

Elderhorst Bells, Inc.  
 875 Gravel Pike  
 Palm, PA 18070  
 Phone: 1-800-810-7892 Fax: 215-679-3692  
 E-Mail: info@elderhorstbells.com Web site: www.elderhorstbells.com

## Apollo III - Digital Carillon



### Apollo III Digital Carillon (with or without optional MIDI)

The **APOLLO-DIGITAL CARILLON SYSTEM** provides for user programmable Westminster or other hourly melodies, hourstrike, Angelus, Swinging bell peals, tolls and melodies. The Midi option adds the ability for the user to play the digital bells directly, and to play additional melodies into memory for programmed play

The **APOLLO-DIGITAL CARILLON** provides for dynamic touch sensitive programming and play of the 64 bell notes available, with 32 note polyphony. The bells are sampled at 32khz which ensures a high quality bell tone.

The system is normally provided with a steel rack mount enclosure and PA type amplifier. Additional options and configurations are available.

Contact Elderhorst Bells, Inc. for additional information and pricing.

## SPECIFICATIONS

Supply Voltage	110VAC/24VAC Listed Power Supply provided
Crystal Frequency	32.768 Hz
Accuracy	Factory calibrated at 77 degrees (25 C)- with Calibration circuit: +1/-2 ppm freq. error= Approx. 2.62 seconds per month
Time Keeping	Quartz based, with Lithium Battery back-up for automatic time correction following power failure. <u>Optional GPS, or NTP time synchronization systems available.</u>
Program Memory	Automatic battery backup of all melodies, Westminster, Hour-strike, Angelus, and Programming.
Impulse Output	Polarized minute impulses (for tower clocks- if applicable). Electrically Swung, or Stationary Mounted Bells fitted with electro-magnetic clappers. Contact Elderhorst Bells, Inc. for proper configuration.
Wireless remote - (optional)	4 programs
Daylight Savings Time	Fully automatic correction
Amplifier	560 watt min. bridged mono standard-other options and configurations available.
Cabinet	Steel, 16 1/2" x 22" x 15"h with locking door, and rack type mounting for amplifier and Apollo unit.
Loudspeaker Horns (optional)	"Atlas" Type CJ-46, directional reflex sound projectors with 60 watt drivers. We recommend 1, 2, or 4 loudspeaker horns.