FLUX

SIGNATURE SERIES

User Manual

SIGNATURE-260 (2 Way Speaker System)

SIGNATURE-360 (3 Way Speaker System)

Made In Germany

SIGNATURE

“Redefining Perfection” was the vision that inspired the creation of Signature. After years of constant research and development, Signature is finally here to turn the vision into reality. Offering audiophiles audio-quality that is completely out of this world.

Signature perfectly brings out every note and detail.

Built with the latest most advanced tools and technology, Signature delivers sophistication in its sound quality. With high clarity, shockingly deep bass and impeccable acoustic performance, experience immersion from every piece of music.

Congratulation

You have just purchased the best in FLUX Car HiFi loudspeaker systems, this may well be the best purchase you will ever make. Be prepared to experience the peak of sound performance and maximum listening pleasure.

WARNING

ATTENTION -
Continuous, excessive exposure to sound pressure levels in excess of 85dB can cause loss of hearing. FLUX components are capable of producing sound levels greater than 85dB.

VOLUME AND DRIVER AWARNES -
Use of speakers can limit your ability to hear necessary traffic sounds and may cause potential hazard whilst driving your vehicle. FLUX accepts no liability for any injury or property damage as a result of product misuse.

WARANTY RETURN -
FLUX product warranty only applies if the enclosed warranty card is returned to us or our authorized dealers where you have purchased this product, maximum 10x24 hours of purchase.

SIGNATURE SR-165

Midwoofer Speaker

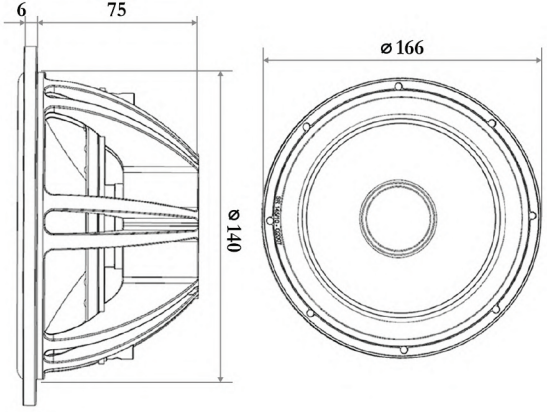
Feature

Diameter Size	6.5 inch
Mounting Depth	75 mm
Cone Material	Non Press Paper Based Coniferous Wood
Basket Masterial	Alumunium Die Cast
Surround	Butyl Rubber
Magnet	Neodymium

Specification Data

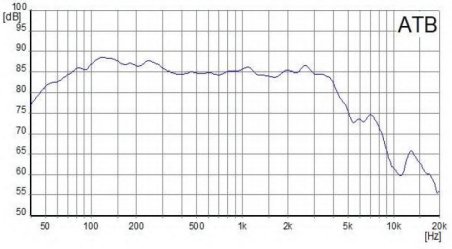
DC Restance		2.8 Ohm
Nominal Impedance		3 Ohm
Power Handling		100 Watt
Resonance Frequency		63.72 Hz
Voice Coil Diameter		37 mm
Voice Coil height		15 mm
Mechanical Q Factor	Qms	7,84
Total Q factor	Qts	0,57
Efficiency	n	0,36 %
Sensitivity SPL 1W/1m		93 dB

Drawing Dimension

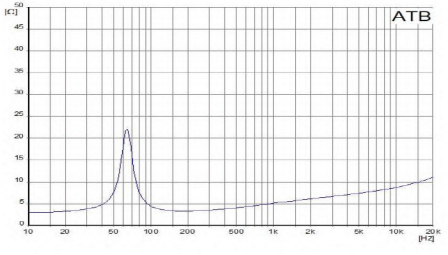


Dimension in : mm

Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



SIGNATURE SR-80

Midrange Speaker

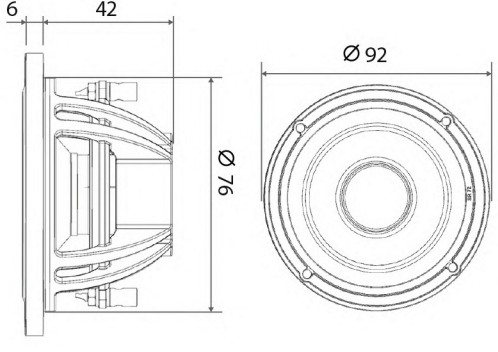
Feature

Diameter Size	3.5 inch
Mounting Depth	42 mm
Cone Material	Non Press Paper Based Coniferous Wood
Basket Masterial	Alumunium Die Cast
Surround	Butyl Rubber
Magnet	Neodymium

Specification Data

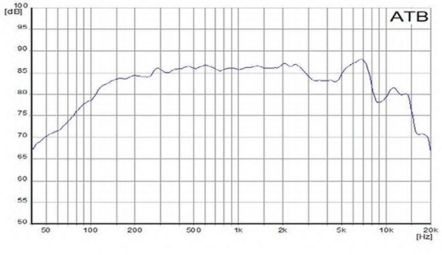
DC Restance		2.8 Ohm
Nominal Impedance		3 Ohm
Power Handling		100 Watt
Resonance Frequency		112,46 Hz
Voice Coil Diameter		25 mm
Voice Coil height		6,5 mm
Mechanical Q Factor	Qms	3,36
Total Q factor	Qts	0,41
Efficiency	n	0,34 %
Sensitivity SPL 1W/1m		88 dB

Drawing Dimension

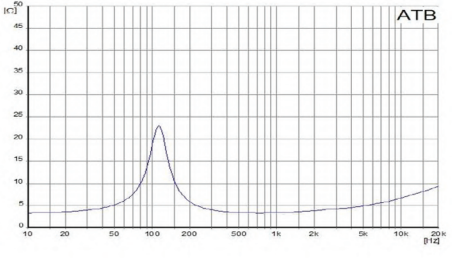


Dimension in : mm

Frequenzgang / Frequency response *[1W/1m]*



Impedanzverlauf / Impedance



SIGNATURE SR-28

Tweeter

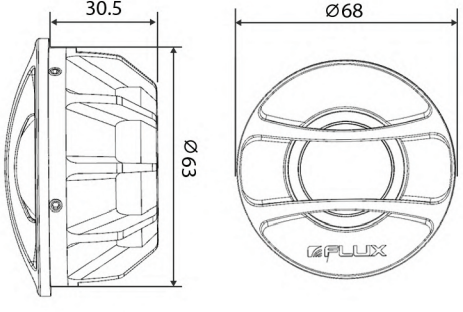
Feature

Diameter Case	68 mm
Mounting Depth	30.5 mm
Dome Material	Special Coated Silk
Case Masterial	Alumunium Die Cast
Surround	Butyl Rubber
Magnet	Neodymium

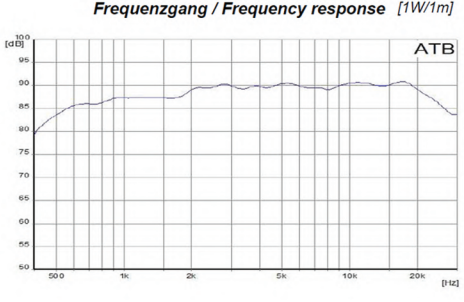
Specification Data

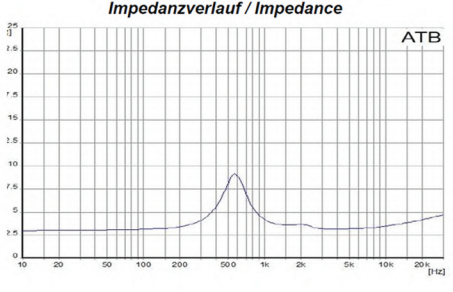
DC Restance	2.8 Ohm
Nominal Impedance	3 Ohm
Max. Peak Power Handling	100 Watt
Resonance Frequency	575 Hz
Voice Coil Diameter	28 mm
Voice Coil Height	1,4 mm

Drawing Dimension



Dimension in : mm





INSTALLATION

It is recommended that your FLUX speakers are installed by FLUX Authorized Dealers. This will ensure the use of proper installation techniques which will save you time and potential costs from damages.

Do not use your vehicle until all components of the loudspeaker system have been tightly secured to the interior framework. Since loose parts may cause the components to dangerously fly in the case of a sudden stop or accident.

Do not drill or drive screws through any vehicle interior or carpeted floors before inspecting the underside for potential punctures to the control lines or cables. Take extreme care when working near the fuel tank, gas lines, brake lines, hydraulic lines, and electrical wiring

Turn off the audio system whilst performing installation work, it is advisable to disconnect the negative (-) terminal of your vehicle battery whilst installing. Once installed it is recommended to turn on the various components and advance the volume slowly.

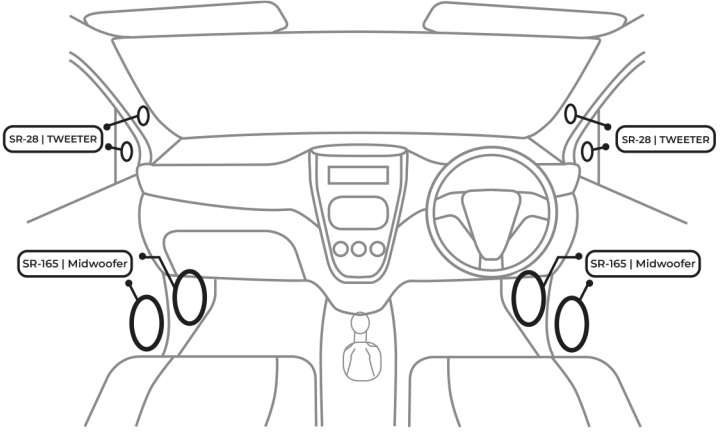
Remember to always cross-check all connections to ensure proper installation and use.

Do not exceed the indicated maximum operational power. Please ensure the same polarity is used in the loudspeaker, crossover, and amplifier. If speakers are wired out of phase, it will cause an unnatural sound without the bass.

2 Way Speaker Positioning

The 2-way speaker system supports the tweeter and midbass drivers, commonly positioning the tweeters on the dashboard of pillar A, while the midbass is in the door trim or placed under the door panels.

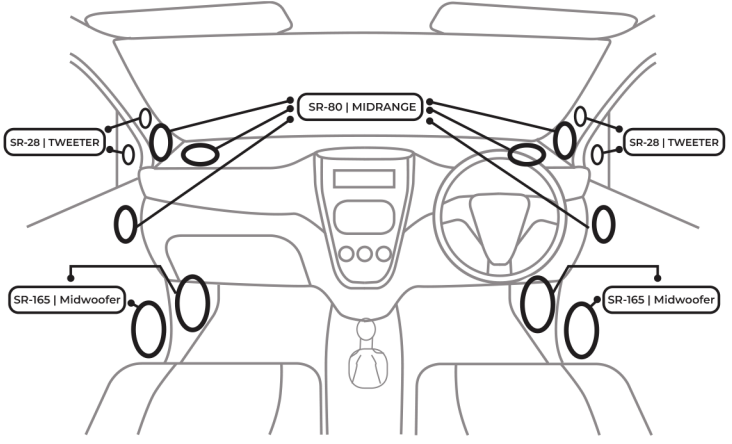
Placement on the pillar A allows for a relatively unobstructed view from the driver, this system is more commonly used, because of its simplicity.



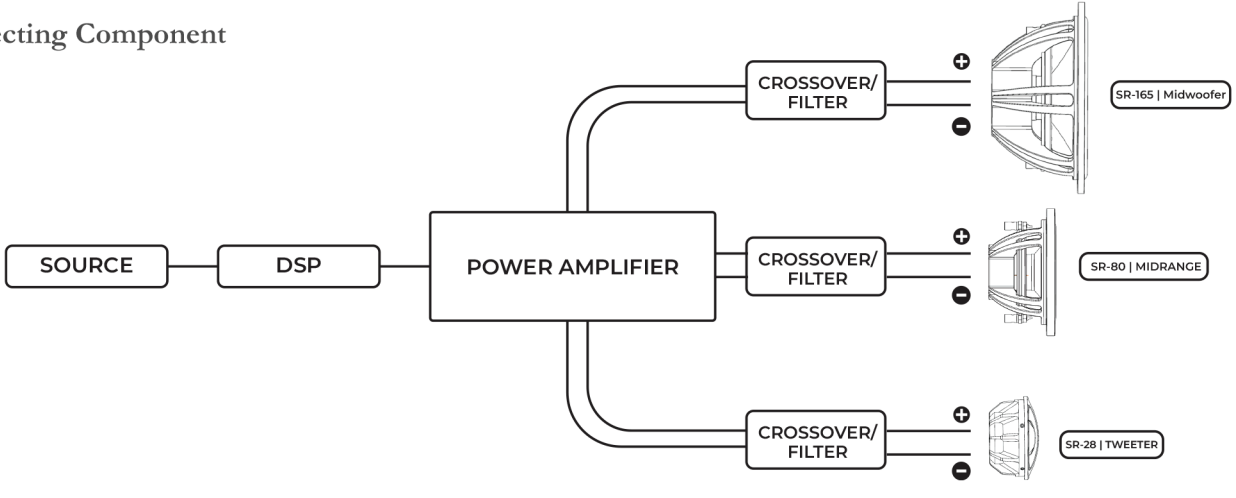
3 Way Speaker Positioning

The 3-way speaker systems consisting of fixed tweeter and midbass driver allows for the creation of high-frequency sounds that are more focused and bold, this allows the midrange to fill in for the limited abilities of the tweeters and midbass.

Midbass drivers can be more focused and provide solid vocal or high-frequency sounds that are more thicker due to the tweeter and midrange being placed on the dashboard of pillar A.



Connecting Component

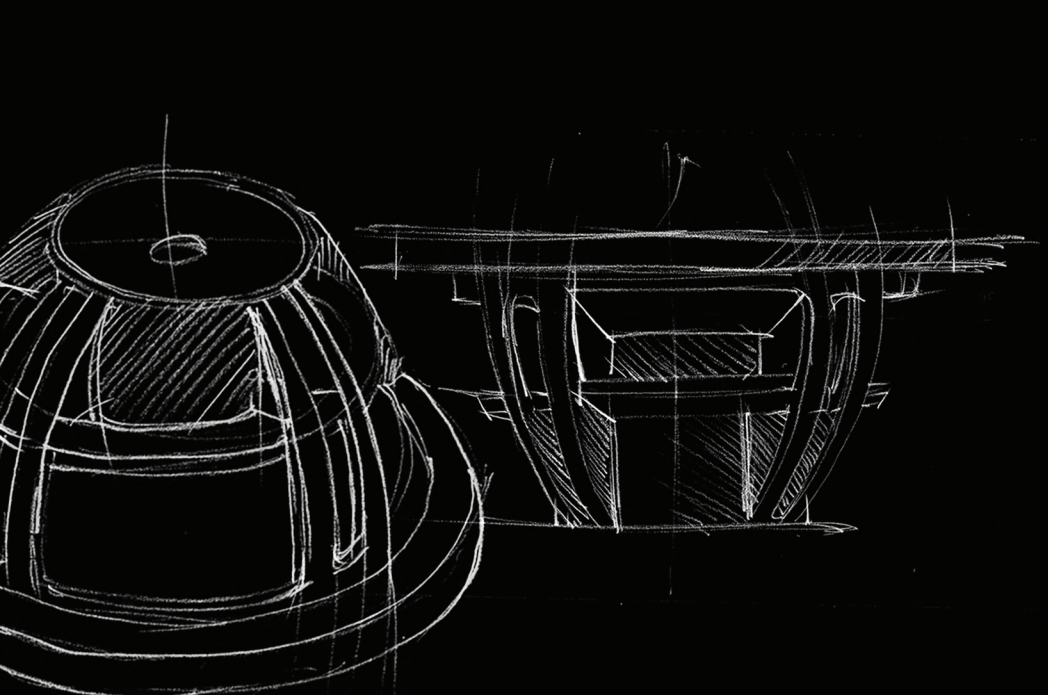


RUNNING PERIOD / BREAK IN

To ensure such complex mechanical elements to work in harmony together, they must be allowed to function properly in their respective roles in this environment. Changes in temperature and humidity are regarded as very hostile. For speakers, a running-in period must be used to ensure they are prepared for this.

It is recommended that once the system is ready the drive units should be run-in with medium volume settings, with music that has full band-widths of frequencies. This running-in period should be done for a minimum of 24 hours and for maximum potential should be done in a few weeks. After which the excellent performance of your system can be fully appreciated.

Note



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www.flux-audio.com