

Eton MOVE 10-300AR and MOVE 12-400AR - affordable active subwoofers reviewed

# Bass for everyone



**Simple connection: inputs and power supply can be quickly connected and disconnected thanks to Molex connectors**

► **Affordable full-size bass easily installed is how you could sum up the philosophy of Eton's Move bass boxes. The editorial team has tested this new edition.**

Eton has recently emerged as an active subwoofer specialist. Beside compact enclosures for placing under the seat or the spare wheel compartment there are also the good old bass boxes from the Move series. The cost of these has been deliberately kept down so as to also offer first-time buyers full-featured bass reproduction. However, low-cost does not mean cheap: that is strikingly demonstrated by the new enclosures. Here we are dealing with solid MDF enclosures that are very strongly made out of perfectly milled boards. For an appealing look the enclosure lids are not

parallel to the floor but slightly inclined. The Eton look is achieved through the tough, quality PU coating. Another smart thing: The acoustic baffle is set back a couple of centimeters so that the protective perforated grid closes off the front neatly. Mounted in a side wall is the amplifier module, which has its own MDF compartment so that the bass enclosure remains airtight. The mono amplifier works on the analog Class AB principle and poses no mysteries. As regards features we have a remote control, a choice between high or low level inputs, and a bass boost. The

woofers fitted come either in a 10in or 12in format. They are equipped with simple steel baskets and work with paper cones set in foam surrounds. The drivers are identical for both 10in and 12in, and we find generous 50 mm voice coils, which is absolutely appropriate in this class.

### Measurements and Sound

Even though the Move 12 amplifier module has a heat sink that is a couple of centimeters longer, the two amps are technically identical. At 86 watts the output of their predecessors has been maintained. It is good that this is passed on to the 4 ohm voice coils as a clean analog signal with very little distortion. Also maintained is the bass EQ, that achieves a mind-boggling 8 dB boost at 65 Hz, which basically no one needs. Useful on the other hand is the fixed infrasonic filter, that keeps the woofer frequencies under 30 Hz away at bay. Also very well done is the



For both woofers the power comes from an analog mono power amp.

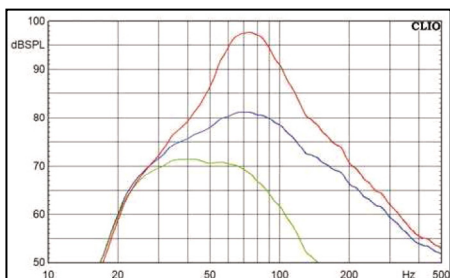


The Move units work with solid metal basket woofers that radiate the sound via paper cones.

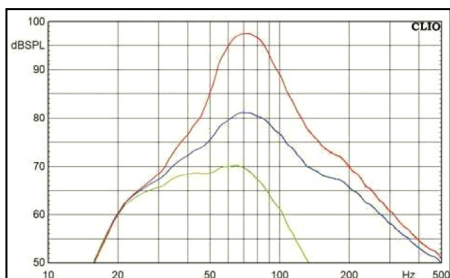
tuning of the enclosures that offer a usable frequency range from 30 to 120 Hz. Given the light oscillating elements, the 90 watts is more than sufficient for decent levels, which in a car is not hard to appreciate. The deep bass response of both Move models also leaves nothing to be desired. At the same time there is hardly any difference between the compact Move 10-300AR and the generously sized Move 12-400AR. This shows up primarily in the level, with the bigger model naturally being somewhat ahead. The more rounded overall package we have in front of us is the 10in, which holds its own overall, and is even more dynamic.

### Summary

Both Move subwoofers offer full-featured bass reproduction along with easy installation. The very nice and compact Move 10-300AR is already wholly convincing in its own right; the Move 12-400AR is the right choice if you want it louder.



Move 10-300AR runs a tick more harmonically than the 12in; for both the crossovers work perfectly



Move 12-400AR has its favorite frequencies around 70 Hz, and they get extra support from the boost

Subwoofer	Eton Move 10-300AR	Eton Move 12-400AR
Distributor	ACR, CH-5330 Zurzach	ACR, CH-5330 Zurzach
E-Mail	info@etongmbh.com	info@etongmbh.com
Internet	www.etongmbh.com	www.etongmbh.com
▶ Sound quality	30 % 1,1	1,3
Bass	7,5 % 1,0	1,0
Pressure	7,5 % 1,0	1,0
Clearance	7,5 % 1,5	1,5
Dynamics	7,5 % 1,0	1,5
▶ Lab	40 % 1,6	1,5
Frequency	10 % 1,0	1,0
Max. volume	10 % 1,5	1,0
Amp power	20 % 2,0	2,0
▶ Practice	30 % 1,3	1,3
Equipment	10 % 1,5	1,5
Workmanship electr.	10 % 1,5	1,5
Workmanship mech.	10 % 1,0	1,0

### Technical data

Cabinet width W	45,0 cm	50,0 cm
Cabinet height H	34,0 cm	35,0 cm
Cabinet depth D	35,5 cm	38,5 cm
Type / volume	BR 25 l	BR 35,5 l
Port tube (d x l)	7 x 20 cm	7 x 22 cm
Weight	11,8 kg	14,4 kg
Chassis diameter	25 cm	30 cm
Nominal impedance	4 Ohm	4 Ohm
Coil diameter	50 mm	50 mm
Power @ nominal impedance	86 W	86 W
RCA sensitivity max.	65 mV	65 mV
RCA sensitivity min.	1,6 V	1,6 V
THD +N (<22 kHz) 5W	0,01 %	0,01 %
THD +N (<22 kHz) half load	0,03 %	0,03 %
Signal/Noise Ratio dB(A)	72 dB	72 dB

### Equipment

Low bass	45–120 Hz	45–120 Hz
Bass boost	0–18 dB/65 Hz	0–18 dB/65 Hz
Subsonicfilter	–	–
Phaseshift	–	–
Low-level inputs	•	•
High-level inputs	•	•
Autosense	–	–
Start-stop compatible	• (6,5 V)	• (6,5 V)
Remote	• Gain	• Gain
Other	–	–

### Summary

Price	about 220 Euro	about 240 Euro
Sound quality	30 % 1,1	1,3
Lab	40 % 1,6	1,5
Workmanship	30 % 1,3	1,5
Price/performance	very good	very good

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Ultimate-Class	Ultimate-Class
Top-Class	Top-Class
Upper-Class	Upper-Class
Entry-Class	Entry-Class
<b>1,4</b>	<b>1,4</b>

Mark

„Affordable, bass intensive active-subwoofer.“