

*Kahlenberg*

SINCE 1895



Sound Signaling Equipment for Yachts

## The Tradition Continues...

A manufacturer of sound signaling equipment since 1895, Kahlenberg Brothers Company designed and produced its first air whistles nearly one hundred years ago. Through ongoing refinement and the introduction of new models, Kahlenberg Sound Signals have developed a reputation of quality world-wide, for their reliability, durable construction, and distinctive sound.

All Kahlenberg Sound Signals are tested in an in-house anechoic testing chamber to ensure conformance to the standards established by the International Maritime Organization (IMO), ('72 COLREGS). U.S. Coast Guard Certificates of Conformance are included with every shipment. Certificates from numerous other approval bodies are also available.



O2M Musical Air Horn

### Chimetone Air Horns

Kahlenberg "Chimetone" models all utilize more than one projector or "trumpet" in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. Owners, builders, and designers of the finest yachts world-wide insist on using Kahlenberg Air Horns because they realize that the sound of a vessel can be one of its most impressive aspects.

Never requiring tuning or adjustments of any kind, most Chimetone Air Horn models are also available with optional clear 360 degree maneuvering light. Made entirely of bronze and brass, all models are available with either chrome or white powdercoat finish.



D-1 Air Horn



T-1 Air Horn



D-2 Air Horn



T-2 Air Horn



T-3A Air Horn



Q-3A Air Horn



F-3 Air Horn



KDT-123 Air Horn

## Zero Series Air Horns

Kahlenberg "Zero Series" Air Horns are specifically suited for vessels less than 20 Meters in length. While these horns are nearly identical to the larger "Chimetone" Air Horns in terms of sound characteristics and finish quality, they are designed to operate on lower air pressure and volume. This allows for operation with smaller, space saving compressor systems that reduce installation costs. All three models are available in Brass, Chrome, or White Powdercoat finishes.



## Air/Steam Whistles

For marine and industrial signaling, these whistles work equally well on steam or air pressure. Designed to operate on 50 to 200 p.s.i., and manufactured entirely of brass and bronze, they are available with or without a manual valve installed. Chrome finish is also available.



## Air Compressors

Kahlenberg manufactures a complete line of air compressor units for use with all Kahlenberg Air Horns. These units are electric motor driven, single and two stage ranging from 1/5 horsepower, intermittent duty to 2 horsepower, continuous duty, capable of up to 7 C.F.M. free air delivery at 150 p.s.i.. Various air receivers are also available with ASME, USCG and ABS certification.



## Signal Controllers

Several signal controllers are manufactured by Kahlenberg to meet international requirements for safety at sea. The M-511 Signal Controller shown at right is the latest model available for use on commercial and pleasure craft. The M-511 automates signals for maneuvering (Rule 34 USCG) and restricted visibility (Rule 35 USCG), and includes a manual "at-will" push button.



## Accessories



M-131 Series Push Buttons



Air Valves, Air Strainer, Whistle Pull



Ship's Bells

Horn Model	Certified for Vessels	Dimensions	Weight	Air Cons.	Pressure Req'd	Control	Compressor	Valve
	Less Than	L x W x H (inches)	(LBS.)	C.F.M.	P.S.I.			
S-0A	20 Meters	17 x 6.88 x 6.88	4.75	9	50 to 200	M-485	P449-3/P449-4	V-69-K
D-0A	20 Meters	22.68 x 11.59 x 7.25	9	17.6	50 to 200	M-485	P449-3/P449-4	V-69-K
T-0A	20 Meters	22.68 x 14.53 x 9.31	16	21.5	50 to 200	M-485	P449-9/P449-10	V-69-K
D-1	75 Meters	18.84 x 13.5 x 8.62	17	26.4	100 to 250	M-511	CE-50A	V-150 or V-150AL
D-2	75 Meters	20.61 x 15.5 x 8.56	33	31.2	100 to 250	M-511	TUE-52	V-150 or V-150AL
T-1	75 Meters	18.31 x 13.03 x 13.66	23	36	100 to 250	M-511	TUE-52	V-150 or V-150AL
T-2	75 Meters	22.24 x 22.4 x 12.03	55	42	100 to 250	M-511	CUE-1001A	V-150 or V-150AL
T-3A	75 Meters	21.13 x 20.13 x 18.75	75	56.4	100 to 250	M-511	CUE-200A	V-151 or V-152L
Q-3A	75 Meters	24.38 x 16.31 x 20.13	100	70.8	100 to 250	M-511	CUE-200A	V-152 or V-152L
F-3	75 Meters	29.63 x 26.41 x 25.59	145	88.5	100 to 250	M-511	CUE-200A	V-152 or V-152L
KDT-123	75 Meters	30.63 x 28 x 21.31	110	102	100 to 250	M-511	CUE-200A	V-152 or V-152L
O2M	75 Meters	26.53 x 29.75 x 24.44	125	16 to 42	100 to 250	M-511	CUE-200A	M-490

\*\*\*Additional "Chimetone" Models are also available certified for pleasure craft over 75 Meters in Length.

\*\*\*Technical Data Sheets are available for all items referenced herein.



SINCE 1895

A family owned corporation since 1895, Kahlenberg Brothers Company remains committed to serving the marine industry with the highest quality product and service worldwide.

\*\*\*FOR COMMERCIAL AND MILITARY APPLICATIONS SEE BULLETIN 105.

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