



Overview

The UCS1P was designed for use with any of the Unity™ passive or active loudspeaker systems - U15, U15P or U215 - and is the ideal active subwoofer to match their acoustic parameters. But as with all Yorkville subs, the UCS1P can be employed with any full-range enclosure, especially those with high output, in many cases without even the need of a crossover.

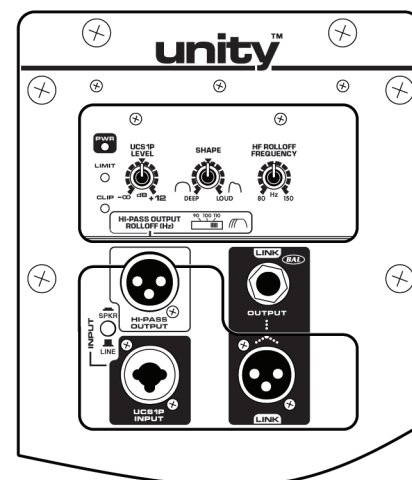
This 1,500-Watt "earth mover" takes full advantage of its horn-loaded design to deliver fierce bottom end from a surprisingly compact, single 15-inch, back-loaded subwoofer. The high level of performance UCS1P delivers, especially considering its manageable size, is the direct result of outstanding driver, enclosure and electronic design. Optimized horn flare geometry, careful attention to the front and rear internal chamber dimensions, as well as the use of a high performance long excursion 15-inch driver, gives the UCS1 surprisingly high output volume and deep, extended bass response. Added to that, the onboard electronics include a 1,500-Watt amplifier, full-time soft limiting, an active, adjustable low-pass filter (HF Rolloff) and an adjustable pre-EQ curve (Shape) for plug-and-play ease of use!

The UCS1P enclosure is constructed from solid 15mm 11-ply birch and features a heavy gauge perforated metal grill, integrated tilt-back wheels and four strategically placed bar handles to make moving and stacking the UCS1P as easy as it can possibly be for a subwoofer in this class. It comes in a black carpet covering to mate with the U15, U15P and U215, or is available in a black painted Ultrathane finish (UCS1B) for use with the Ultrathane painted versions of the Unity™ loudspeakers. (U15B and U215B).



Features

- Integrated 2400 Watt Amplifier (1500 Watts Program)
- 15-inch Horn-Loaded Cabinet Design
- Max SPL 139dB Peak (133dB Continuous)
- 37Hz - 150Hz with Adjustable HF Roll-Off
- Bass Boost Level Control
- High-Pass Output Roll-Off Switch
- Paralleled XLR & 1/4-inch Inputs (Selectable Line or Speaker Level)
- Solid 5/8-inch (15mm) Birch Plywood Construction
- Made in Canada





Specifications

System Type	Horn Loaded Subwoofer
Active or Passive	Active
Program Power (Watts)	1500 Watts (2400 Watts Peak)
Max SPL (dB)	139dB Peak (133dB Continuous)
Frequency Response (Hz +/- 3dB)	37 - 150
Crossover Frequency (Hz)	90 - 110
LF Driver(s)	15 inch, Ceramic Magnet, 3 inch voicecoil
LF Protection	Thermal / Overcurrent / Clip
LF Amplifier Type	3 tier class G
Cooling Scheme	Dual speed controlled fans
Power Consumption (typ/max)	792/960VA (8A@120V, 4A@230V)
Inputs	Line and Speaker
Inputs - 1/4" Jacks	Combi-jack
Inputs - XLR	1 line/speaker level Combi-Jack input
Input Impedance (Bal/UnBal)	Balanced
Input Sensitivity (Vrms Sine)	0.775
Level Controls	Volume
EQ Controls	Boost / Low Pass
Limiter	Peak / Average
LED Indicators	Clip / Limit
Other Controls / Features	Active Controls: Master Level Bass Boost Level HF Rolloff Frequency (80-150Hz) Hi-Pass Output Rolloff Switch (90Hz, 100Hz, 110Hz) Hi-Pass XLR Output Speaker / Line level input switch
Corners	Metal
Feet	Rubber
Wheels	2 (Rear)
Bar Handles	2 (Side), 2 (Top), 1 (Bottom)
Pole Mount Adapter (1 3/8"-3.5cm)	1 (Top)
Enclosure Materials	15mm (5/8inch) 11-ply Russian Birch
Grille	Perforated Metal
Covering / Finish	Black Ozite (Carpet)
Dimensions (DWH xbackW, inches)	27 x 22.25 x 41
Dimensions (DWH xbackW, cm)	68.6 x 56.5 x 104
Weight (lbs/kg)	155 / 70.3

Specifications subject to change without notice