



## TAV-806 F / C / S

### POWERFUL sound under control!

TAV-806F Front floorstanding speakers have large enclosures with big internal volumes utilizing two 8" woofers in each speaker - with plenty of low extended bass backed up by tremendous dynamics, usually met in active subwoofers rather than in passive speakers! The addition of high quality midrange driver and silk dome tweeter with TWG (TAGA WaveGuide) faceplate, creates multidimensional spatial, real, smooth and detailed soundstage. TAV-806F sound performance can be described as very close in its structure and quality to professional stage speaker systems. This model is a great choice for dynamic and live music recordings, and as main channels for 5.1 music and home theater.

TAV-806C center speaker offers high level of articulation and spatial presentation of a complex mix of dialog, music and action effects of movie soundtracks.

TAV-806S surround speakers add size and dimension to the soundstage and are a great choice for high class 5.1 music and home theatre experience.

All speakers are sold separately.

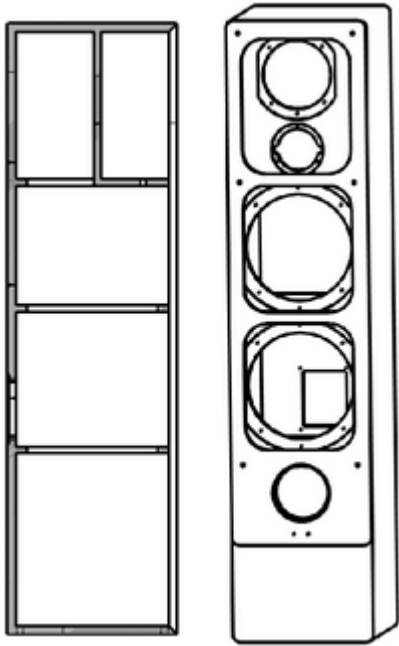
Available in 3 modern finishes: Black, Wenge and Walnut.

## SPECIFICATIONS

Model:	TAV-806F	TAV-806C	TAV-806S
Design:	3-way, 4 drivers, floorstanding, Bi-wiring, front bassreflex port, crossover points 600Hz 4kHz TLIE Enclosure	2-way, 3 drivers, center speaker, double rear bassreflex port, crossover point 5.6kHz, TLIE Enclosure	2-way, 2 drivers, surround speaker, rear bassreflex port, crossover point 5kHz, TLIE Enclosure
High-Frequency Driver:	25mm (1"), TWG faceplate, silk dome	25mm (1"), TWG faceplate, silk dome	25mm (1"), TWG faceplate, silk dome
Bass / Midrange Driver:	133mm (5.25"), paper cone	2 x 133mm (5.25"), paper cone	133mm (5.25"), paper cone
Bass Driver:	2 x 203mm (8"), paper cone	-	-
Recommended Amplifier Power:	20-180W	20-100W	20-120W
Frequency Response (+/- 3dB):	30Hz-25KHz	53Hz-25KHz	53Hz-25KHz
Impedance:	6 ohm	6 ohm	6 ohm
Sensitivity:	89 dB	88 dB	87 dB
Dimensions (H x W x D):	108 x 24,5 x 31,2 cm (excl. spikes)	18 x 50 x 18 cm	30 x 18 x 18 cm
Weight (net):	36,8 kg pair	5,1 kg pcs.	6,3 kg pair

## TECHNOLOGY

### CABINETS



**TLIE** – Taga Low Interference Enclosures are made of high-quality thick PVC coated MDF boards (Front speaker: 15mm full cabinet. Center and Surrounds speakers: 9mm cabinet with 12mm thick front panel) to increase stiffness and limit any unwanted resonances.

Front speakers have additional inside braces made of 9mm MDF boards.

The shapes are perfectly crafted and rounded at the top sides not only to look wonderful and modern but mainly to lower any unwanted vibrations, diffractions or turbulences, which can affect the sound performance.

Acoustical damping material used inside cabinets eliminates problem of internal standing waves and bass-reflex ports are uniquely designed to reduce distortions to minimum.

*Left figure shows TAV-806F inside structure of enclosure*

### BASSREFLEX PORTS

Low-turbulence and high-velocity ports utilizing concave diffusers for increased dispersion of low frequencies.

### CROSSOVERS

High quality, close-tolerance and precisely selected crossovers' components and internal wires for absolute sound neutrality, high long-term power and reliability.

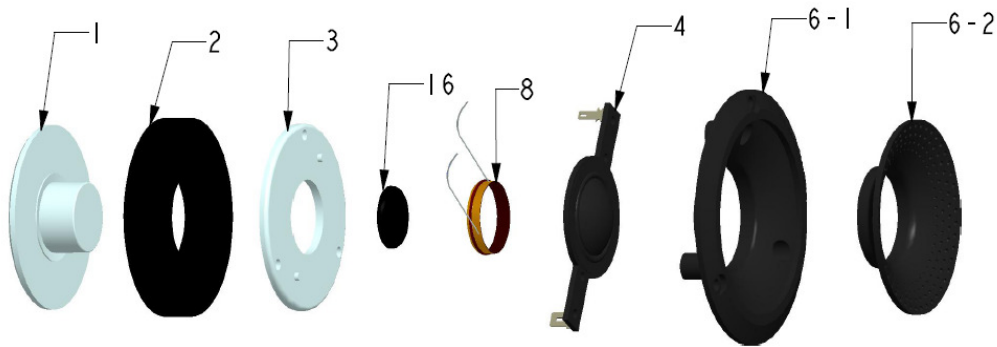
### INTERNAL WIRING

TAGA Harmony utilizes high quality internal wiring connecting crossovers with drivers assuring that incoming audio signals from receiver or amplifier will not lose any important details on the paths to drivers.

### SPEAKER'S BINDING POSTS

All speakers (including center and surround speakers) use high quality, gold-plated banana binding posts accepting raw speaker cables up to 10AWG and most popular types of connectors. Front speakers use upgraded, high-end banana binding posts allowing bi-wiring for wider dispersions and spaciousness, higher sonic accuracy and more precise location.

## TWEETER

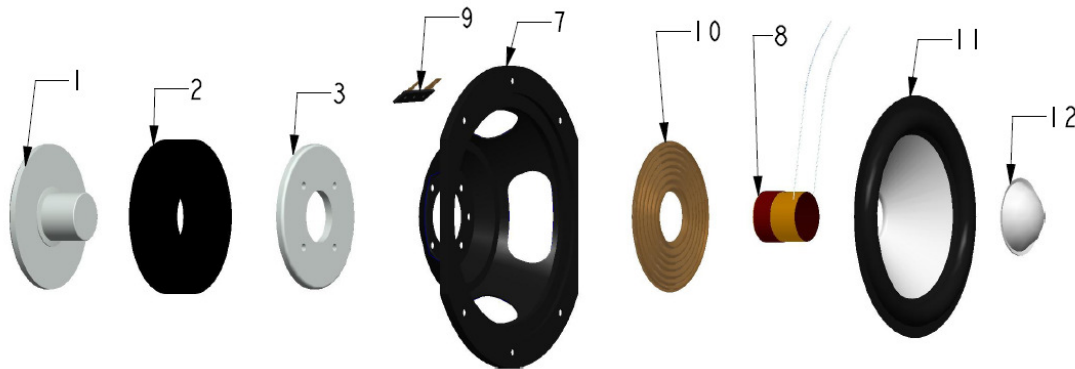


1. T-YOKE / Pole piece
2. Oversized ferrite magnet
3. Top plate
4. Black silk dome
- 6.1 / 6.2. TWG front faceplate
8. Flat wire aluminum voice coil
16. Black sponge

1" (25mm) silk dome tweeter with oversized magnet ( $\Phi 70$  in F model), ferrofluid cooling and heavy duty flat wire aluminum voice coil can handle high power and its performance is very accurate, clear, smooth and detailed.

Specialized horn-like, **TWG** TAGA Waveguide design of tweeter's faceplate utilizing concave diffusers supports equal and flat dispersion of sound in and off the axis of the driver.

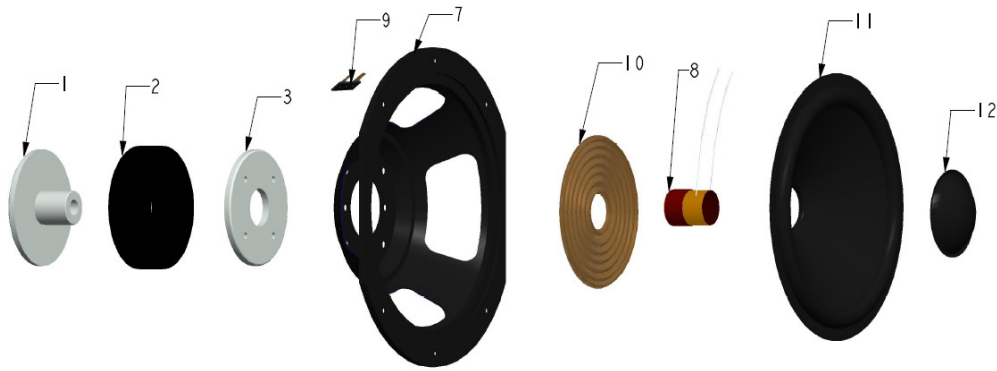
## MID-RANGE / MID-WOOFER DRIVER



1. T-YOKE / Pole piece
2. Oversized ferrite magnet
3. Top plate
7. Ferrum injection-molded chassis with anti-oxidation surface process
8. Flat wire aluminum voice coil
9. Terminal
10. Spider
11. Milky white paper cone with rubber surround
12. Milky white paper dust cap

Rigid and ultra-light milky white paper cone with the elastic rubber suspension can move very fast and frequently allowing mid-range frequencies to be very rich, spacious and sweet, as well as produce deep, precise and detailed bass in mid-woofer driver. Heavy duty voice coil and oversized magnet can stand high temperatures and power inputs.

## WOOFER (TAV-806F)



1. T-YOKE / Pole piece
2. Oversized ferrite magnet
3. Top plate
7. Ferrum injection-molded chassis with anti-oxidation surface process
8. Flat wire aluminum voice coil
9. Terminal
10. Spider
11. Matt black paper cone with rubber surround
12. Matt black paper dust cap

Large 8" woofer utilizing paper cone and heavy duty voice coil and coil former for increased power handling, can play deep, precise and detailed bass. It allows for front speakers to reach remarkable 30Hz of low frequency, which is usually met in active subwoofer rather than in passive speakers!