



# The Smart Volume Speaker System Technical Information

A compact, full fidelity speaker system that monitors ambient noise levels and self-adjusts its volume output accordingly. No user calibrations are necessary.

Focuses sound to the intended area.

Designed to sit flush with a plasma, lcd, or other monitor. Can also be custom integrated into a kiosk.

Includes a computer programmable microprocessor to control microphone sensing and amplifier.

Six speaker dual array system with woofer.

Sends and receives information remotely such as:

- Change response time*
- Program minimum/maximum volume levels*
- Disable power switch*
- Change differential volume levels*
- Change amount of focus/base*
- Monitor busiest/slowest times of day*

## Automatic Volume Adjustment

A microprocessor uses an integrated microphone to detect the ambient noise level and compensate its own output. A volume control knob on the rear of the unit adjusts the differential between the ambient noise and speaker level. An LED meter displays the relative differential level. Automatically maintains a user selectable fixed level over the ambient range.

- 40dB Range of automatic adjustment
- 55dB Activation threshold
- 95dB Maximum output at one meter

## Response Time

Software adjustable (3db/second maximum)

## Frequency Response

75Hz - 20KHz, +/- 3dB

## Compressor

Tames the amplitude dynamics of the audio signal to a more concise range.

Compression ratio 2:1

## Nominal Output Power and Impedance

Computer programmable built in amplifier.

10 watts continuous per channel

25 watts peak per channel

## Input Impedance

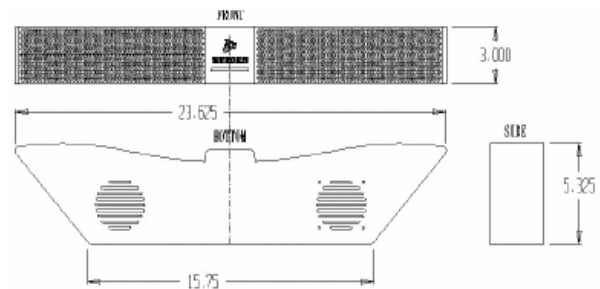
8000 Ohms

## Connections

Audio Input: left and right RCA low level input

Computer Link: USB

## Physical Dimensions



3"H x 23.625"W x 5.325"D (76mm x 600mm x 135mm)

**Finish:** Metallic

## Weight:

6.1 lb.(2.77kg) (without wall pack power supply)

Shipping weight: 9 lbs. (4.09kg)

## Power Supply:

16 Vac 1 Amp standard, (higher output available)

120 Vac external wall pack supplied

100 Vac and 220 Vac available on request