



# FI-SUB18A

High Performance 18" Active Subwoofer

FI-SUB18A 18" Active Subwoofer stands as a reliable powerhouse, tailor-made to meet the demands of varied high-stakes scenarios. Whether it's the thumping rhythm of a packed nightclub, the crisp basslines of a mobile DJ's set at a wedding, the immersive soundscape of a restaurant's live music night, the consistent performance of a dance school's practice space, or the seamless integration into a rental company's versatile audio inventory—this subwoofer is engineered to elevate bass performance across every professional application. For venue operators aiming to enhance customer engagement, event organizers seeking to deliver unforgettable sonic experiences, or touring DJs needing a durable, high-performance companion on the road, the FI-SUB18A isn't just an audio device; it's a solution that adapts to the unique challenges of each scenario, ensuring deep, clear, and impactful bass that resonates with audiences and meets the rigorous standards of audio professionals.



At its core, the FI-SUB18A boasts unmatched audio performance, built to back up its versatility with raw power and precision. It features a 46cm (18") woofer with a 100mm voice coil and ferrite magnet—components chosen for their ability to handle intense low frequencies without distortion, even during extended use. Driven by a DSP-controlled Class D amplifier, the subwoofer delivers a rated 1200W RMS power, a figure that translates to tangible impact: it can fill large club spaces with pulsing bass that makes crowds move, cut through the energy of outdoor events to keep the rhythm alive, or add depth to a restaurant's background music without overwhelming conversation. Its frequency range spans 38Hz to 200Hz, reaching the deep, resonant low-end needed for EDM drops that send vibrations through the room, live band drums that anchor the melody, or cinematic soundtracks in commercial venues that draw audiences into the moment. Complementing this range is a maximum SPL of 127dB, ensuring clarity even at high volumes—so whether the space is a intimate bar or a sprawling concert hall, every beat remains crisp, visceral, and immersive.

Advanced control and connectivity further elevate its professional utility, making it easy to tailor sound to any scenario. The built-in Digital Signal Processor (DSP) is a standout feature, offering three tailored presets—FLAT, KICK, and DEEP—that adapt to diverse audio needs. FLAT delivers balanced bass across genres, perfect for restaurants or bars where music spans everything from jazz to pop; KICK emphasizes punchy, tight low-end, ideal for rock gigs or hip-hop sets where drum beats need to hit hard; DEEP unlocks extended, rumbling bass, a must for EDM festivals or cinematic installations where the goal is to envelop the audience in sound. Beyond presets, a 0°-180° phase selection switch lets users align the subwoofer's bass with satellite speakers, eliminating muddling and ensuring a cohesive mix—critical for permanent installations in dance schools, where precise sound alignment helps students stay in rhythm. A switchable high-pass filter (100Hz/120Hz) prevents frequency overlap, keeping the audio clean whether it's paired with small monitors at a DJ booth or large speakers in a concert venue.

Connectivity is designed for flexibility, too: 2 XLR and 1/4" TRS balanced inputs seamlessly integrate with mixers, DJ controllers, or audio interfaces, while 2 3-pin XLR outputs enable daisy-chaining multiple speakers—perfect for rental companies that need to scale sound systems for events of different sizes. A rotary dial allows precise adjustment of channel levels, and intuitive status LEDs (for power, signal, limiter, and DSP presets) provide real-time feedback, helping professionals monitor performance at a glance and avoid overload—essential for mobile DJs working fast-paced events where quick adjustments are key.

Durability and portability are baked into the FI-SUB18A's design, built to withstand the rigors of real-world use. The enclosure is crafted from high-quality plywood, a material chosen for its sturdiness and ability to minimize resonance, ensuring pure bass output. It's coated in a textured black polyurea finish that resists scratches, dents, and moisture—ideal for touring DJs who load and unload gear frequently, or outdoor events where unexpected weather could damage less robust equipment. A black metal grille with acoustic foam protects the woofer from dust, debris, and accidental impacts without hindering sound quality, preserving performance even in high-traffic venues like bars or dance schools.

For portability, the subwoofer includes 2 rugged carrying handles, making it easier for a single person to move the 46kg unit—critical for mobile entertainers who set up alone. Optional wheels can be added to simplify transport across parking lots, stages, or venue floors, further reducing the strain of hauling heavy gear. And for permanent installations, an M20 thread flange allows secure mounting in clubs, restaurants, or dance schools, ensuring the subwoofer stays in place while blending into the space's decor.

Powered by a 230V AC, 50Hz supply, the FI-SUB18A comes with a power cord (equipped with a safety plug) and a detailed user manual, enabling quick, hassle-free setup—whether it's a DJ unpacking at a wedding or a technician installing it in a restaurant. Every accessory is chosen to streamline professional use, so users can focus on delivering great sound rather than troubleshooting setup.

In short, the FROG-IS FI-SUB18A isn't just a subwoofer—it's a versatile, durable, and high-performance tool that meets the unique needs of every professional audio scenario. From clubs to weddings, restaurants to dance schools, it delivers the deep, clear bass that turns ordinary audio into an unforgettable experience, making it a top choice for anyone serious about elevating their sound.





## Product Features

- Active PA subwoofer for touring applications and permanent installations
- 46 cm (18") bass speaker with 100 mm voice coil
- DSP-controlled class D amplifier with 1200 watts power
- XLR outputs with switchable high-pass filter with 100Hz and 120 Hz
- 0°- 180°Phase Selection
- Digital signal processor
- 2 Rugged carrying handles
- Wheels optional
- Black metal grille with acoustic foam
- DSP presets: Music Club Speech

## Products Applications

- Clubs
- dancing school; Installation; Mobile use; Mobile DJ
- Entertainer; Restaurants, Bars and hotels; rental

## Product Specification

Specification	
Power supply	230 V AC, 50 Hz
Power consumption	1200 W
Power connection	Mains input via IEC connector (M) mounting version power supply cord with safety plug (provided)
Frequency range	38 - 200 Hz
Max. SPL	127 dB
DSP	Digital signal processor
DSP presets	FLAT; KICK; DEEP
Attachment system	Flange M20 thread
Circuitry	Class D
Control elements	Phase reversal switch
Controls	Power on/off transient; limiter
Status LED	Limit, power, signal, DSP presets
Connections	Input: 2 x 3-pin XLR / Output : 2 x 3-pin XLR
Input channels	Stereo via XLR, channel control via rotary dial
Speaker	Subwoofer: 1 x woofer 18" with ferrit magnet / Basket material: aluminum / Voice coil: 100mm
Type of construction	Vented
Carrying handle	2 pc/pcs
Transport aid	Wheels optional
Material	Plywood
Color	Black, textured coating, polyurea
Dimensions	Width: 54 cm / Depth: 68 cm / Height: 63 cm
Weight	46.00 kg

