



Overview

The simple concept behind the élite éXcursion1000 was to create a powerful, effective and highly mobile active stereo live PA / Club System centered around one 15-inch active subwoofer and two active 8-inch / 1-inch bi-amplified satellite loudspeakers.

The core of the élite éXcursion1000 is the single 15-inch loaded subwoofer that houses the input section, electronic crossover networks and five integrated power amplifier modules that power the entire éXcursion1000 system.

The éXcursion1000 system delivers over 950 Watts total power. 650 Watts is dedicated to the subwoofer, and 150 Watts to each of the two satellite loudspeakers. To ensure system performance and clarity, the satellite speakers are bi-amplified (125 Watts to each 8-inch driver and 25 Watts to each 1-inch horn). The satellite speakers are connected to the subwoofer with two 8m Speakon™ four-connector speaker cables that are included with the package. The system is powered by one AC line cord ensuring quick and convenient set-up and tear-down, with a minimum of cabling and connectivity around the stage. True to Yorkville loudspeaker design, all of the cabinets in the élite éXcursion1000 are made with strong, durable plywood, not MDF or composites.

Click To View High Resolution Image The electronic crossover network ensures an acoustically perfect transition between the subwoofer and the mid / high satellite speakers. Opto-limiter circuitry in the crossover network provides an unobtrusive and "musical sounding" compression that not only protects the speaker components, but also ensures balanced and clear reproduction from the satellite cabinets. The entire system can be connected to any mono or stereo mixer source through either XLR or 1/4-inch TRS balanced inputs. To ensure trouble free movement from Point A to Point B, the éXcursion1000 comes shipped with a detachable swivel caster dolly and Velcro™ tie down strap for the satellite cabinets. Unlike competitive system solutions, the caster kit from the élite éXcursion1000 does not remain attached to the subwoofer when the system is in use, eliminating caster buzz and rattle during live performances.

A complete, self contained and powered system with passive and active crossover networks, equalization, and separate stereo and subwoofer level control all built in, making the éXcursion Series the ultimate in compact live/DJ systems. A complete PA system that truly is "Plug and Play".



EX1 Packed on Dolly Board



Features

- Ideal PA system solution for audiences of up to 300 people
- Complete PA system that truly is "Plug and Play," all amplification is built-in
- Voiced for recorded music playback as well as live sound reinforcement applications
- XLR and 1/4-inch TRS balanced inputs connect easily to any mixer source
- Active crossover network and integrated power amplification creates a seamless balance between subwoofer and stereo full range bi-amplified loudspeakers
- System nests together for easy transportation and storage
- Ultra quiet, highly efficient, high output, low distortion, and lightweight compact PA solution
- Integrated bar handles and standmount adaptors
- Solid plywood cabinet construction
- Available in both Black Ozite Carpet (EX1) and Black Ultrathane (EX1B) painted finishes
- Removable caster kit

Dimensions

(WxHxD in/cm):

Satellite Speakers - (each)

8.5x10.75x15.5 / 21.5x27.3x39.4

17.7lbs / 8.1kgs

Subwoofer -

21.5x17.25x22.25 / 54.6x43.8x56.5

81.2lbs / 36.8kgs

Caster Kit (with wheels) -

17.25x22.25x3.5 / 43.8x56.5x9

15.2lbs / 6.9kgs

Specifications subject to change without notice



EX1 Rear Panel



Specifications

System Type	Self Contained Loudspeaker System
Active or Passive	Active
Program Power (Watts)	2x 150 / 650
Biamp Operation Only	Yes
Max SPL (dB)	118 / 124
Frequency Response (Hz +/- 3dB)	45 - 19,000
Crossover Frequency (Hz)	130 / 3000
Driver Configuration	2 x 1 x 8-inch / 1 x 15-inch
HF Driver(s)	1.4-inch Aluminum
HF Program Power (Watts)	25
HF Impedance (Ohms)	4
HF Horn	ABS Plastic Custom Waveguide
HF Dispersion (°H x °V)	90 x 30
HF Protection	Clip / Thermal / Short Circuit
MF Driver(s)	8-inch
MF Program Power (Watts)	125
MF Protection	Clip / Thermal / Short Circuit
LF Driver(s)	15 inch (2.5-inch voicecoil)
LF Program Power(Watts)	650
LF Impedance (Ohms)	4
LF Protection	Clip / Thermal / Short Circuit
HF Power Amplifier (Watts)	25 x 2
MF Power Amplifier (Watts)	125 x 2
LF Power Amplifier (Watts)	650
Power Cable	IEC Detachable
Power Switch	Yes
Power Consumption (typ/max)	5.6 / 7 @ 60Hz - 2,8 / 3,5 @50Hz
Inputs - 1/4" Jacks	2
Inputs - XLR	2
Mixer Controls	Subwoofer level control / Left and Right satellite level controls
LED Indicators	Clipping
Other Controls / Features	SP4 4-pin Speakon connector and cable must be used to connect satellite cabinets to amplifiers (included).
Feet	Yes
Wheels	Dolly Board
Bar Handles	Yes
Pole Mount Adapter (1 3/8" -3.5cm)	Yes
Enclosure Materials	15mm 11-ply birch
Grille	Perforated Metal Grille
Covering / Finish	Black Ozite carpet
Optional Covering / Finishes	Black Hard Painted Finish (EX1B)