

ESX SXT800Q – compact subwoofer for camper T5 and T6

Bass in the Bulli

PRACTICAL TIP

Upper class

CAR & HiFi 6/2024

With the SXT800Q, ESX has a beautifully compact bass box on offer that has a lot to offer – it is designed to bring bass to VW's popular travel vans.

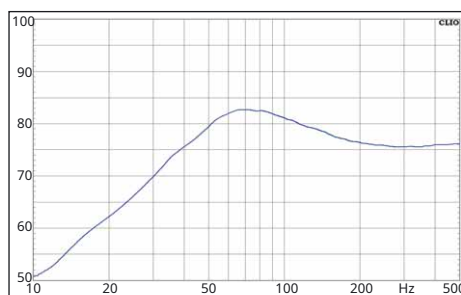
The SXT looks crooked when you first see it. There is a reason for the small number of right angles, of course, because the SXT is tailor-made for a specific installation location, namely under the passenger seat (or driver's seat) in the T5, T6 and T6.1 series camper van. Because in this small class of motorhome, nobody will want a large subwoofer that stands around in the way or eats up valuable storage space. That's why we chose to integrate it into the seat console and tailor a precisely fitting housing made of MDF. The connection of the woofer without bulky connection boxes is very well solved using a 4-pin Molex plug with a sufficiently long cable for the woofer's double voice coil. Inside is an eight-inch speaker with a paper membrane and foam surround. Two 20 millimeter ferrite rings provide power to the 2 x 2 ohm coil, which can also be easily supplied with a small multi-channel power amplifier. The metal basket is fine, as is the drive with a pressed pole core and only a punched pole plate. The downfire principle with the tailor-made feet and the additional protective grille is well done, a very solid thing.

The SXT works with a 20 Double swing-coilwoofer



Measurements and sound

The small eight-incher feels right at home in the housing, and as a reward it has a very nice frequency response with a flat slope to low frequencies. The only 83 dB is due to the small membrane and the closed housing, but the SXT delivers good bass for such a small housing. In the listening test it sounds quite powerful, the little one delivers a decent level and plays beautifully dynamically. It really likes rock music with fat bass drums, it is really fun here and the sound is just right because it is precise, but with the necessary pressure. There is no torture with electronic



Nice amplitude response in the closed housing thanks to appropriate tuning

The SXT complains surprisingly late about the ronal deep bass, but if you don't overdo it with the volume, you get cleanly presented bass that you wouldn't have expected from the little one.

Conclusion

Nicely made and practical, this subwoofer should please van drivers, the SXT800Q brings the right amount of fun without being too visually noticeable.

Elmar Michels

ESX SXT800Q

Price	around 230 euros
distribution	Audio Design, Kronau
Hotline	07253 9465-0
Internet	esxaudio.com

Evaluation

sound	50%	1.1	----	-
Depth	12.5%	1.5	----	-
Pressure	12.5%	1.5	----	-
cleanliness	12.5%	1.0	----	-
dynamics	12.5%	0.5	----	-

laboratory	30%	1.8	----	-
Frequency response	10%	1.0	----	-
Efficiency	10%	3.0	----	-
Maximum level	10%	1.5	----	-

processing	20%	1.5	----	-
------------	-----	-----	------	---

Technical data

Basket diameter	21.0cm
Installation diameter	18.6cm
Installation depth	12.2cm
Magnet diameter	11.0cm
Housing width	34.5cm
Housing height	19.5cm
Housing depth	35.5cm
Weight	7.1kg

Nominal impedance	2 x 2 Ohm
DC resistance Rdc	4.33 ohms
Voice coil inductance Le	2.72mH
Voice coil diameter	50mm
Membrane area	224cm ²
Resonance frequency fs	33Hz
mechanical quality Qms	6.30
electrical quality Qes	0.72
Total quality Qts	0.64
Equivalent volume Vas	20.7l
Moving mass Mms	81g
Rms	2.64kg/s
CMS	0.29mm/N
B xl	10.03 Tm
Sound pressure 1 W, 1 m	83dB
Performance recommendation	100-300W
Test housing	g 11 l
Reflex channel (dxl)	-

ESX SXT800Q

Upper class

1.4

CAR & HiFi 6/24

Price/performance: very good

"Practical thing for the van."