**IS 165 TOY**

2-way component kit

Cars compatibility: Corolla, Yaris, Auris, Fortuner, Rav 4, Innova, Fortuner...

The tweeter needs to be adapted in factory location (fixing, glueing...)

Diameter: 6 1/2" (165mm)

Fiberglass cone

Aluminum inverted dome compact tweeter

Integrated crossover: 6dB/oct

Max. power: 120W

Nom. power: 60W RMS

Sensitivity (2.83V/1m): 91dB

Frequency response: 60Hz-20Khz

Nominal impedance: 4Ω

**IS 690 TOY**

2-way component kit

Cars compatibility: Prius, Camry, Tacoma, Tundra, Alphard, FJ Cruiser...

The tweeter needs to be adapted in factory location (fixing, glueing...)

Diameter: 6"x9"

Fiberglass cone

Aluminum inverted dome compact tweeter

Integrated crossover: 6dB/oct

Max. power: 150W

Nom. power: 75W RMS

Sensitivity (2.83V/1m): 92dB

Frequency response: 50Hz-20kHz

Nominal impedance: 4Ω

**IC 165 TOY**

2-way coaxial kit

Cars compatibility: Corolla, Yaris, Auris, Fortuner, Avanza, Altis, Hi-Lux, and for rear installation

Diameter: 6 1/2" (165mm)

Fiberglass cone

Aluminum inverted dome tweeter

Integrated crossover: 6dB/oct

Max. power: 120W

Nom. power: 60W RMS

Sensitivity (2.83V/1m): 91dB

Frequency response: 60Hz-20Khz

Nominal impedance: 4Ω

**IC 690 TOY**

2-way coaxial kit

Cars compatibility: Prius, Camry, Tacoma, Tundra, Alphard, FJ Cruiser...

Diameter: 6"x9"

Fiberglass cone

Aluminum inverted dome TN44 tweeter

Integrated crossover: 6/18dB/oct

Max. power: 120W

Nom. power: 60W RMS

Sensitivity (2.83V/1m): 92dB

Frequency response: 60Hz-20Khz

Nominal impedance: 4Ω

**IS 165 VW**

2-way coaxial kit

Cars compatibility: Front assembly: Golf 6/Bora/Jetta...

This kit can be assembled on the rear of: Golf 6/Tiguan

The tweeter needs to be adapted in factory location (fixing, glueing...)

Diameter: 6 1/2" (165mm)

Fiberglass cone

Aluminum inverted dome tweeter

Integrated crossover: 6dB/oct

Max. power: 120W

Nom. power: 60W RMS

Sensitivity (2.83V/1m): 92dB

Frequency response: 60Hz-20Khz

Nominal impedance: 4Ω

**IC 165 VW**

2-way coaxial kit

Rear or front assembly for car without tweeter factory location (Polo/Jetta...)

Diameter: 6 1/2" (165mm)

Fiberglass cone

Aluminum inverted dome TN44 tweeter

Integrated crossover: 6dB/oct

Max. power: 120W

Nom. power: 60W RMS

Sensitivity (2.83V/1m): 92dB

Frequency response: 60Hz-20Khz

Nominal impedance: 4Ω

* Non-exhaustive list of vehicles (update on www.focal.com).

** Assembly can be different by countries.

**TOYOTA®** is a registered trademark.

**VOLKSWAGEN®** is a registered trademark.

**IFP 207**

2-way component + coaxial kits

Cars compatibility: (Front assembly):

- 207
- 307 (with technical modifications)
- 308 (with technical modifications)

Diameter: 6 1/2" (165mm)

Polyglass cone

TNB Aluminum/Magnesium inverted dome tweeter

Integrated crossover: 6/18dB/oct

Max. power: 140W

Nom. power: 70W RMS

Sensitivity (2.83V/1m): 92.7dB

Frequency response: 70Hz-25kHz

* Installation 100% dedicated to Peugeot 207 in less than an hour.

Watch the demonstration video: www.focal.com/ifp207/en

**IFP 207**

2-way component + coaxial kits

Cars compatibility (Front assembly):

- 207

Diameter: 6 1/2" (165mm)

Polyglass cone

TNB Aluminum/Magnesium inverted dome tweeter

Integrated crossover: 6/18dB/oct

Max. power: 120W

Nom. power: 60W RMS

Sensitivity (2.83V/1m): 92dB

Frequency response: 70Hz-25kHz

Installation 100% dedicated to Peugeot 207 in less than an hour.

Watch the demonstration video: www.focal.com/ifp207/en

**IFP 207**

2-way component + coaxial kits

Cars compatibility (Front assembly):

- 207

Diameter: 6 1/2" (165mm)

Polyglass cone

TNB Aluminum/Magnesium inverted dome tweeter

Integrated crossover: 6/18dB/oct

Max. power: 120W

Nom. power: 60W RMS

Sensitivity (2.83V/1m): 92dB

Frequency response: 70Hz-25kHz

* Non-exhaustive list of vehicles (update on www.focal.com).

** Assembly can be different by countries.

**PEUGEOT®** is a registered trademark of PSA®.

* Non-exhaustive list of vehicles (update on www.focal.com).

** Assembly can be different by countries.

** VOLKSWAGEN®** is a registered trademark.

* Non-exhaustive list of vehicles (update on www.focal.com).

** Assembly can be different by countries.

* Non-exhaustive list of vehicles (update on www.focal.com).

** Assembly can be different by countries.

** TOYOTA®** is a registered trademark.

* Non-exhaustive list of vehicles (update on www.focal.com).

** Assembly can be different by countries.
**IFBMW-S**

- **2-way component kit**
- **Cars compatibility**:
  - BMW X1 (E84)
  - BMW 5 serie (F10*)
  - BMW 3 serie (E90/91/F30/F31*)
  - BMW 1 serie (E81/82/87/88/F20*)
- **Nominal impedance**: 4Ω
- **Nominal power**: 80W
- **Max power**: 180W
- **Sensitivity**: 90.5dB
- **Frequency response**: 45Hz-150Hz
- **Dimensions**:
  - 13/16” (71.5x344x250mm)
- **Weight**: 1.2lbs (550g)
- **Protection**: Short circuit/over-current/reverse polarity/DC/voltage drop/heat protection
- **Copy Mode**: (4CH/2CH)
- **Adjustable Phase**: 0/180° on channels 3/4
- **Configurable Crossovers**: from 40Hz-200Hz on channels 3/4
- **Activatable/deactivatable crossovers fixed at 75Hz on channels 1/2
- **Power max (4Ω bridged)**: 4x80W RMS
- **Power max (2Ω)**: 2x160W RMS
- **CEA power (4Ω)**: 4x55W RMS
- **Class D ultra-compact 4 channels amplifier - 4/3/2 channels**
  - **Impulse 4.320**
  - **Active bass enclosures**
- **Ibus 2.1**
  - **Thru 2.1 system - Unique concept**
  - 1 amplifier for the subwoofer + 1 amplifier for the front channels very high power.
- **Ibus 20**
  - **Active subwoofer with 8" (20cm) subwoofer**
  - **Active 2.0 ch system**
  - **IY Bus**
  - **Active bass enclosures**

*Technical wire adaptation to fit to those cars models.

Non-exhaustive list of vehicles (update on www.focal.com).

INTEGRATION | PLUG & PLAY
---|---
2-way component + coaxial kits + subwoofer | BMW*
**ISU 130**

- **2-way component kit**
- **Diameter:** 6x9” (164x235 mm)
- **Mounting depth:** 3 5/16” (83.5mm)
- **Voice-coil diameter:** 1” (25mm)
- **Mounting depth:** 59/64” (21/64mm)
- **Max. power:** 80 W RMS
- **Nom. power:** 60W RMS
- **Frequency response:** 55Hz-21kHz
- **Sensitivity (2.83V/1m):** 94dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Supplied without grille**
- **Accessories:** Tweeter support, crossover on connectors, supplied without grille

**ISU 165**

- **2-way component kit**
- **Diameter:** 5” (130mm)
- **Mounting depth:** 2 9/32” (63.5mm)
- **Voice-coil diameter:** 1” (25mm)
- **Mounting depth:** 1 5/16” (29/32mm)
- **Max. power:** 140W
- **Nom. power:** 100W
- **Frequency response:** 60Hz-21kHz
- **Sensitivity (2.83V/1m):** 93dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Integrated crossover:**

**ISU 690**

- **2-way component kit**
- **Diameter:** 5x7” (130x180mm)
- **Mounting depth:** 2” (50mm)
- **Voice-coil diameter:** 1” (25mm)
- **Mounting depth:** 3 9/32” (32.5mm)
- **Max. power:** 160W
- **Nom. power:** 120W
- **Frequency response:** 55Hz-21kHz
- **Sensitivity (2.83V/1m):** 94dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Integrated crossover:**

**Tweeter TWU 1.5**

- **Max. power:** 100W
- **Nom. power:** 70W RMS
- **Frequency response:** 80Hz-21kHz
- **Sensitivity (2.83V/1m):** 90.3dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Integrated crossover:**

**ICU 100**

- **2-way coaxial kit**
- **Diameter:** 6x9” (164x235mm)
- **Mounting depth:** 3” (76mm)
- **Voice-coil diameter:** 1” (25mm)
- **Mounting depth:** 1” (25mm)
- **Max. power:** 120W
- **Nom. power:** 80W RMS
- **Frequency response:** 80Hz-21kHz
- **Sensitivity (2.83V/1m):** 93dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Integrated crossover:**

**ICU 130**

- **2-way coaxial kit**
- **Diameter:** 5” (130mm)
- **Mounting depth:** 2” (50mm)
- **Voice-coil diameter:** 1” (25mm)
- **Mounting depth:** 3 9/32” (32.5mm)
- **Max. power:** 140W
- **Nom. power:** 100W
- **Frequency response:** 60Hz-21kHz
- **Sensitivity (2.83V/1m):** 93.6dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Integrated crossover:**

**ICU 690**

- **2-way coaxial kit**
- **Diameter:** 5x7” (130x180mm)
- **Mounting depth:** 2” (50mm)
- **Voice-coil diameter:** 1” (25mm)
- **Mounting depth:** 3 9/32” (32.5mm)
- **Max. power:** 160W
- **Nom. power:** 120W
- **Frequency response:** 55Hz-21kHz
- **Sensitivity (2.83V/1m):** 94dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Integrated crossover:**

**ICU 570**

- **2-way coaxial kit**
- **Diameter:** 5x7” (130x180mm)
- **Mounting depth:** 2” (50mm)
- **Voice-coil diameter:** 1” (25mm)
- **Mounting depth:** 3 9/32” (32.5mm)
- **Max. power:** 140W
- **Nom. power:** 100W
- **Frequency response:** 60Hz-21kHz
- **Sensitivity (2.83V/1m):** 93dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Integrated crossover:**

**ICU 690**

- **2-way coaxial kit**
- **Diameter:** 5x7” (130x180mm)
- **Mounting depth:** 2” (50mm)
- **Voice-coil diameter:** 1” (25mm)
- **Mounting depth:** 3 9/32” (32.5mm)
- **Max. power:** 160W
- **Nom. power:** 120W
- **Frequency response:** 55Hz-21kHz
- **Sensitivity (2.83V/1m):** 94dB
- **6dB/oct**
- **Aluminum/Magnesium inverted dome tweeter**
- **Integrated crossover:**

**EASILY IMPROVE...**

- Clearer and more detailed sound
- Compact Shape
- Inversion Al/Mg* dome tweeter
- Flush, surface, tilted mounting, in factory location
- Optimal dimensions and depth
- Basket

**...YOUR OEM AUDIO SYSTEM**

- High performance tuning
- Adjustable Tweeter Level
- High frequencies performance tuning
- EASILY IMPROVE...
When you replace your factory audio system, you’re bound to have high expectations in terms of acoustics. Accessories are essential components of your audio architecture for helping you to achieve the sound you want. Focal offers various solutions for meeting your amplification needs with the *Hilo V2*. Accessories and cables also optimize the connections between your system’s elements: the head unit, the electronics and the acoustic components. They guarantee high-quality audio and ensure the safety of your hi-fi installation, and they meet your expectations in terms of hi-fi quality.

By using the appropriate accessories, you’re sure to get the best out of your audio system.

**Hilo.V2**

Converts a stereo amplified signal in two low-level line outputs for an amplifier.

- Eliminates parasitic interferences - separated grounds
- Selectable DC and AC voltages detection and is compatible with any original manufacturer head-units.
- It automatically generates a remote control signal to activate the associated amplifier can be used in passive mode without 12V power supply (in that case the remote output doesn’t work).
### ACCESSORIES

#### Cables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>ER1</td>
<td>RCA cable</td>
<td>1m (3.3ft)</td>
<td>2x90° bent plugs and 2 straight plugs</td>
</tr>
<tr>
<td>ER3</td>
<td>RCA cable</td>
<td>3m (9.9ft)</td>
<td>2x90° bent plugs for difficult locations</td>
</tr>
<tr>
<td>ER5</td>
<td>RCA cable</td>
<td>5m (16.4ft)</td>
<td>Male/male plugs, 2x90° bent plugs</td>
</tr>
<tr>
<td>EY05</td>
<td>RCA cable</td>
<td>1x5m (16.4ft)</td>
<td>2x90° bent plugs</td>
</tr>
<tr>
<td>ES15</td>
<td>Flat speaker cable</td>
<td>1 roll: 15 AWG</td>
<td>12mx1.5mm (39ft)</td>
</tr>
<tr>
<td>ES25</td>
<td>Flat speaker cable</td>
<td>1 roll: 13 AWG</td>
<td>12mx2.5mm (39ft)</td>
</tr>
<tr>
<td>PS15</td>
<td>Flat speaker cable</td>
<td>1 roll: 11 AWG</td>
<td>12mx4mm (39ft)</td>
</tr>
<tr>
<td>PR5</td>
<td>RCA cable</td>
<td>4m (13.1ft)</td>
<td>2x90° bent plugs and 2 straight plugs</td>
</tr>
<tr>
<td>PK21</td>
<td>Complete supply kit</td>
<td>9AWG</td>
<td>16ft (4.9m) supply cable (8.3mm²)</td>
</tr>
<tr>
<td>PK8</td>
<td>Complete supply kit</td>
<td>8AWG</td>
<td>16ft (4.9m) supply cable (8.3mm²)</td>
</tr>
</tbody>
</table>

#### Acoustic insulation & tools

**B.A.M.**

3 technical materials, 3 strategic functions

This acoustic insulation kit is completing and essential to a quality car audio installation. From its use depends optimum acoustic rendering of speakers, amplifiers and installed accessories. Technical materials made of honeycombed damping material, an aluminum sheet and a viscoelastic complex (Butyl).

**B.A.M. XXXL**

1 roll of 19 11/16"x236 1/4" (50x600cm) (3m²)

**B.A.M. XXL**

1 sheet 19 11/16"x78 3/4" (50x200cm) (1m²)

**B.A.M. XL**

1 sheet 19 11/16"x39 3/4" (50x100cm) (0.5m²)

**Tool Set**

Set of 11 composite tools to remove door panel. The complementary product for quality car audio installations without risk of aesthetic damage.

**B.A.M.**

3 technical materials, 3 strategic functions

This acoustic insulation kit is completing and essential to a quality car audio installation. From its use depends optimum acoustic rendering of speakers, amplifiers and installed accessories. Technical materials made of honeycombed damping material, an aluminum sheet and a viscoelastic complex (Butyl).