



# éXcursion EX1

Active Self Contained Loudspeaker System

## Features:

- ▷ **950 Watt Active Self Contained Loudspeaker System**
- ▷ **15-inch Active Subwoofer**
- ▷ **2 x Active 8-inch Woofer with 1-inch Tweeter Satellite Speakers**
- ▷ **Available in both Black Ozite Carpet (EX1) and Black Ultrathane (EX1B) painted finishes**
- ▷ **45 to 19,000 Hz Frequency Response**
- ▷ **XLR and 1/4-inch TRS balanced inputs connect easily to any mixer source**
- ▷ **Solid plywood cabinet construction with Integrated bar handles and standmount adaptors**
- ▷ **Two-year Unconditional Warranty\***

\*Warranty valid in Canada and the United States only

## Overview:

The simple concept behind the élite EX1 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 EX1 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 EX1 system.

The EX1 system delivers 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 teardown, with a minimum of cabling and connectivity around the stage. True to Yorkville loudspeaker design, all of the cabinets in the élite EX1 are made with plywood, not MDF or composites.

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 EX1 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 EX1 does not remain attached to the subwoofer when the system is in use, eliminating caster buzz and rattle during live performances.

The EX1 system is available in two finishes, including a rugged black Ozite carpet covering, ideal for mobile PA and rental houses (EX1), or in a black painted finish (EX1B) more suited to institutional or club system applications.



## éXcursion Specifications:

MODEL	EX1
SYSTEM TYPE	Self Contained Loudspeaker System
ACTIVE OR PASSIVE	Active
PROGRAM POWER (Watts)	2x 150 / 650
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 HORN	ABS Custom Waveguide
HF DISPERSION (°H x °V)	100 x 25
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)
SUBWOOFER PROGRAM POWER (Watts)	650
LF PROTECTION	Clip / Thermal / Short Circuit
SATELLITE POWER AMPLIFIER (Watts)	25 x 2 (HF) / 125 x 2 (MF)
LF POWER AMPLIFIER (Watts)	650
INPUTS	2 x 1/4" Jacks / 2 x XLR
CONTROLS	Subwoofer level control / Left and Right satellite level controls
HARDWARE	Wheels (Dolly Board) , Bar Handles, Pole Mount Adapter
ENCLOSURE MATERIALS	15mm 11-ply birch, Perforated Metal Grille
COVERING / FINISH	Black Ozite carpet (EX1), Black Painted (EX1B)
SATELLITE SPEAKERS (WxHxD in/cm)	8.5x10.75x15.5 / 21.5x27.3x39.4
	17.7lbs / 8.1kgs
SUBWOOFER (WxHxD in/cm)	21.5x17.25x22.25 / 54.6x43.8x56.5
	81.2lbs / 36.8kgs