

# Compact speaker - CRITERION TAL XM

## Specifications



In the Criterion family, blessed as it is with a rich brood of amazing youngsters, the **TAL XM** may appear to be an intruder. We believe that powerful, accurate bass is an imperative component of real musical enjoyment. That is why we have never included a small speaker in the Criterion range - until now, that is. We have never felt inclined to follow the misguided path taken by many manufacturers - and magazine testers - of representing small two-way speakers as the Non-Plus-Ultra. They might have an airy nature and good dynamics, but those qualities are simply no substitute for a lack of bass. With all this in mind, we worked on the overall design, the drivers and the crossover of this model for a very long time until we decided it was worthy of inclusion in the Criterion series, as the smallest unit in the range.

Quite simply, this small speaker provides an unbelievably good bass response. Its depth and precision are unique for a cabinet of this size, but so also is its absolute bass output. This low-frequency performance has been achieved with the help of a cabinet design with phase compensation duct and absorber, and a simply outstanding bass driver. In order to allow extreme cone travel, this unit's cradle is very deep and features narrow struts, made possible by its construction in high-strength pressure-cast aluminium.

The resonance-coated fibre cone is very stiff and torsionally rigid, making it ideal for reproducing the entire mid-frequency range. The massively powerful magnet drives a long-throw 40 mm coil. The tweeter takes the form of our proven annular design in a further developed state. We set it to work at 2000 Hz and above, and the result is a spaciousness, dynamic capability and transparency of reproduction which has never before been achieved in a speaker of this size. As with the larger Criterion models, the speaker's bass and tweeter output can be adjusted. The **TAL XM** is destined to revolutionise the world of the small, compact loudspeaker.

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<i>Principle</i>	2 – way – absorber line compact speaker
<i>Nominal power rating</i>	90 Watts
<i>Music power rating</i>	120 Watts
<i>Impedance</i>	4 Ohms
<i>Frequency response</i>	35 – 45000 Hz
<i>Sensitivity 90 dB/1 m</i>	2,5 Watt
<i>Bass drive unit</i>	1 x 160 mm
<i>High-frequency drive unit</i>	1 x 35 mm

*Crossover unit, type* FSR  
*Crossover frequencies* 2100 Hz  
*Bi-amping* yes  
*Dimensions H x W x D* 37 x 21 x 31 cm  
*Weight* 9 kg  
*Colours* rubbed black lacquer, silver lacquer,  
natural alder, natural maple,  
non-standard wood (extra cost option)

Variable HF, Bass