



## **DUO - Active subwoofer for mind-blowing lows**

The usual speakers are expected to reproduce the full frequency range of a signal. In this compromise particularly the lower frequencies of the music to be played are suffering.



Most of us have knowingly or unknowingly resigned and accepted this "castrated" sound the usual speaker systems are offering. On the other hand, low sounds are relying on large volumes of air and big waves as only massive and big driver membranes, powerful and perfectly controlled, can deliver.

When comparing all loudspeaker concepts available today, WLM is strongly recommending separating and allocating the various frequency levels to adequate drivers, preferably not interfering with one-another and operating on different locations.

High and mid range frequencies can be handled by elegant, compact main speakers, the job to reproduce bass frequencies should be given to a loudspeaker having a larger membrane and being capable of "blowing" big volumes. Also, because of the different propagation of lower (larger) waves, it can be placed almost anywhere in the room (preferably somewhere in front of the listener).

In a very convincing way the DUO subwoofer is representing WLM's high level of know-how and expertise in the building of loudspeakers.

As the name connotes, two large bass drivers (having 12", 15" or 18" diameter) are placed horizontally back to back, above and below in the hexagonal DUO box.

Only when you expose yourself to the impact of these extremely powerful drivers will you be aware of the shortcomings you have been



suffering in the meantime and you will find out to which mind blowing lows a full orchestra or an acoustic bass can reach in your listening room.

Like a building, realistic musical recital needs a solid foundation, a solid bass base, on which the more tender and sensible middle and higher frequencies of a signal can rest and extend. Find out for yourself the sovereign and unobtrusive way in which any of the DUOs is doing its job and is thus, in an altruistic manner, supporting the performance of the main speakers.

The teamwork of these speakers is best coordinated by the flexible, external WLM filter modules SYSTEM CONTROL or BASS CONTROL.

## Technical Specification

<b>Duo - Subwoofer - Family</b>			
<b>Model</b>	<b>12</b>	<b>15</b>	<b>18</b>
Drivers	2 x 301 mm	2 x 381 mm	2 x 457 mm
Efficiency	100 dB / 1 Wm		
Max.	500 Watt	800 Watt	800 Watt
Impedance (Ohm)	4	4	4
Weight: in kg	33	44	52
Dimensions (HxWxD) mm	800x360x360	800x430x430	800x480x480