



SURFACE MOUNT SPEAKER SYSTEM

F-BOX Series



Harmonious **Design**, Exceptional **Sound**

F-BOX Series

The F-BOX Series is a premium line of high-performance surface-mount box speakers designed to elevate your audio experience. Featuring our proprietary speaker units, these speakers deliver exceptional sound quality, sleek aesthetics, and effortless installation. With a variety of options, including 3.5-inch full-range speakers, 5-inch and 8-inch two-way speakers, and 8-inch subwoofers, the F-BOX Series is the perfect choice for any commercial or professional audio application. Weather protected versions are EN54-24 certified for use with voice evacuation systems and outdoor applications (IP65), weatherproof and fire rated!



Design

Space harmony



Mechanism

Ease of installation



Sound

Flat sound quality

Go-To Speaker for Every Audio Professional

Drawing on over 90 years of sound engineering expertise, the F-BOX Series represents a ground-up redesign that sets new standards in aesthetics, mechanics, and audio performance. These speakers are the ideal choice for any space or application, offering a reliable and versatile solution that stands the test of time.

DESIGN



Minimalist Design that Blends into the Space

The F-BOX Series features a minimalist and flat design based on TOA's "Basic Shape" concept. By minimizing protrusions and unnecessary embellishments, it eliminates unintended shadows and reflections that create visual noise, allowing it to seamlessly blend into any environment.



Consistency in Every Detail, even the Fittings

From the initial planning stages, the F-BOX Series has been designed with a consistent aesthetic, considering the included fittings as part of the main body. Just like the main unit, the fittings feature a unified design, creating a simple and beautiful space that remains free from visual noise, regardless of the viewing angle.

MECHANISM

Hassle-Free Installation with Redesigned Mechanism

The fittings specifically designed for the F-BOX Series not only feature a cohesive aesthetic but also offer excellent installability. Careful consideration has been given to ensure that anyone can install them safely.



Enhanced Safety and Ease in Installation

The innovative design allows the speaker to be temporarily secured to wall-mounted brackets during setup. This smart feature frees up both hands for wiring and precise angle adjustments, eliminating the need to support the speaker's weight. The result? A dramatically safer and more efficient installation process that significantly reduces the risk of accidents or equipment damage.



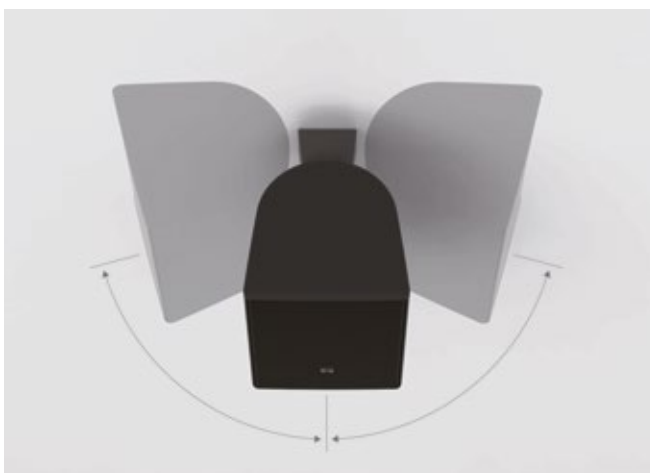
Temporary Docking



Hands-Free Operation



Wiring with Both Hands



Versatile Mounting with Precision Angle Control

The innovative mounting system adapts seamlessly to both wall and ceiling installations. The included brackets feature an advanced adjustment mechanism, allowing for precise fine-tuning of both vertical and horizontal angles.

Extensive Product Lineup

The comprehensive lineup includes a 3.5-inch full-range speaker, 5-inch and 8-inch 2-way speakers, and an 8-inch subwoofer, all available in both black and white. This diverse range enables you to select the perfect speaker for your specific needs, ensuring seamless integration into any environment.



F-03BT/WT

3.5-inch full-range speaker

F-05BT/WT

5-inch 2-way speaker

F-08BT/WT

8-inch 2-way speaker

FB-08BT/WT

8-inch subwoofer

These speakers are also available as outdoor version that is EN54-24 certified and UL compliant. With a waterproof terminal cover and different version of brackets they suit the needs of outdoor and voice evacuation installations.



**F-03BT-WP-UE /
F-03WT-WP-UE**

3.5-inch full-range speaker

**F-05BT-WP-UE /
F-05WT-WP-UE**

5-inch 2-way speaker

**F-08BT-WP-UE /
F-08WT-WP-UE**

8-inch 2-way speaker

High and Low Impedance Compatibility



Every model in the series, including the subwoofer, is designed to be compatible with both high and low impedance sound systems. This flexibility enables you to choose the optimal configuration based on the installation location, application, and wiring conditions, ensuring seamless integration into a variety of system designs. Whether you're working with high or low impedance setups, our products offer the adaptability you need to achieve superior sound quality in any environment.

TOA's Signature Sound

The F-BOX Series features TOA's proprietary speaker units, engineered to deliver the brand's renowned sound quality. These meticulously crafted units ensure exceptional audio performance for foreground and background music or voice announcements. Designed for clarity and high fidelity, the speakers create an optimal acoustic environment with minimal need for sound adjustments, providing a superior listening experience in any setting.



Exceptional Sound Performance Right Out of the Box

At TOA, we are dedicated to achieving the perfect sound. To this end, we have developed proprietary speaker units that produce flat and natural sound. As a result, our speakers deliver accurate and high-quality sound right out of the box, requiring minimal adjustments to achieve perfection. This embodies TOA's commitment to delivering our signature sound excellence.

Powerful 8-inch Subwoofer

The lineup features an 8-inch subwoofer that delivers a rich and powerful low-frequency experience, especially when paired with the F-03 and F-05 models. This combination creates an exceptional sound environment. Moreover, the subwoofer is designed to support both high and low impedance, making it an ideal choice for sound installations in various settings, such as retail stores and gyms. This dual compatibility ensures versatility and ease of integration into different audio systems.



Application Examples



Office



Education



Retail Store

SPECIFICATIONS

F-03BT / WT Speaker System



- Versatile 3.5-inch full-range surface-mount speaker system
- Sleek design for seamless integration with walls and ceilings
- Safe and easy installations with included mounting bracket
- Temporary docking feature allows effortless wiring and positioning (Indoor version)
- Flexible angle adjustment for both wall and ceiling mounts
- Ideal for permanent installations or portable setups
- All models available in black and white
- Outdoor versions IP65 and EN54-24 certified

Specifications	F-03BT	F-03WT	F-03BTWP-UE	F-03WT-WP-UE
Frequency response	85 Hz- 20 kHz (-10 dB)		100 Hz – 20 kHz (-10 dB)	
Sensitivity (1 W, 1 m)	87 dB (1 W, 1 m)		86 dB (1 W, 1 m) (1 – 10 kHz, pink noise)	
Max. SPL (1 m)	99 dB (15 W, 1m)		98 dB (15 W, 1 m)	
Rated input (high impedance)	15 W			
EN54-24			✓	
Tappings	100V: 1/3/5/15 W 70V: 0.5/1.5/2.5/7.5/15			
Rated impedance	8 Ω, 100 V, 70 V			
Speaker component	9 cm Full-range PPcone-type			
Cord connector	Push-In Terminal		M4 screw terminal (distance between barriers: 9 mm)	
Operating temperature	-10 ° C to + 50 °C			
Dust / Water protection			IP65	
Finish	HIPS, paint, black RAL 9011/ white RAL 9016 equivalent Grille: Aluminium		HIPS, paint, black RAL 9011/ white RAL 9016 equivalent Grille: Aluminium	
Dimensions	130 (W) x 221 (H) x 132 (D) mm			
Weight	1.7 kg			
Accessory	Speaker bracket		Speaker bracket, waterproof terminal cover	
Option*				
Adapter plate:	HY-F03B	HY-F03W		
Speaker stand:	ST-34B	ST-34B		

***Note:** Bolts and nuts for mounting the bracket to the wall or ceiling are not included. Prepare them separately.
Commercial adapter required, K&M 19780 or K&M 19610 recommended.

Optional Accessories

The HY-F03B or HY-F03W adapter plate is necessary for mounting the speakers on a stand. Every bracket is available in black and white.



HY-F03B



HY-F03W



Accessory: Speaker mounting bracket for EN54 and WP versions (included)

F-05BT / WT Speaker System



- Versatile 5-inch 2-way surface-mount speaker system
- Sleek design for seamless integration with walls and ceilings
- Safe and easy installations with included mounting bracket
- Temporary docking feature allows effortless wiring and positioning (Indoor version)
- Flexible angle adjustment for both wall and ceiling mounts
- Ideal for permanent installations or portable setups
- All models available in black and white
- Outdoor versions IP65 and EN54-24 certified

Specifications	F-05BT	F-05WT	F-05BT-WP-UE	F-05WT-WP-UE
Frequency response	60 Hz - 20 kHz (-10 dB)		80 Hz - 20 kHz (-10 dB)	
Sensitivity (1 W, 1 m)	90 dB (1 W, 1 m)		89 dB (1 W, 1 m) (1 – 10 kHz, pink noise)	
Max. SPL (1 m)	104 dB (30 W, 1 m)		103 dB (30 W, 1 m)	
Rated input (high impedance)	30 W			
EN54-24			✓	
Tappings	100V: 1 /3/10/30 70V: 0.5/1.5/5/15/30 W			
Rated impedance	8 Ω, 100 V, 70 V			
Speaker component	Low Frequency: 13 cm PPcone-type High frequency: 25 mm dome tweeter			
Cord connector	Push-In Terminal		M4 screw terminal (distance between barriers: 9 mm)	
Operating temperature	-10 ° C to + 50 °C			
Dust / Water protection			IP65	
Finish	HIPS, paint, black RAL 9011 / white RAL 9016 equivalent Grille: Aluminium		HIPS, paint, black RAL 9011 / white RAL 9016 equivalent Grille: Aluminium	
Dimensions	162 (W) × 274 (H) × 164 (D) mm			
Weight	2.7 kg		2.8 kg	
Accessory	Speaker bracket		Speaker bracket, waterproof terminal cover	
Option*				
Adapter plate:	HY-F05B	HY-F05W		
Speaker stand:	ST-34B	ST-34B		

***Note:** Bolts and nuts for mounting the bracket to the wall or ceiling are not included. Prepare them separately.
Commercial adapter required, K&M 19780 or K&M 19610 recommended.

Optional Accessories

The HY-F05B or HY-F05W adapter plate is necessary for mounting the speakers on a stand. Every bracket is available in black and white.



HY-F05B



HY-F05W



Accessory: Speaker mounting bracket for EN54 and WP versions (included)

SPECIFICATIONS

F-08BT / WT Speaker System



- Versatile 8-inch 2-way surface-mount speaker system
- Sleek design for seamless integration with walls and ceilings
- Safe and easy installations with included mounting bracket
- Temporary docking feature allows effortless wiring and positioning (Indoor version)
- Flexible angle adjustment for both wall and ceiling mounts
- Ideal for permanent installs or portable setups
- All models available in black and white
- Outdoor versions IP65 and EN54-24 certified

Specifications	F-08BT	F-08WT	F-08BT-WP-UE	F-08WT-WP-UE
Frequency response	50 Hz - 20 kHz (-10 dB)		70 Hz - 20 kHz (-10 dB)	
Sensitivity (1 W, 1 m)	91 dB (1 W, 1 m)		90 dB (1 W, 1 m) (1 – 10 kHz, pink noise)	
Max. SPL (1 m)	108 dB (60 W, 1 m)		107 dB (60 W, 1 m)	
Rated input (high impedance)	60 W			
EN54-24			✓	
Tappings	100V: 1 /3/10/30 70V: 0.5/1.5/5/15/30 W			
Rated impedance	8 Ω, 100 V, 70 V			
Speaker component	Low Frequency: 20 cm PPcone-type High frequency: 25 mm dome tweeter			
Cord connector	Push-In Terminal		M4 screw terminal (distance between barriers: 9 mm)	
Operating temperature	-10 ° C to + 50 °C			
Dust / Water protection			IP65	
Finish	HIPS, paint, black RAL 9011 / white RAL 9016 equivalent Grille: Aluminium		HIPS, paint, black RAL 9011 / white RAL 9016 equivalent Grille: Aluminium	
Dimensions	251 (W) x 392 (H) x 216(D) mm			
Weight	5.2 kg		5.5 kg	
Accessory	Speaker bracket		Speaker bracket, waterproof terminal cover	
Option* Adapter plate: Speaker stand:	HY-F08B ST-34B	HY-F08W ST-34B		

Note: Bolts and nuts for mounting the bracket to the wall or ceiling are not included. Prepare them separately.

Commercial adapter required, K&M 19780 or K&M 19610 recommended.

Optional Accessories

The HY-F08B or HY-F08W adapter plate is necessary for mounting the speakers on a stand. Each bracket is available in black and white.



HY-F08B



HY-F08W



Accessory: Speaker mounting bracket for EN54 and WP versions (included)

FB-08BT / WT Subwoofer System



- High-performance 8-inch indoor subwoofer system
- Powerful 20 cm (8") driver for robust bass reproduction
- Built-in crossover network for simplified system setup
- Seamless integration with F-03/05 series speakers without the need for external processors
- Versatile high/low impedance compatibility
- Optional brackets for wall or ceiling mounting
- All models available in black and white

Specifications	FB-08BT	FB-08WT
Frequency response	45 Hz - 300 Hz (-10 dB)	
Sensitivity (1 W, 1 m)	90 dB (1 W, 1 m)	
Rated input (high impedance)	120 W	
Tappings	100 V: 60/120 W 70V: 30/60/100 W	
Rated impedance	8 Ω, 100 V, 70 V	
Speaker component	20 cm PPcone-type	
Cord connector	M4 screw terminal (distance between barriers: 9 mm)	
Operating temperature	-10 °C to + 50 °C	
Finish	MDF, paint, black RAL 9011 / white RAL 9016 equivalent Grille: Surface treated steel	
Dimensions	200 (W) x 350 (H) x 400 (D)	
Weight	16 kg	
Option*		
Wall mount bracket:	HY-WM-FB08B	HY-WM-FB08W
Ceiling mount bracket:	HY-CM-FB08B	HY-CM-FB08W

*Note: Bolts and nuts for mounting the bracket to the wall or ceiling are not included. Prepare them separately.

Optional Accessories

An optional mounting bracket is necessary for installing the subwoofer on a wall or ceiling. Each bracket is available in black and white.





We supply sound, not equipment.



TOA Electronics Europe GmbH
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Specifications are subject to change without notice for improvement. 05|2025