

## ESX QXT6.2C – Speakers for Ford Transit and Tourneo



# Sound in the camper

With the boom in mobile homes, there is a need for sound improvement, just like with cars. In mobile homes in particular, you often travel long distances and you don't want to be annoyed by bad sound, especially on vacation.

ESX knows this too and so there are now speakers for retrofitting to the most common camper platforms. Because retrofitting speakers is the fastest

and usually cheapest way to achieve a noticeable sound improvement. For easy and quick installation, the speakers are as shown here in our QXT6.2C

specially made for the vehicles, so you don't have to mess around with adapters or tinkering. The woofer and tweeter have plug contacts for the original vehicle wiring harness and are connected via plug & play. The ESX tweeter is small enough and equipped with the right noses and recesses that it can simply be replaced with the original.

The bass-midrange driver is equipped with a plastic basket, the Low-pass coil is attached to a basket spoke

At the Woofer comes a specially designed Basket made of ABS plastic is used, which in its dimensions and Attachment points corresponds to the original. The speaker corresponds technically none Universal series from ES are new developments and optimized for their intended use. The bass/midrange driver uses a light paper membrane reinforced with glass fibers. In conjunction with the large 85 millimeter magnet and the 25 millimeter voice coil, this results in a loudspeaker with the potential for very good sound and efficiency. ESX does not experiment with the tweeter; here, as is often the case, a 25 millimeter fabric dome is the method of choice. The crossover is cleverly designed and does not require any installation effort. The low-pass coil is attached directly to the bass/midrange driver's basket, which is not a problem as it is made of non-magnetic plastic. The tweeter has the high-pass capacitor in the connection cable, a very slim solution.

## Measurements and sound

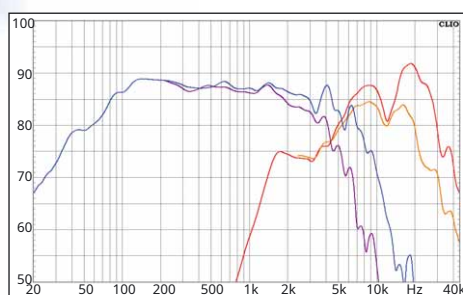
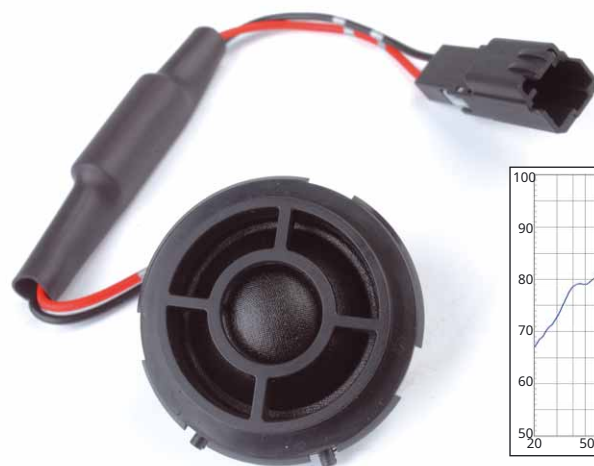
The woofer justifies its relatively flat filtering with almost flawless behavior in front of the measuring microphone. It is well level-stable and operates with very little distortion. Thanks in part to

the 3 ohm coil achieves a good 89 dB at one watt - very good for use with the original radio. The frequency response is also nice and smooth with only minimal, negligible resonance phenomena. The tweeter works well with a dip of around 12 kHz, probably caused by the dome tip oscillating out of phase, but this does not have to be detrimental to the sound. As the listening test shows, the QXT6.2C sounds very well balanced and neutral, but without being boring. The voice reproduction is great and the system can also play dynamically, so percussion is a lot of fun, for example. The tweeter fits seamlessly into the sound and is not annoying - all good.

## Conclusion

With the QXT6.2C, ESX makes owners of Ford Transit and Tourneo campers happy. It sounds great and is perfectly optimized for easy installation - what more could you want?

Elmar Michels



The woofer/midrange driver works almost perfectly and delivers 89 dB. The tweeter works OK with a small dip around 12 kHz

The tweeter crossover is in the form of a capacitor in the connection cable



PRODUCT  
speaker  
**CAR & HiFi** 2/2024

## ESXQXT6.2C

Price around 250 euros  
distribution Audio Design, Kronau  
Hotline 07253 9465-0  
Internet www.esxaudio.com

## Evaluation

sound	55%	1.2	----	-
Bass foundation	11%	1.0	----	-
neutrality	11%	1.0	----	-
transparency	11%	1.5	----	-
Spatiality	11%	1.5	----	-
dynamics	11%	1.0	----	-
laboratory	30%	1.2	----	-
Frequency response	10%	1.5	----	-
Maximum level	10%	1.0	----	-
Distortions	10%	1.0	----	-
Practice	15%	1.3	----	-
Installation	5%	1.0	----	-
Crossover	5%	2.0	----	-
processing	5%	1.0	----	-

## Technical data

Nominal diameter TT	165mm
Installation depth with ring	45mm
Magnet diameter	85mm
Membrane HT	25mm
Housing HT	40mm
Slope TT/HT	6/6dB
Tweeter protection	-
Level adjustment HT	-
suitable for*	Transit, Tourneo
Miscellaneous	-
Nominal impedance	3 ohms
DC resistance Rdc	2.89 ohms
Voice coil inductance Le	0.47mH
Voice coil diameter	25mm
Membrane area Sd	133cm <sup>2</sup>
Resonance frequency fs	59Hz
mechanical quality Qms	4.17
electrical quality Qes	0.65
Total quality Qts	0.56
Equivalent volume Vas	13.5l
Moving mass Mms	13.2g
Rms	1.18kg/s
CMS	0.55mm/N
B*I	4.67 Tm
Sound pressure 2 V, 1 m	89dB
Performance recommendation	30 - 100W

## ESXQXT6.2C

## Ford speakers1.2

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Price / offer: Very good

"Very well done retrofit solution with really good sound."