

# PASSIVE RADIATORS

Order ID: 830468, 830481.

The passive radiator version of the 10" XLS family of drivers. The passive radiator is available in three different standard moving masses. To enable the designer to fine-tune the moving mass an M5 threaded hole has been added on the mass block. This way extra mass can be added in an easy and simple way. The moving components and the frame are the same as the 10" active driver providing the solid base for a high performance passive radiator.



#### Thiele Small parameters:

		830468	830481
Resonance Frequency	fs (Hz)	13.7	11.2
Mechanical Q factor	Qms	11.4	14
Equivalent volume	VAS (ltrs)	80	80
Mechanical resistance	Rms (Kg/s)	2	2
Moving mass	Mms (g)	265	400
Suspension compliance	Cms (mm/N)	0.508	0.508
Effective piston area	Sd (cm <sup>2</sup> )	333	333
Xmax Peak	mm	22	22

Order ID: 830548

The passive radiator version of the 12" XLS family of drivers. The passive radiator is available in three different standard moving masses. To enable the designer to fine-tune the moving mass an M5 threaded hole has been added on the mass block. This way extra mass can be added in an easy and simple way. The moving components and the frame are the same as the 12" active driver providing the solid base for a high performance passive radiator.



#### Thiele Small parameters:

Resonance Frequency	fs (Hz)	10.4
Mechanical Q factor	Qms	15.2
Equivalent volume	VAS (ltrs)	169.6
Mechanical resistance	Rms (Kg/s)	1.8
Moving mass	Mms (g)	425
Suspension compliance	Cms (mm/N)	0.55
Effective piston area	Sd (cm <sup>2</sup> )	466
Xmax Peak	mm	24