Passive Sound Reinforcement Subwoofer

MAIN APPLICATIONS

- Bars, pubs & clubs
- Restaurants
- Retail shops
- Entertainment venues
- Fitness centres
- Exhibition centres
- Conference rooms
- Theatres
- Houses of worship

MAIN FEATURES

- Passive subwoofer with bass-reflex enclosure
- 0.70" birch plywood cabinet
- 2 x 15" custom made high excursion woofers
- 2000W RMS recommended amplifier
- Max. SPL 142dB peak
- Four FBT design aluminum handles
- 2 x Speakon NL-4 connectors
- Available in black or white extra texture paint
- Completely manufactured in Italy

DESCRIPTION

The FBT ARCHON 215S is a 2 x 15" passive sound reinforcement subwoofer. The FBT ARCHON 215S meet the following performance criteria: frequency response of 35Hz to 500Hz, frequency sensitivity of 101dB, maximum SPL of 142dB peak, 2000W RMS recommended amplifier. The FBT ARCHON 215S features 0,70" birch plywood construction covered in a scratch resistant black or white paint with four FBT design aluminum handles handles. The rear facing input panel provides 2 x Neutrik NL4 speakon female connectors.

TECHNICAL SPECIFICATIONS

GENERAL

Code		36257
Configuration	way	1
Low frequency woofer	inch	2 x 15 - 3 coil

ACOUSTIC SPECIFICATIONS

Frequency response (@-6dB)	Hz	35 - 500
MAX SPL (cont/peak) (bi-amp)*	dB	139 / 142 half space
Dispersion	H° x V°	Omidirectional
Sensitivity (@1W/1mt)	dB	101
Crossover frequency		External active
Recommended HP filter	Hz - dB oct	28 - 24
Recommended ext. filter		Digital / preset

INPUTS & OUTPUTS

Connectors		2 x Speakon NL4

* CONT. SPL: free space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average
PEAK SPL: free space, based on short term applicable power rating and system peak sensitivity, 10mS time average
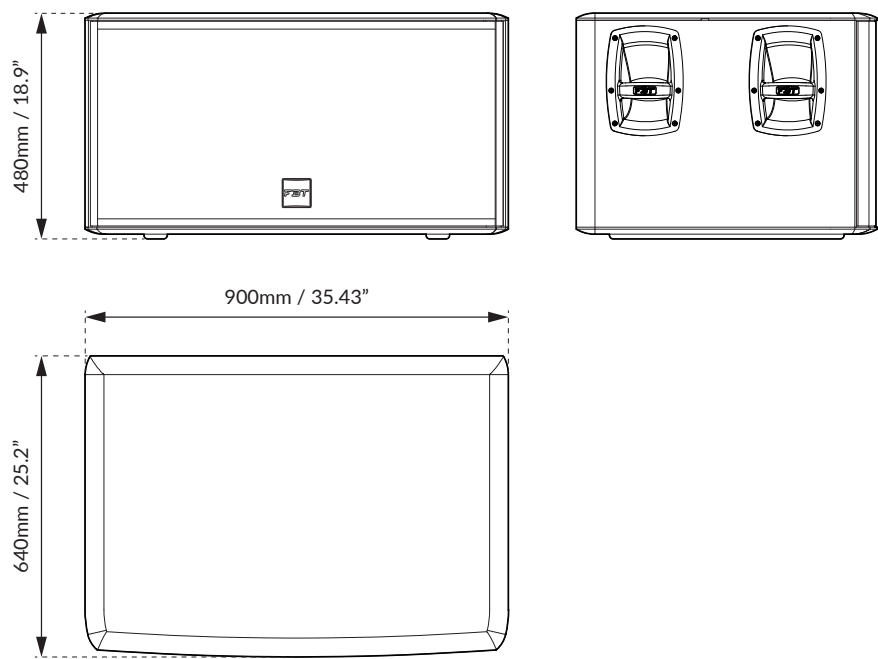
AMPLIFIER

Recommended amplifier	W RMS	2000
Long term power	W	1000
Short term power (IEC 268-5)	W	4000
Nominal impedance	Ohm	4

MECHANICAL SPECIFICATIONS

Material	Cabinet	0.70" birch plywood
	Grille	Steel
Net dimensions (WxHxD)	mm	900 x 480 x 640
	inch	35.43 x 18.9 x 25.19
Transport dimensions (WxHxD) with pallet	mm	1150 x 650 x 775
	inch	45.28 x 25.6 x 30.51
Net weight	kg	50
	lb	110.23
Transport weight	kg	77.50
	lb	170.85

DIMENSIONAL DRAWING

480mm / 18.9"

900mm / 35.43"

640mm / 25.2"

CONTROL PANEL

ARCHON
Installation Loudspeakers 215S

FBT

LF
LF

Recommended Amplifier: 2000W RMS
Nominal Impedance: 4 Ohm
System Long Term Power: 1000W
System Short Term Power: 4000W
Frequency Response: 35Hz - 500Hz
Dispersion: omnidirectional

LINK

MADE IN ITALY

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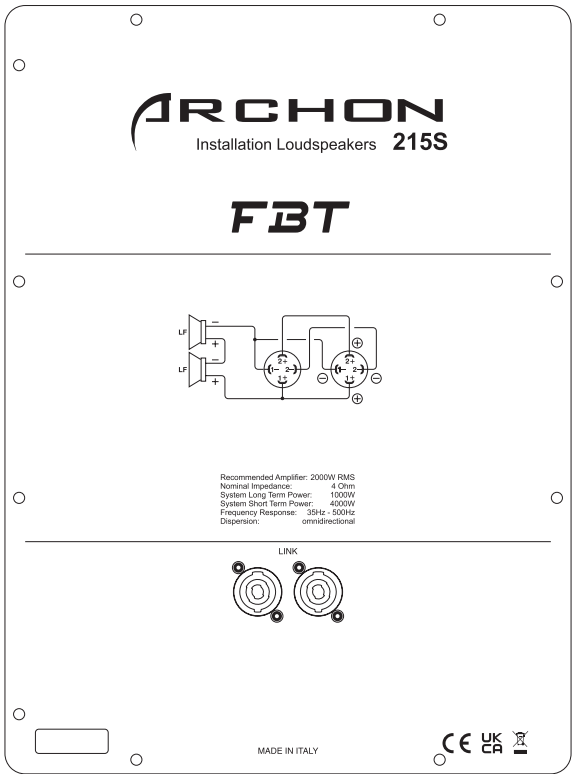
FREQUENCY RESPONSE DIAGRAM

FREQUENCY RESPONSE

dB SPL

115
110
105
100
95
90
85
80
75
70
65
60
55

20 Hz   30   40   50 60 70 80 90 100   200   300   400 500 600 700 800 900 1k

LEAP