



# éXcursion EX2

Active Self Contained Loudspeaker System

## Features:

- ▷ 1650 Watt Active Self Contained Loudspeaker System
- ▷ 18-inch Active Subwoofer
- ▷ 2 x Active 12-inch Satellite Speakers
- ▷ Available in both Black Ozite Carpet (EX2) and Black Ultrathane (EX2B) painted finishes
- ▷ 42 to 18,000 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 1650-watt éXcursion EX2 is the most powerful self-contained PA system in its class.

The center of the system is a single 1200-watt active subwoofer loaded with the same powerful 18-inch mylar diaphragm completes the high-end component of the system while the élite passive subwoofer line.

The 12-inch and horn satellite loudspeakers used in the EX2 are true 'éelite' cabinet quality in both component selection and design. A 90 x 30 degree injection molded 1-inch horn with 1-inch mylar diaphragm completes the high-end component of the system while a high quality single 12-inch driver handles the mid frequencies. True to the same design philosophy behind Yorkville's élite loudspeaker line, all of the cabinets in the EX2 System are made with solid 15mm 11-ply birch plywood, not MDF or wood composite construction.

Three separate power amplifiers are integrated into the electronic components of the EX2's active subwoofer power the entire system. An electronic crossover network ensures an acoustically perfect transition between the subwoofer and the mid / high satellite speakers while opto-limiter circuitry provides an unobtrusive and 'musical sounding' hard-knee compression that not only protects the speaker components, but ensures balanced and clear reproduction from the 12-inch and horn satellite cabinets.

XLR and 1/4-inch TRS balanced inputs ensure the EX2 can be connected to any stereo mixer source quickly and easily. The satellite speakers are connected to the subwoofer with two 25-foot (8m) 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 around the stage.

Yorkville's proven high output class-D technology is used for the Subwoofer amplifier. This highly efficient technology ensures there is always enough power for the 1200-watt bottom end amplifier even when AC input voltages are limited. The mid / high frequency component of the EX2 is driven by a stereo 450-watt power amplifier. A reliable, efficient and effective three-tier amplifier design was chosen for the mid / high component of this system.

The EX2 System nests into one convenient package for transportation and storage, and is available in two finishes, including a rugged black Ozite carpet covering, ideal for mobile PA and rental houses (EX2), or in a black painted finish (EX2B) more suited to institutional or club system applications.



## éXcursion Specifications:

MODEL	EX2
SYSTEM TYPE	Self Contained Loudspeaker System
ACTIVE OR PASSIVE	Active
PROGRAM POWER (Watts)	2x 225 / 1200
MAX SPL (dB)	119 / 128
FREQUENCY RESPONSE (Hz +/- 3db)	42 - 18,000
CROSSOVER FREQUENCY (Hz)	110 / 2200
DRIVER CONFIGURATION	2 1x12 inch / 1 1x18 inch
HF DRIVER(S)	1 inch Mylar
HF PROGRAM POWER (Watts)	225
HF HORN	ABS Custom Waveguide
HF DISPERSION (°H x °V)	90 x 30
HF PROTECTION	GTL
MF DRIVER(S)	12 inch (2 inch voicecoil)
MF PROGRAM POWER (Watts)	225
MF PROTECTION	-
LF DRIVER(S)	18 inch (4 inch voicecoil)
SUBWOOFER PROGRAM POWER (Watts)	1200
LF PROTECTION	Excursion / Clipping / Thermal
SATELLITE POWER AMPLIFIER (Watts)	225 (HF+MF)
LF POWER AMPLIFIER (Watts)	1200
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 Adaptor
ENCLOSURE MATERIALS	15mm 11-ply birch, Perforated Metal Grille
COVERING / FINISH	Black Ozite carpet (EX2), Black Painted (EX2B)
SATELLITE SPEAKERS (WxHxD in/cm)	22.25x14.25x10.75 / 56.5x36.25x27.3
	33lbs / 14.9kgs
SUBWOOFER (WxHxD in/cm)	29.5x22x18.25 / 75x55.8x46.3
	112lbs / 51kgs