

# Uniline Compact

# UC115B

## Uniline Compact bass speaker

1 x 15" Neodymium (4" voice coil).  
Dual Interactive Chamber Pass Band

## Features

Flexibility & Compactness  
Captive rigging system  
Low distortion vs high dynamic range

## Applications

Uniline Compact low frequency extension  
High quality reproduction in low frequencies  
Cardioid and/or sub arc applications

## Specifications

35 Hz - 110 Hz @ -10dB  
138 dB SPL Max @ 1m  
1100 W AES - 8 ohms

Single channel amplification

The UC115B is a line array low frequency speaker that allows acoustic and mechanical coupling in the vertical plan. It is fitted with one Neodymium 15" woofer loaded by double interactive chamber (The APG band pass load). This acoustic concept offers the advantages of reducing substantially load volumes of the cone driver and increasing the ratio size versus low frequency cut off. Moreover the efficiency increase by 2 dB gain in comparison with a conventional bass reflex and direct radiation subwoofer.

All ergonomic functions are integrated: 4 point captive rigging system, 4 recessed handles, 4 connectors (2 rear and 2 front for wiring of cardioid configurations), 1 socket.

The UCTRUSS bumper is compatible with all Uniline loudspeaker elements: it will be used for hanging of big clusters of UC115B and/or UC206N /W. The UCSTACK accessory is designed for little and simple arrays in stacking mode either on bass speakers or directly on the floor.

The FCUC115B flight case allows transport of 2 UC115B.

The use of APG digital processor is mandatory.



Uniline Compact UC115B - low frequency speaker

The UC115B is the dedicated bass speaker of the APG Uniline Compact Modular Line Array system. It is characterized by its excellent ratio size vs SPL. In terms of sonic reproduction UC115B allows precise bass reinforcement exempt of distortion but with great sensation of impact.

Its sophisticated ergonomics enable easy, safe and intuitive installation, handling and transport. The UC115B can be set up in ways: in groundstack directly on the floor or on stage (as a compact size FOH system, in side fill or a plug & play rental system), in flown assembling of single cluster of UC115Bs or in combination with UC206N /W. Thus all bass system configurations are possible, from horizontal or vertical line arrays, to cardioid, end fire or arc configurations, or even cardioid arcs, flown or groundstacked.

The integrated 4-point rigging system makes easy cardioid configurations with multiple speakers inverted within a vertical or horizontal array. Lifting and flying UC115B clusters is performed with the UCTRUSS bumper and accessories as the other Uniline Compact system elements.

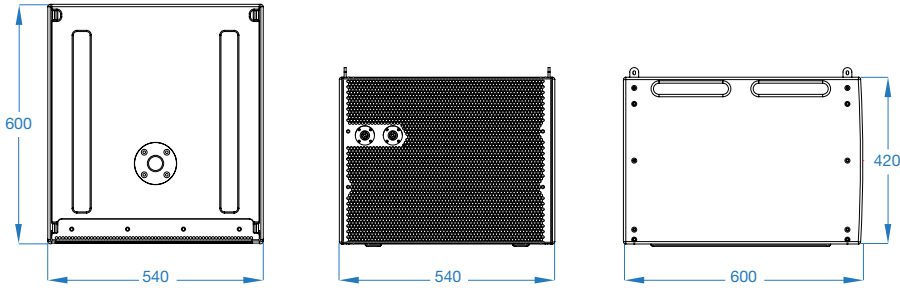
The UC115B is aimed primarily at bass reinforcement for the Uniline Compact system, but is equally compatible with other APG speakers.

When infrabass frequency reproduction is required, an other APG subwoofers can be coupled with UC115B.

# APG

# UC115B

## Technical specifications



### Features

	UC115B
Description	Uniline Compact bass speaker
Usable bandwidth ( $\pm 10$ dB)	35 Hz - 110 Hz
SPL max @ 1m	138 dB SPL (1)
Nominal directivity ( $H^\circ \times V^\circ$ )	Omnidirectionnal (2)
Nominal impedance	8 ohm

### Components

Transducers	1 x 15" ND
Topology	-
Type of load	Bandpass dual chamber - Bass Reflex - Laminar
Way and amplification section	1 way, mono amplified

### Power

AES	1100 W (3)
Maximum power handling	4400 W (4)

### Construction

Cabinet / Painting	15 mm Finnish Birch plywood / Black impact resistant aquarethane
Dimensions H, L, P (mm)	16,5" x 21,2" x 23,6" (420 x 540 x 600 mm)
Weight (kg)	72,7 lb (33 kg)
Connectors	4 x Speakon NL4MP (5)
Handles	4 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

UC115BWB	Transportation dolly for UC115B
SCUC115B	Soft cover for UC115B subwoofer
SCUC115BH2	Soft cover for 2 x UC115B
UCTRUSS	Versatile steel frame bumper for rigging system (22xUC206 or 11xUC115B)
UCSTACK	Steel frame accessories for stacking UC206N /W on the floor or on UC115B
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)

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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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