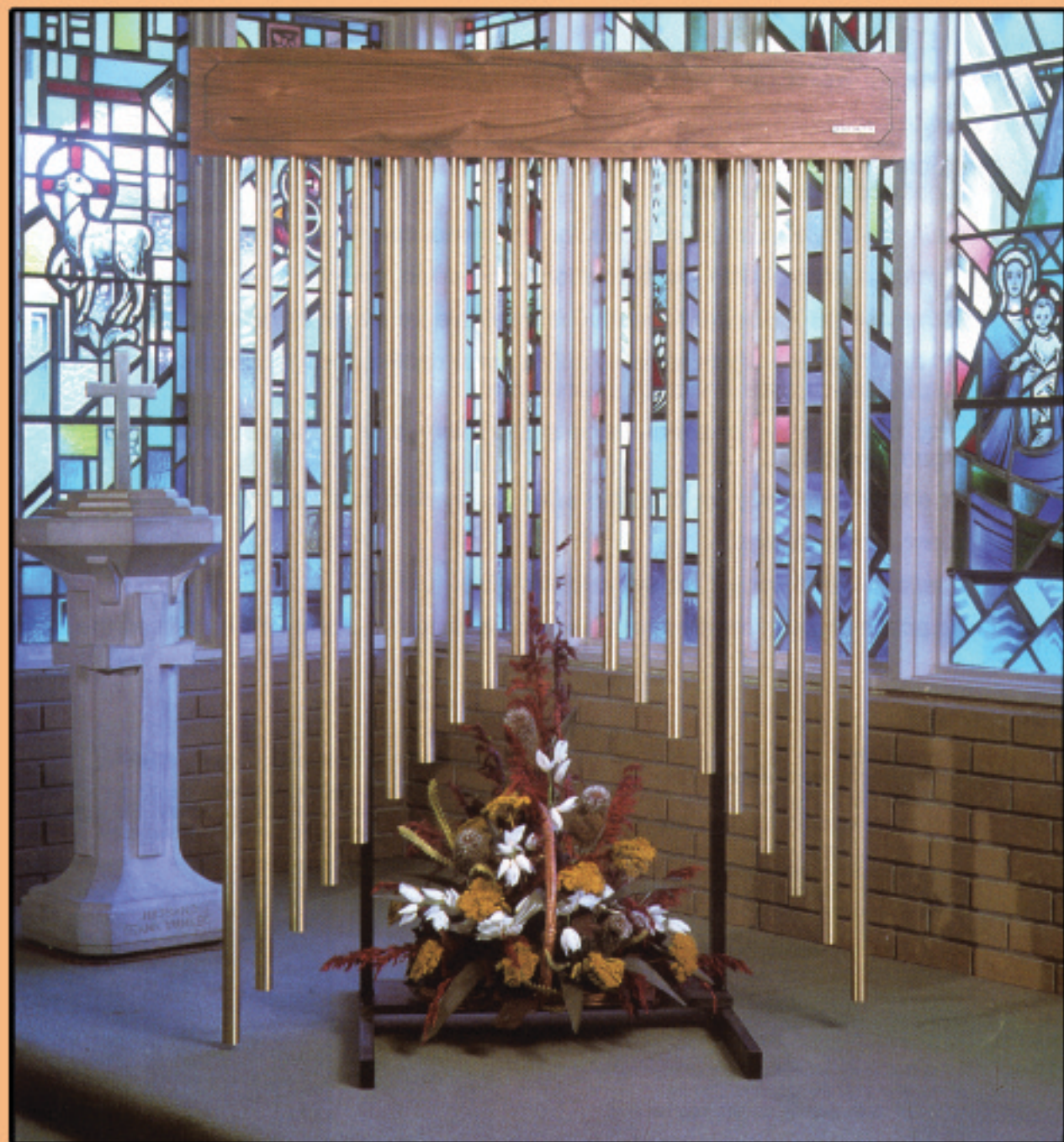


# **peterson** CATHEDRAL CHIMES



Peterson, a pioneer in the application of modern technology to the pipe organ, has revolutionized traditional tubular chimes that have been part of fine organs for decades. Peterson engineers realized that chimes and chime actions were still being built the same way as a half-century earlier, and they still had the same problems with imprecise tuning, uneven and difficult-to-adjust actions, heavy and difficult-to-hook-up cables, sparking contacts, and a host of other problems all too well-known to organ builders and service people. Peterson's solution is its innovative Cathedral Chimes line.

## **peterson** ELECTRO-MUSICAL PRODUCTS, INC.

708-388-3311 800-341-3311 11801 S. Mayfield Ave. Alsip, IL 60803 www.PetersonEMP.com

# **peterson** CATHEDRAL CHIMES

The features below are but a few of the significant developments that contribute to this quantum step forward in bell and chime instrument design.

- *Beautiful satin gold brass chimes, precision tuned with special Peterson stroboscopic tuning instruments, and designed for optimal harmonic development.*
- *Also available with aluminum bar type chimes.*
- *Exclusive Peterson magnetic repulsion striker action - incredibly simple with almost nothing to adjust or to get out of adjustment.*
- *Electronically-controlled dampers make for more musical flexibility.*
- *Wide range of volume control with multi-position expression switch.*
- *Easy connection to almost any organ (requires only a small cable) making it practical to display chimes and to better capitalize on their beautiful appearance.*
- *No separate relay, chime driver, or separate contact system is ordinarily required when connecting to play from organ keyboards.*
- *No adjustment should ordinarily be required after the system has been properly installed.*
- *Incredibly efficient striker design.*
- *Far simpler installation and set up, saves valuable time.*
- *Peterson chime action alone available to replace an old, defective action while utilizing the old tubes.*
- *Split-rail configuration also available.*

### **SPECIFICATIONS**

<b>SIZE:</b>	21 Note set 50 $\frac{3}{4}$ " L x 7 $\frac{1}{2}$ " H x 6 $\frac{1}{2}$ " D. Top of canopy to bottom of longest tube 70". 25 Note set 59 $\frac{1}{4}$ " L x 7 $\frac{1}{2}$ " H x 6 $\frac{1}{2}$ " D. Top of canopy to bottom of longest tube 78 $\frac{1}{2}$ ".
<b>TUBES:</b>	1 $\frac{1}{4}$ " seamless chime brass with no die lines or ridges. Precision strobe tuned and brushed to a satin gold finish then lacquered to protect and keep the chimes looking beautiful for years to come. Also available — solid aluminum bar chimes, brushed, clear lacquered, and precision strobe tuned.
<b>ELECTRICAL REQUIREMENTS:</b>	Class II transformer (supplied) 110-117 volts 50-60 HZ. 50 VA.
<b>STOP CONTROL:</b>	The stop polarity is positive on a standard unit but negative may be specified. Can be connected to an existing chimes stop tablet, if available.
<b>KEYING:</b>	Designed for easy connection to most organs using existing contacts. Factory assistance is available for specifics as to best way of connecting to any pipe organ. Power to operate strikers is provided by power supply supplied with the chime unit.
<b>CANOPY FINISH:</b>	Walnut (or other on special order at extra cost.)
<b>CONTROLS:</b>	5 position expression switch, on/off.
<b>RANGE:</b>	21 Note Set: A-22 (440 Hz.) through F-43 (1397 Hz.) 25 Note Set: G-20 (392 Hz.) through G-45 (1568 Hz.)

**LIMITED WARRANTY:** All materials and workmanship are warranted for 10 years from date of purchase. See conditions of sale for specific conditions of warranty.



**EXCLUSIVE MAGNETIC REPULSION STRIKER ACTION**

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