

2100-LFC

SELF-POWERED LOW-FREQUENCY CONTROL ELEMENT

Professional low-frequency extension for touring, large-format reinforcement and immersive system applications.

- **30-125 Hz** Operating frequency range
- **21-inch LF driver** Long-excursion cone driver with four voice coils
- **Milan AVB ready** Analog, networked digital audio and telemetry



Key Performance

Official headline metrics for fast product comparison



IP55 enclosure rating when connected to cables terminated with TOP connectors.

RANGE

30-125 Hz

Operating frequency range

MAX SPL

139.1 dBZpk

AES75 maximum linear sound level

WEIGHT

235 lbs

106.6 kg cabinet weight

COVERAGE

360°

Single unit coverage

POWER

1200 W

Max long-term continuous power consumption

BURST

2400 W

Burst power consumption, <1 sec

Single 21-inch long-excursion cone driver, built-in Class D amplifier, and active cooling support demanding low-frequency program material.

Technical Specifications

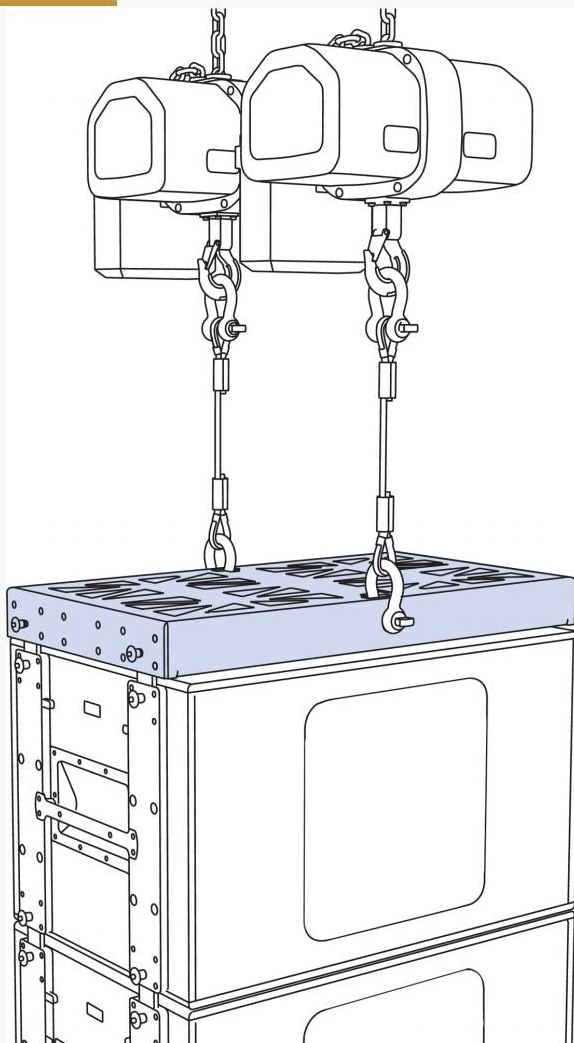
Editable parameter table based on the latest official English datasheet

Product Model	2100-LFC
Type	Low-Frequency Control Element
Drivers	One 21-inch long-excursion cone driver; four voice coils described in official product materials
Frequency Response	30 Hz - 125 Hz operating frequency range
Rated Power	1200 W max long-term continuous power consumption (> 10 sec)
Peak Power	8000 W peak power stated in official product materials; 2400 W burst power consumption (<1 sec)
Sensitivity	Not specified in official materials
Maximum SPL	139.1 dBZpk, 129.2 dBZ AES75 maximum linear sound levels
Nominal Impedance	4 ohm nominal impedance, LF driver
Coverage / Dispersion	360° (single unit)

Enclosure	Premium multi-ply birch
Finish	Slightly textured black finish
Protective Grille	Powder-coated, stamped steel
Connectors	powerCON TRUE1 TOP; XLR 3-pin TOP input with loop output; etherCON TOP
Dimensions	43.49 x 26.00 x 26.00 in / 1105 x 660 x 660 mm
Weight	235 lbs. / 106.6 kg
Supplied Fittings	End frames with captive GuideALinks and quick-release pins; cable-mount TOP connectors
Recommended Amplifier	Self-powered with built-in Class D amplifier; external amplifier not required
AC Power	200-240 V AC, 50 or 60 Hz
Digital Format	AVB, Milan Certified

System Application / Rigging

Official rigging and transport accessories for array deployment



MTG-2100 Grid Kit

Connects the top 2100-LFC cabinet of an array to hoisting equipment.

Array Capacity

Up to sixteen 2100-LFC cabinets at zero grid angle; model arrays in professional prediction software.

MCF-2100 Caster Frame

Transports up to three cabinets, or two cabinets plus grid, for efficient assembly blocks.

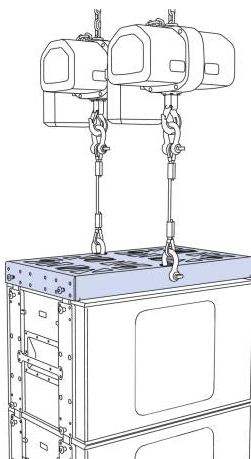
Configuration Logic

Supports standard and cardioid arrays, flown arrays and ground-stacked deployments.



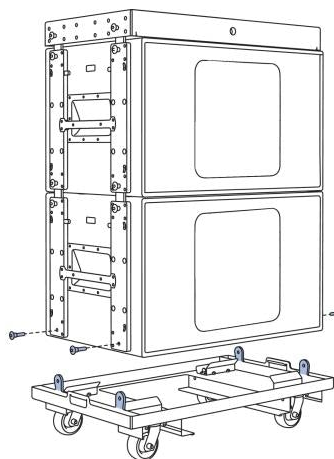
Deployment Options

Array and logistics logic for system planning



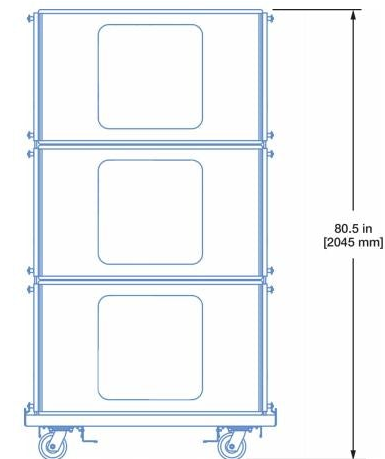
Flown Array

MTG-2100 grid connects hoists to the top cabinet.



Ground Stack

Cabinets align using captive GuideALinks and quick-release pins.

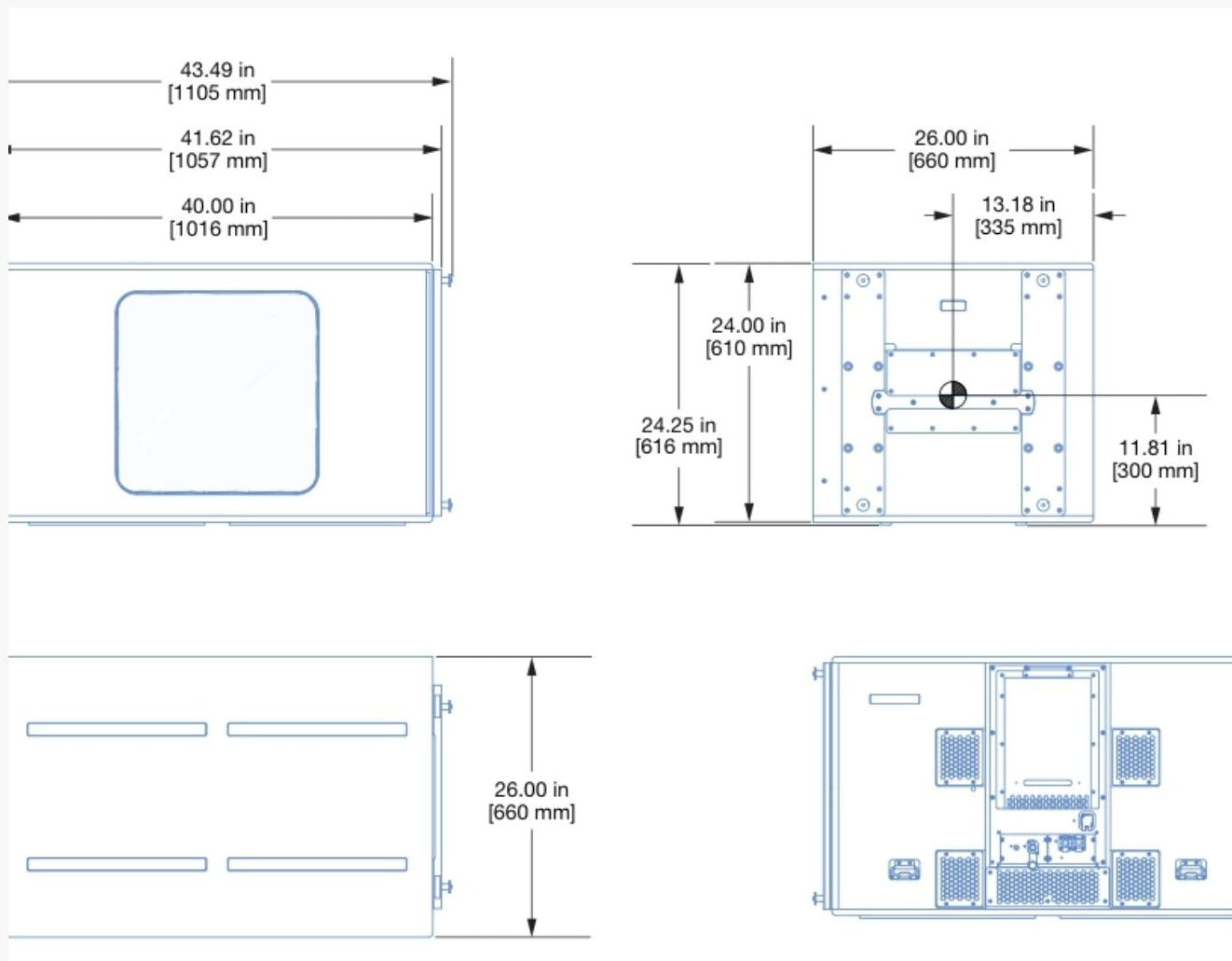


Transport Block

Caster frame enables two or three cabinet logistics blocks.

Technical Drawing / Dimensions

Official datasheet drawing cropped cleanly for slide presentation



DIMENSIONS

43.49 in

1105 mm width

26.00 in

660 mm height

26.00 in

660 mm depth

Accessories

Official accessories, part numbers and functional purpose



2100-LFC 2-High Cover

Part Number: 79.328.111.02

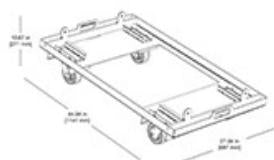
Protects two loudspeakers during transport and storage.



2100-LFC 3-High Cover

Part Number: 79.328.111.03

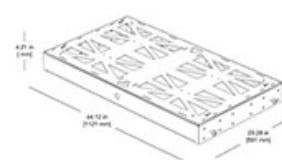
Protects three loudspeakers during transport and storage.



MCF-2100-LFC Caster Frame Kit

Part Number: 40.328.200.01

Used to transport up to three 2100-LFC cabinets.



MTG-2100-LFC Top Grid

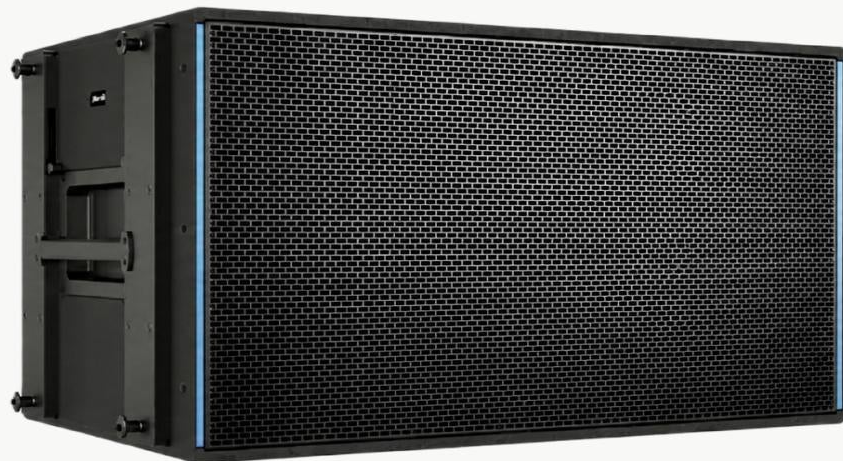
Part Number: 40.328.400.01

Used to fly 2100-LFC arrays.



Product Summary

2100-LFC low-frequency control element overview



Operating Range

30-125 Hz

LF Driver

21-inch

Max Linear SPL

139.1 dBZpk

Weight

235 lbs



PROFESSIONAL AUDIO SYSTEM

Product details, system matching, project quotation and after-sales support can be provided according to your application requirements.