



TECHNICAL DATA

8" ALARM BELL MBA248

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

Telephone: 269-945-9501 Technical Services 877-384-5464 Fax: 269-945-4495 Email: techsvcs@vikingcorp.com

1. DESCRIPTION

The MBA248 vibrating type bell is designed for use as fire, burglar or general signaling devices. They have low power consumption and high decibel ratings. The unit mounts on a standard 4" (101 mm) square electrical box for indoor use or on a Model BBK-1 weatherproof backbox for outdoor applications.



2. LISTINGS AND APPROVALS

UL Listed - Guide ULSZ.S1456
cUL Listed - Guide ULSZC.S1456
FM Approved - Notification Appliances

3. TECHNICAL DATA

Manufactured by:

Potter Electric Signal Company, LLC
2081 Craig Road
St. Louis, Missouri 63146

Specifications:

Size: 8" (200mm)
Voltage: 24VDC
Current Draw (Max): .06 Amp
dB at 10 ft. (3m): Minimum - 79 dB
Typical - 91 dB

Minimum dB ratings are calculated from integrated sound pressure measurements made at Underwriters Laboratories as specified in UL Standard 464. UL temperature range is -30° to 150°F (-34° to 66°C).

Typical dB ratings are calculated from measurements made with a conventional sound level meter and are indicative of output levels in an actual installation.

Environment: Indoor or outdoor use (Outdoor use requires weatherproof backbox.)

Temperature Range: -40° to 150°F (-40° to 66°C)

Termination: Terminal strip

Finish: Red powder coating

Ordering Information:

Potter Part Number - 1750110

Weatherproof Backbox Model BBK-1, Stock No. 1500001

Viking Technical Data may be found on
The Viking Corporation's Web site at
<http://www.vikinggroupinc.com>.
The Web site may include a more recent
edition of this Technical Data Page.

4. INSTALLATION

1. The bell shall be installed in accordance with NFPA 13, 72, or local AHJ. The top of the device shall be no less than 90" AFF and not less than 6" below the ceiling.
2. Remove the gong.
3. Connect wiring (see Fig. 3).
4. Mount bell mechanism to backbox (bell mechanism must be mounted with the striker pointing down).
5. Reinstall the gong (be sure that the gong positioning pin, in the mechanism housing, is in the hole in the gong).
6. Test all bells for proper operation and observe that they can be heard where required (bells must be heard in all areas as designated by the authority having jurisdiction).

5. OPERATION

The Alarm Bell operates when a signal is sent indicating a trouble on the system.

6. INSPECTIONS, TESTS AND MAINTENANCE

N/A

7. AVAILABILITY

The Alarm Bell is available through a network of domestic and international distributors. See the Viking Web site for closest distributor or contact The Viking Corporation.

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8. GUARANTEES

For details of warranty, refer to Viking's current list price schedule or contact Viking directly.

