



XUST30W-XUSM6i-XUSM8i-XUSM10

ULTRA SQL SERIES

OWNERS MANUAL

Welcome

Thank you for purchasing a Xcelsus Audio speaker. You have chosen a model from our ULTRA SQL speaker line. If you feel confident with your installation skills and have the proper tools, please follow the instruction outlined below. A poor installation job can destroy the final result of even the best speakers so if you feel unsure, turn over the installation job to someone better suited to it.

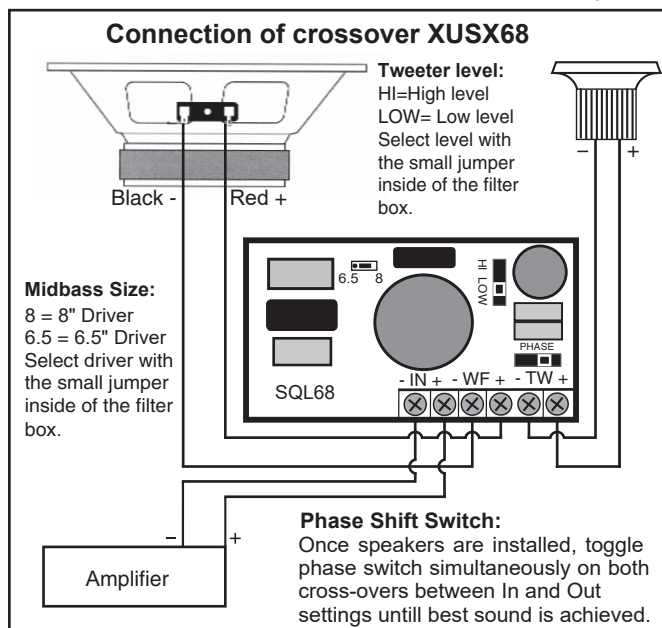
Installation

Mount the speakers in the door or in the dashboard of your car. Normally they will fit in the factory pre-made mounting holes. If you want an improved sound, reinforce with a baffle of MDF-board or similar. An installation high up on the door side will achieve the best sonic results.

In many vehicles there are factory made places for tweeters that you can use for installation. If this is impossible, try to install the tweeter close to the bass/mid driver. The tweeter can also be installed on the dash-board, or recessed in the door.

It is important to fasten the speakers securely in order to avoid bad sound from poorly mounted installation.

Connect the speakers and crossovers as in this drawing:



Technical Assistance

For technical assistance ask the shop where the product was sold or the distributor in your country.

You can also send an e-mail to info@xcelsus.se

More information can also be found at www.xcelsus.se

We follow a policy of continuous advancement in development. For this reason all or part of specifications & designs may be changed without prior notice.

Technical data

Size	30 mm / 1,18"
Nom. power handling	(RMS) 65 Watt, 100 Watt max
Frequency response	1,5 kHz-25 kHz
Sensitivity	94 dB
Magnet diameter	36 mm/1,42" neodymium magnet
Mounting depth	55 mm / 2,16" (recessed install)
Mounting hole	70 mm / 2,75" (recessed install)
Dome material	Textile fibre

XUST30W tweeter

Technical data XUSM6i mid bass driver

Impedance	4 ohm
Nom. power RMS	120 W
Max / peak power	200 W / 300 W
Cone material	Non pressed paper
Woofer size	6,5"(16,5 cm)
Magnet size	100 mm / 4"
Sensitivity	91 dB
Mounting depth	65 mm / 2,56"
Mounting hole	145 mm / 5,7"
Fo	96.028Hz
Mms	15.128g
Mmd	14.248g
Qms	6.486
Qes	0.602
Qts	0.0551
Vas	4.543L

Technical data XUSM8i mid bass driver

Impedance	4 ohm
Nom. power RMS	120 W
Max / peak power	200 W / 300 W
Cone material	Non pressed paper
Woofer size	8"(20 cm)
Magnet size	100 mm / 4"
Sensitivity	92 dB
Mounting depth	95 mm / 2,56"
Mounting hole	145 mm / 5,7"
Fo	76.127Hz
Mms	27.413g
Mmd	25.616g
Qms	3.318
Qes	0.808
Qts	0.650
Vas	10.351L

Technical data XUSM10 mid bass driver

Impedance	4 ohm
Nom. power RMS	120 W
Max / peak power	200 W / 300 W
Cone material	Non pressed paper
Woofer size	10"(25 cm)
Magnet size	100 mm / 4"
Sensitivity	92 dB
Mounting depth	95 mm / 2,56"
Mounting hole	145 mm / 5,7"
Fo	76.127Hz
Mms	27.413g
Mmd	25.616g
Qms	3.318
Qes	0.808
Qts	0.650
Vas	10.351L

Warranty service

This speaker is covered by warranty, depending on the conditions in the country where it is sold. If the speaker is returned for service, please include the original dated receipt (or a copy) with the product.



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Thank you for choosing



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audio

Designed in Sweden and Engineered in Australia