

Uniline Compact

Uniline Compact infra-bass speaker - Installation

Neodyme 1 x 18" driver, 4" ventilated voice coil
Complex band-pass load

Features

Very low frequency range
High efficiency and high power handling
Captive mechanical and rigging system

Applications

Complex hanging and/or stacking bass system
Very low frequency sound reinforcement
Cardioid and/or sub arc directivity applications

Spécifications

25 Hz - 80 Hz @ -10dB
140 dB SPL max @ 1m
1100 W AES - 8 ohms

Mono-amplification

The UC118i is a very low frequency subwoofer. It is fitted with one convection cooled Neodymium 18" transducer loaded by a double interactive chamber acoustic load. This type of load results a 3 dB gain before feedback and reduced distortion thanks to excellent control over the diaphragm displacement. This, combined with the convection cooling technology used with the neodymium woofer, means that thermal compression is reduced by nearly 2 dB. All these optimizations lead to impressive dynamics and a very high maximum SPL.

The ergonomics of the UC118i are particularly well developed to enable easy mounting a maximum of 3 subwoofers. The enclosure features a fully integrated 2-point rigging system, recessed handles, two rear connectors and two front connectors dedicated to wiring of cardioid configurations. The subwoofers are attached to each other our ELI (Easy Link Interface) connection piece. The BUMPER allows the suspended use of all UC118i subwoofers (3 UC118i max). The use of APG digital processor is mandatory for UC118i.

UC118i



UC118i speaker

The UC118i is the dedicated infra-bass subwoofer. Its sophisticated ergonomics enable easy, safe and intuitive transport and handling. The integrated 2-point rigging system is designed to enable cardioid configurations with multiple speakers inverted within a vertical or horizontal array.

The rigging system allows all types of installation:

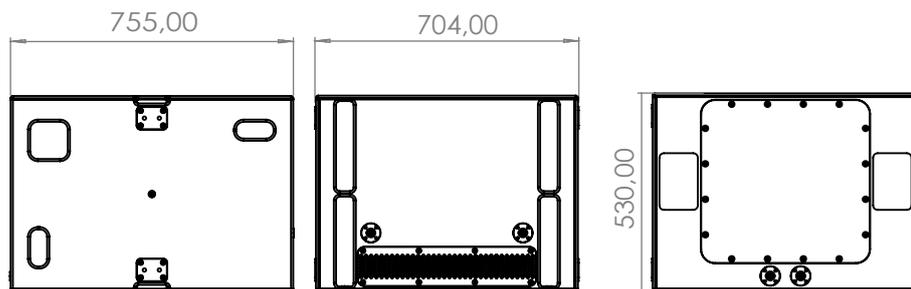
Flying a single cluster of UC118i or complex groups combining UC118i. Indeed, the UC118i are perfectly designed to be coupled in a vertical array either with other UC118i. Thus all bass system configurations are possible, from horizontal or vertical line arrays, to cardioid or arc configurations, or even cardioid arcs, flown or groundstacked.

Lifting and flying UC118i clusters is performed with the same bumper and accessories as the other Uniline system elements. The UC118i is aimed primarily at sub-bass reinforcement for the Uniline system, but is equally compatible with other APG speakers, such as the Dispersion range.

APG

UC118i

Technical specifications



Features

UC118i

| | |
|--|---|
| Description | Uniline Compact infra-bass speaker - Installation |
| Usable bandwidth (± 10 dB) | 25 Hz - 80 Hz |
| SPL max @1m | 140 dB SPL (1) |
| Nominal directivity ($H^\circ \times V^\circ$) | Omnidirectionnal (2) |
| Nominal impedance | 8 ohm |

Components

| | |
|-------------------------------|---|
| Transducers | 1 x 18" ND |
| Topology | - |
| Type of load | Bandpass dual chamber - Bass Reflex - Laminar |
| Way and amplification section | 1 way, mono amplified |

Power

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|------------------------|------------|
| AES | 1100 W (3) |
| Maximum power handling | 3600 W (4) |

Construction

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|-------------------------|--|
| Cabinet / Painting | 15 mm Finnish Birch plywood / Black impact resistant aquarethane |
| Dimensions H, L, P (mm) | 27,7" x 20,8" x 29,7" (704 x 530 x 755 mm) |
| Weight (kg) | 110,2 lb (50 kg) |
| Connectors | 4 x Speakon NL4MP (5) |
| Handles | 6 integral cut-out handle |
| Front face | 2,5mm acoustically transparent perforated steel |
| Fittings | M20 insert, pole mount socket |
| Color | Black RAL 9005 |
| IP | 43 |

Options & Accessories

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|----------|-------------------------------|
| UC118iWB | Transport tray for 2 x UC118i |
| SCUC118i | Dust cover for 2 x UC118i |
| COL | Specific RAL color option |

Electronics

| | |
|------------|---------------------------|
| Processors | DMS48F, DMS48F_D* |
| Amplifiers | DA8, DA12 / QUATTROCANALI |

D* : Dante Option

- (1) Peak level @ 1m AES2-2012 2msr using 12dB crest factor pink noise with APG preset
- (2) Nominal directivity @-6dB
- (3) Continuous power according to AES2-2012 in DCR
- (4) Peak power according to AES2-2012 in DCR
- (5) SPEAKON connectors are wired hot pin 1+, cold pin1- (2+ and 2- are not connected)

Printing : July 2021 / DOP_1288_B

APG has a policy of research and development aimed at improving its products. As such, new materials, manufacturing methods and changes in principle can be introduced without prior warning. As a result, an APG product may differ in some aspects to its published description. However, unless otherwise indicated, measurements and features will only exceed previously published data.

5 YEARS WARRANTY "A five years warranty covers passive filters, transducers and compression drivers. The warranty does not cover cosmetic damages and damages due to misuse, improper installation, or damages caused by alterations.

APG

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