

Odyssey Minor General Presentation

With Odyssey, TRIANGLE has developed a concept synthesis of a global reflection, anticipating the long term needs of music lovers as far as the 2.1 Stereo system and Audio Video is concerned. The key aim of the Odyssey project: offer to a wide public of keen listeners a product which is easy to live with, proposing a perfect audio and audio video polyvalence, totally compatible with the older standards as well as the brand new ones.

Odyssey is a particularly elegant product and its installation is easy.

The specific accessories allow for multiple configurations. Developed according to the pure spirit of TRIANGLE, Odyssey is very musical and capable of dealing with any type of music with the same ease, notably the most violent sound attacks of action films in home cinema. Odyssey and its surprising slim profile reveals abilities which allow it to rival with very high level systems.

Odyssey Minor is available in 2 finishes : *Cognac and Bordeaux*.

A. The TZ2400b Tweeter

The tweeter belonging to the Odyssey range, the TZ2400b, is doted with a titanium diaphragm. The light weight of the latter, coupled with the magnet's power provides the TZ2400b with an efficiency of 90 db.

We rediscover with the TZ2400b the technology defined following the research which went into the Magellan tweeter; in this way the specifically designed horn for the TZ2400 reinforces the general efficiency to 96 db, whilst controlling at the same time the directivity of the tweeter.

The motorization for the TZ2400b is shielded in order to avoid the creation of any interference with television sets.

The phase part and the brass ogive are parts optimized by TRIANGLE in order to linearize the upper spectrum. The very absorbent rubber gasket prevents any possible vibration. The rear of the horn is equipped with a sealing joint which has for specific function to eradicate any leakage.



TZ2400b

B. The Medium/Bass Driver : T12 PE 80b

The medium / bass loudspeaker, the T12PE80b is built around a basket developed by TRIANGLE, made of injected aluminium, in its curtailed, 4 doubled arm version.

The T12PE80B is equipped with a long fibre cellulose pulp diaphragm, distinctive of the brand.

The small pleat suspension is made of fabric this principle provides an excellent control for the slightest of diaphragm motion. In order to limit the interference between the external suspension and the mobile equipment of the loudspeaker, the former is coated with latex.

The copper mobile coil (25 mm in diameter) follows the specific TRIANGLE principle (interior and exterior coiling on a Kapton support). The diameter of the coil allows good power handling by the loudspeaker.

The aluminium dust cap renders possible the stiffening of the diaphragm in order to reconstitute frequencies from 60 to 200 Hz, without any audible distortion.

The rubber gasket, particularly absorbent and heavy duty, eliminates the micro vibrations produced by the structure of the loudspeaker. This mechanical process contributes to the reduction of distortion in general.



Odyssey Minor Technical Characteristics
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Power		
Nominal Power	:	80 W
Dynamic Power	:	160 W
Specifications		
Frequency Response	:	100 Hz – 20 KHz
Filter cut-off frequency	:	2KHz (24dB / octave)
Nominal Impedance	:	8 ohms
Minimum Impédance	:	4 ohms
Sensibility (dB / W / kHz)	:	90dB
Mid Driver	:	T12PE80b
Tweeter	:	TZ2400b
Magnetic Shielding	:	YES
General		
Weight	:	8 Kg / 17.6 lbs
Dimensions HxWxD (mm)	:	466 x 166.7 x 216
Dimensions HxWxD (inches)	:	18.2" x 6.5" x 8.5"

NB :
 ✓ *Satellite Surround / Center channel, 2 ways*