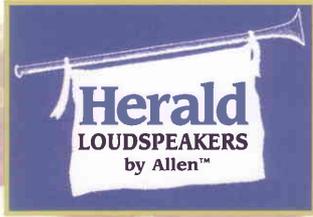


ALLEN SPEAKERS BRING OUT



Transient response has come to mean the speed of the attack or start-up sounds (the initial “tap” of a cymbal, for example). While this is one part of the “picture,” the speaker industry as a whole has ignored the fact that an important element of transient response is the ability to respond to any very fast peak in a sound. These peaks also occur in the “steady state” or sustained portion of the wave and must be reproduced to make authentic sounding instruments—especially reeds, strings, mixtures, and the wind sounds of any flue pipe. Such sounds are garbled by the typical consumer grade “audiophile” speakers used in the digital organ industry.

Allen Organ Company LLC, with its advanced audio technology and the Herald™ series, faithfully recreate these peaks accurately and at the intensity needed for the true “feel” and majesty of the pipe organ.



Herald HR-50 Speaker

Features

- 1" Ferro-Fluid titanium diaphragm compression driver with matched bi-radial horn
- Passive two-way second order crossover network
- 6" woofer
- Frequency response 100 Hz to 20 kHz
- Sensitivity 94 dB
- Nominal Impedance: 8 ohms
- Utility Cabinet Dimensions - *Finished Cabinet (shown) dimensions differ slightly:*
 - 10" (254 mm) wide
 - 17" (432 mm) high with glides
 - 7 3/4" (269 mm) deep with grille
- Weight: 20 lbs. (9.1 kg) uncrated



Herald HR-100 Speaker

Features

- 1" Ferro-Fluid titanium diaphragm compression driver with matched bi-radial horn
- Passive two-way second order crossover network
- 12" woofer
- Frequency response 40 Hz to 20 kHz
- Sensitivity 94 dB
- Nominal Impedance: 8 ohms
- Utility Cabinet Dimensions - *Finished Cabinet (shown) dimensions differ slightly:*
 - 14 1/2" (368 mm) wide
 - 25 5/8" (651 mm) high with glides
 - 10 19/32" (269 mm) deep with grille
- Weight: 43 lbs. (19.5 kg) uncrated



Herald HR-200 Speaker

Features

- 1" Ferro-Fluid titanium diaphragm compression driver with matched exponential horn
- Passive two-way second order crossover network
- 15" woofer
- Frequency response 30 Hz to 20 kHz
- Sensitivity 94 dB
- Nominal Impedance: 8 ohms
- Utility Cabinet Dimensions - *Finished Cabinet (shown) dimensions differ slightly:*
 - 17 3/8" (441 mm) wide
 - 33 1/4" (844 mm) high with glides
 - 19 1/8" (486 mm) deep with grille
- Weight: 80.5 lbs. (36.5 kg) uncrated



The Herald R-100 Trumpeteer™ Wave Projector

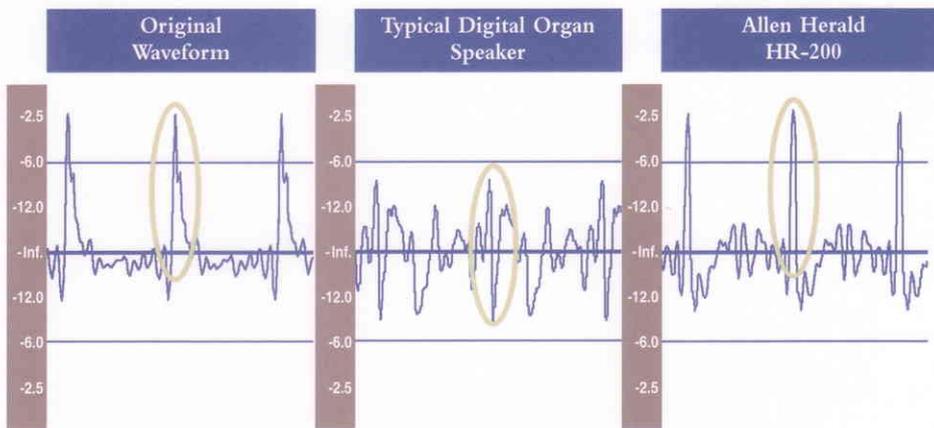
1" Ferro-Fluid titanium diaphragm compression driver with matched bi-radial horn



The Herald R-200 Trumpeteer™ Wave Projector

1" Ferro-Fluid titanium diaphragm compression driver with matched exponential horn

THE BEST IN ORGAN SOUNDS



The waveform shown is C2 of the Great 8' Tromba.

This Allen Herald HR-200 graph shows the waveform as played on an Allen Quantum™ Organ



Allen M-100 Amplifier

Allen amplifiers are designed modularly to provide the most efficient and powerful solution for every application.

Built in-house, each bridged M-100 amplifier module can provide up to 350 watts, or 16 channels, of clean, reliable power from 10 Hz to 20 KHz.



SPEAKER GRILLE CLOTH SELECTIONS

Bone
(450-00005)

Brown
(421-6007)

White
(421-6010)

Black
(130-0003)



Allen HC-14/15 Speaker

The Allen HC-15 speaker (HC-14 in veneered finishes) is the standard cabinet for Protégé™ Organs. These three-way speaker cabinets include a 15" woofer, as well as a 4" mid-range and a 1" tweeter. The result is a full-range cabinet with a perfect blend of bass, midrange and treble capabilities. The Allen HC-14 and 15 cabinets faithfully recreate the high-fidelity sounds produced by Allen Organ.

Features

- Passive three-way crossover network
- 15" woofer
- 4" Mid-range Driver
- 1" Tweeter
- Frequency response 30 Hz to 20 kHz
- Sensitivity 98 dB
- Nominal Impedance: 8 ohms
- Utility Cabinet Dimensions - *Finished Cabinet (shown) dimensions differ slightly:*
 - 17 3/8" (444 mm) wide
 - 33 1/4" (844 mm) high with glides
 - 16 11/16" (424 mm) deep with grille
- Weight: 82 lbs. (37.2 kg) uncrated



BASS SPEAKERS / SUB-WOOFER SYSTEMS

Allen SR-1 Seismic Radiator™ Sub-Woofers System

The Allen SR-1 utilizes a custom-designed 15" high-mass, super-low-frequency, double-magnet active driver. This driver, in conjunction with four passive radiators, extends performance to 14.8 Hz with only 3 dB attenuation. Opposing radiators increase system stability and facilitate high output of these super-low frequencies.

- SR-1 Dimensions (with glides): 44 5/16" (1127 mm) wide; 27 5/16" (695 mm) high; 22 3/8" (569 mm) deep
- SR-1 Weight: 160 lbs. (72.4 kg) uncrated

NOTE: SR-1 Series Cabinets are paintable.



SR-1 Seismic Radiator™

SR-5 Seismic Radiator™

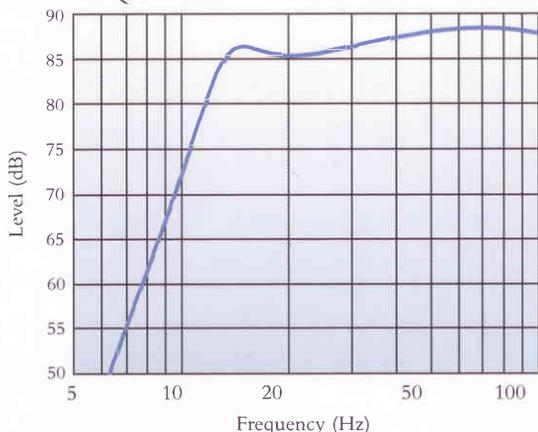
Allen SR-5 Seismic Radiator™ Sub-Woofers System

The SR-5 Seismic Radiator™ employs the same custom-designed 15" high-mass, super-low-frequency, double-magnet active driver used in the SR-1, coupled with 2 passive radiators on each side. Used in a 6th order alignment, system response extends to 16 Hz.

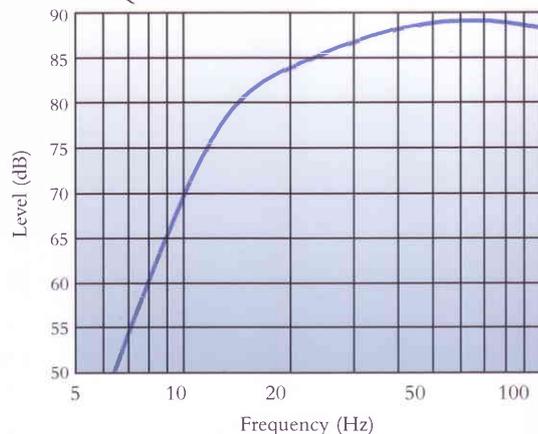
- SR-5 Dimensions (with glides): 19 5/8" (499 mm) wide; 33 5/16" (848 mm) high; 20" (508 mm) deep
- SR-5 Weight: 80 lbs. (36.2 kg) uncrated

NOTE: SR-5 Series Cabinets are paintable.

SR-1 FREQUENCY RESPONSE



SR-5 FREQUENCY RESPONSE



Contact your Allen representative for a live demonstration of our outstanding speakers

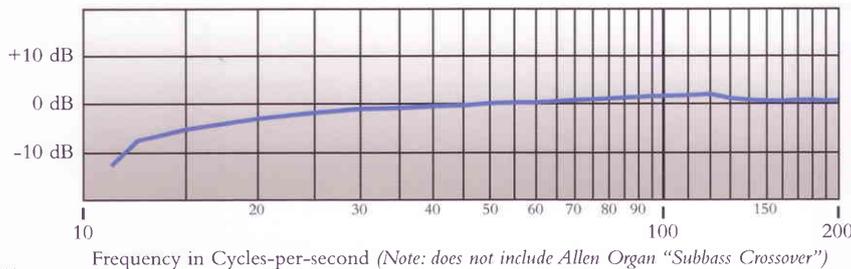


Allen B-20 Bass Speaker

Features

- 12" woofer
- Passive two-way second order crossover network
- Frequency response 30 Hz to 200 kHz
- Sensitivity 94 dB
- Nominal Impedance: 8 ohms
- Utility Cabinet Dimensions - Finished Cabinet (shown) dimensions differ slightly: 17 3/8" (441 mm) wide; 33 1/4" (844 mm) high with glides; 19 1/8" (486 mm) deep with grille
- Weight: 69 lbs. (31.3 kg) uncrated

B-20 FREQUENCY RESPONSE



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