



MOSSCADE

Titan generation 4

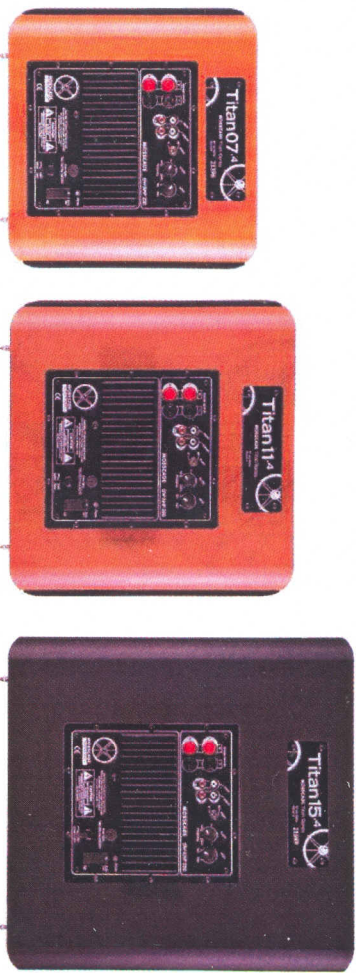
Mosscade's Titans subwoofers have been best sellers in France for a few years now. Their prices and performances made their success.

To remain at the top of technology, Mosscade has made tremendous investments over the past 5 years to study and develop this specific audio component.

Today, Mosscade is proud to present a new line of improved subwoofers which will push the sound barrier a step further.

The Titan 5.4, 7.4, 11.4 and 15.4 subwoofers from Mosscade use a new damped load solution between an active (1) and a passive (2) drivers. This new technology transcribes lower frequencies without any audible saturation and with a high level of acoustic pressure (4 to 10dB higher than the previous generation).

A major evolution has also taken place regarding the amplifiers. The power supply has been improved. The new technique allows the Titans to deliver up to 200 watts RMS for a distortion of less than 1%. The impulsion power is up to 400 watts. More than power, the new Titans transient behavior has been tremendously improved to ease the control of the drivers. Finally, the slope (3) of the low pass crossover has been increased; the 200 Hz is now lowered by more than 40 db!



All amplifiers use « soft-clipping » (4) that limits the risks of an acoustic saturation by permanently controlling the movement of the woofer. This gives a clean bass sound in any listening condition. Titans amplifiers have Stereo input and a high level input (to connect to speakers in parallel) for triphonic systems.

Finally, all these improvements lead to an impressive reduction in size of the Titan line. These will make it even easier to use a Titan subwoofer in your listening room.

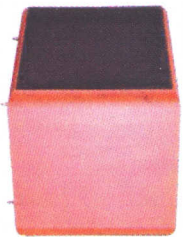


(1) Driver with a diaphragm moved by an electromagnetic motor. The movement is proportional to the electric signal generated by the amplifier. (2) Driver with a diaphragm coupled with an additional mass but without motor. The movement is created by the acoustic coupling of the passive and active drivers. (3) The cut off slope of a crossover shows the level of attenuation of the frequencies located beyond cut off. 24dB per octave means that if the cut off frequency is 80Hz, the 160Hz frequency will have an attenuation of 24dB. (4) Device allowing a progressive limitation of the amplifier's maximum level of output power to avoid any acoustic saturation.

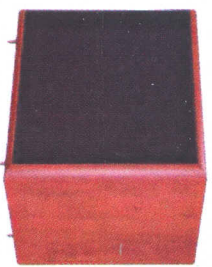
Titan
generation 4



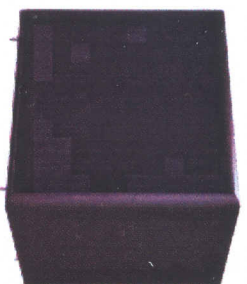
The Titan 5.4 uses two 8" woofers in a very small cabinet. It is ideal to use with bookshelf speakers. Its performances are amazing considering the very limited size of this subwoofer.



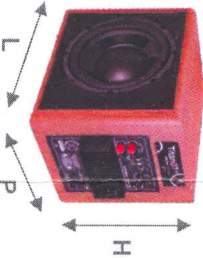




The Titan 7.4 uses two 10" woofers and is particularly adapted for both HiFi and Home theatre with small satellites speakers with low cut off frequencies (around 160 Hz).



The Titan 11.4 confirms once again that it is way ahead of the competition in its segment, notably because of the real presence of the lower bass frequencies it offers, even at high level. It uses two 12.6" woofers.



The Titan 15.4 is the flagship of the new line. It can reach incredible levels of pressure and frequencies. It is the only subwoofers in this price range to use two 15" woofers.

	TITAN 5.4	TITAN 7.4	TITAN 11.4	TITAN 15.4
Sizes (P x H x L)	11.6 x 10.8 x 12 inches (29 x 27 x 30 cm)	13.6 x 12.8 x 14.4 inches (34 x 32 x 36 cm)	15.2 x 14.4 x 16 inches (38 x 36 x 40 cm)	18.4 x 17.6 x 18.4 inches (46 x 44 x 46 cm)
Weight	35 lb (16 kg)	44 lb (20 kg)	55 lb (25 kg)	77 lb (35 kg)
Frequency range (-3dB)	30 to 200 Hz	26 to 180 Hz	20 to 140 Hz	16 to 100 Hz
Driver	2 x 8" (1 x active, 1 x passive)	2 x 10" (1 x active, 1 x passive)	2 x 11.6" (1 x active, 1 x passive)	2 x 15" (1 x active, 1 x passive)
Line Input - Output	2 - 2 filtered (fixed)	2 - 2 filtered (fixed)	2 - 2 filtered (fixed)	2 - 2 filtered (fixed)
High level Input	2 (Left / Right)	2 (Left / Right)	2 (Left / Right)	2 (Left / Right)
Power - Auto On/Off	200/400 W - Yes	200/400 W - Yes	200/400 W - Yes	200/400 W - Yes
Finishes				
Calvados	   			
Black				

SUBWOOFERS

Titan
performance 4