



# FX1.18

High-output bass cabinet 18"

## Highlights:

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- High quality 18 mm plywood
- Integrated carry handles
- 18" Horn loaded subwoofer cabinet
- Integrated metal rigging frame
- DuraCoat™ texture paintwork
- IP55 Ingress protection

The FX series is a unique and versatile speaker system series. When you combine the FX1.18 bass cabinet with the FX3.15 3-way active speaker cabinet, this truly modular system can be scaled and adapted for every application where a powerful system with a high clarity and sound quality is required. The compact enclosures are provided with weatherproof and scratch resistant DuraCoat textured paintwork and are fitted with eight carry handles allowing easy carriage and handling of the system. The integrated metal rigging frame allows easy and secure rigging, allowing multiple cabinets to be rigged together. The FX1.18 is a high-output, horn-loaded single 18" bass cabinet which is designed as a part of the unique and versatile FX series system. This horn loaded subwoofer cabinet includes an 18" woofer, achieving an RMS power handling of 800 Watt with a maximum power of 1600 Watt. The sensitivity of 102 dB and maximum sound pressure level of 131 dB in combination with the flat frequency response from 37 Hz to 130 Hz ensures a tight, up-front, low frequency reinforcement with attack and definition. The connections are performed using two 4-pin speaker connectors, allowing linkthrough when multiple identical speakers are used in the same system.

## Applications:

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- Sport facilities
- Events
- Clubs, discotheques
- Live performances



## Certification:

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## Properties:

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## Impedance:

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## System specifications:

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Speaker type		18" Horn loaded subwoofer cabinet
Max. Power		1600 W
RMS Power		800 W
Impedance		8 $\Omega$
Sensitivity (1W/1m)		102 dB
Sound Pressure (Max. W/1m)		131 dB
Frequency	Response ( $\pm$ 3 dB)	37 Hz - 130 Hz
	Range (-10 dB)	33 Hz - 130 Hz
Crossover	Type	Active driven system
Ingress Protection rating		IP55
Connectors		2 x 4-pin Speakon compatible connector (Allowing linkthrough)
Drivers		18" ferrite

## Product Features:

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Dimensions		714 x 600 x 800 mm (W x H x D)
Weight		63.300 kg
Construction		18 mm solid plywood with Dura Coat weather and scratch resistant coating
Mounting & handling	Carry handles	8 Integrated carry handles
	Rigging	Integrated metal rigging frame

## Architects' and Engineers' Specifications:

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The loudspeaker cabinet must be a high output horn loaded single 18" speaker system which can be combined with horn loaded high frequency cabinets from the same series allowing scaling and adapting the system to any application.

The horn loaded system shall be constructed using an 18" woofer, having an overall power handling of 800 Watt with a maximum power handling of 1600 Watt and an impedance of 8 Ohm.

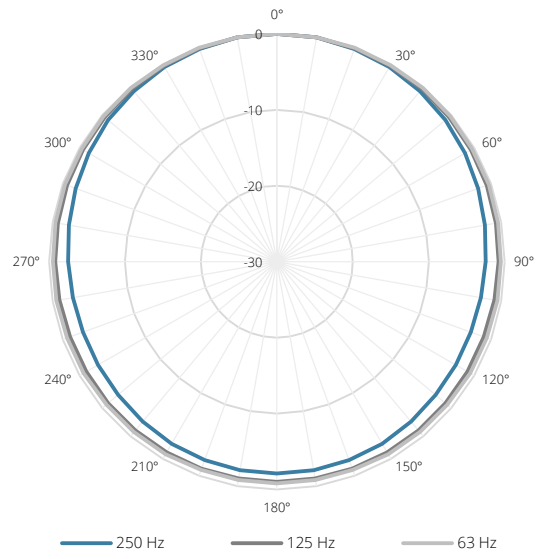
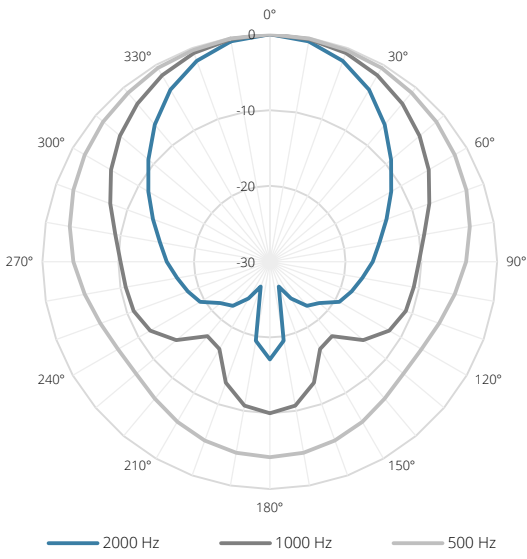
The cabinet must be constructed of 18 mm solid plywood which is finished in a weather and scratch resistant DuraCoat™ coating. The front side must be finished with a powder coated steel grill which is lined with an acoustical transparent backing, making the speaker comply to IPx5 ingress protection standards. The cabinet must be equipped with four carry handles on each side of the cabinet allowing easy carriage and handling of the system, while an integrated metal rigging frame guarantees easy and secure rigging.

The frequency response (-10 dB) must range from 33 Hz to 130 Hz. The sensitivity must be 102 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level must reach 131 dB. Connections with the speaker must be made using 2 x speakon compatible connectors, allowing easy connection and link-through.

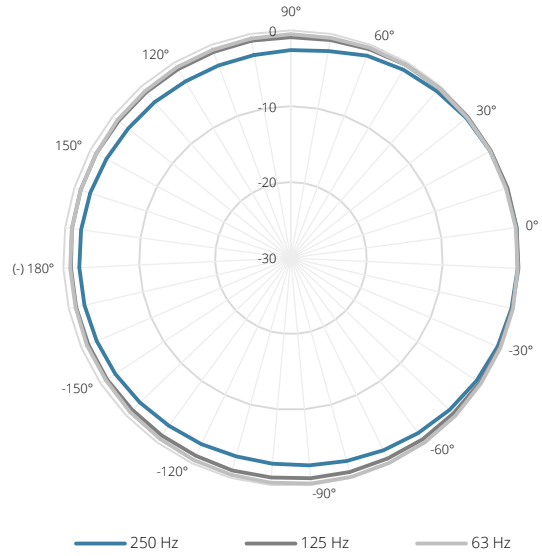
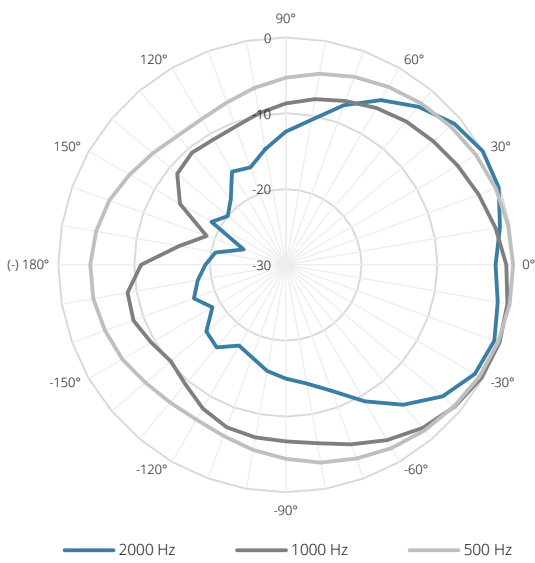
The loudspeaker cabinet must not exceed a width of 714 mm, a height of 600 mm and a depth of 800 mm. Its weight must not exceed 63.3 kg.

# Acoustical data graphs:

## Horizontal Polars:



## Vertical Polars:



## Sensitivity:

