

# PAGING SITE SURVEY SHEET

Before you begin designing or quoting a job, you will need some basic information regarding the site and the end-user's needs. Use the Site Survey Check List below to ensure that you collect all the information you will need to complete the design of the paging system.

#### Tools Needed

- measuring wheel/tape measurecalculator
- sound pressure meter
- Bogen Products catalog

Obtain a copy of the floor plan of any areas that may require special design considerations (high shelving, machinery location, decibel measurements, exposed beams, etc.).

## **CUSTOMER INFORMATION**

### PERSON COMPLETING FORM

Company:	Company:
Contact:	Contact:
Address:	Address:
City/State/Zip:	City/State/Zip:
Phone:	Phone:
Fax:	Fax:
E-mail:	E-mail:

#### SITE SURVEY CHECK LIST

**Section I** – System Needs concerns the requirements of the entire installation. **Section II** – Specific Area Needs concerns specific areas within the installation.

Note: Installations that contain areas with different style environments or sound levels may require Section II to be filled out separately for each area. Be sure to make enough copies of this page for this purpose.

#### I. SYSTEM NEEDS

 a. What Type of Telephone Port Will Be Available for Connection to the Paging System?

 Loop Start
 Ground Start

Page Port	Analog Station Port
Other:	

- b. How Many MIC Inputs Needed?
- c. How Many AUX Inputs Needed?
- d. Is Zone Paging Required? 
  Yes No If yes, how many zones: \_\_\_\_\_
- e. Is Talk Back Required? If yes, in individual zones? If yes, system-wide (no zones)? Yes No
- f. Is Group Paging Required? Yes No
- g. Are Time Tones Needed to Signal Shift Changes?
- h. How Can the Amplifier Be Mounted?

#### i. Amplifier Features Needed:

Aphex <sup>™</sup> Aural Exciter	Uvariable Loudness Contour Control
Automatic Level Control (ALC)	Graphic Equalizer
Bass & Treble Controls	Variable Mute
Automatic Mute	🖵 Manual Mute
🗅 MOH Output	🖵 Night Ringer

#### j. Any Technology Preference?

□ None □ 70V Central Amplifier □ Self-Amplified 24V Equipment

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#### II. SPECIFIC AREA NEEDS

a.	Area Name/Description:				_
b.	Area Dimensions:				
	Length	_ ft.	Width	fr	t.
	Square Footage	_ sq. ft.	Ceiling Height		ft.
c.	Ambient Noise Level:		dB		

- d. Will There Be Large Changes in Ambient Noise Levels in the Area?
- If yes, note range: \_\_\_\_\_ dB to \_\_\_\_\_ dB e. Environment:
- Office/Professional/Retail Store
   Institutional/Remote Public Area
   Warehouse
   Aisles created by high storage racks
   Hallways
   Cafeteria/Break Room
   Auditorium
   Loading Docks/Outdoor Areas
   Other: \_\_\_\_\_\_
- f. Where Will the Speakers Be Placed?
- g. How Can the Speakers Be Mounted? Suspended/Drop Ceiling\* Wall\*\* Beams, Columns, Other Structures

\* Make note of any changes in surfaces or positions for actual speaker mounting.
\*\* Make note of any changes in wall angles, surfaces, or height.

- h. Are Volume Controls Mounted on Each Speaker Needed?
- i. Are Wall-Mounted Attenuators Needed for Area's Volume Control?
- j. Is Feedback Elimination Equipment Needed? 
  Yes No
- k. Is Background Music Needed? 
  Yes No
  - If yes, BGM source: 
    CD Player 
    Other:
    Tuner
    Tape Player/Tuner
    Antenna Available for tuners?
    Yes 
    No

#### 1-800-999-2809

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# Sound Pressure Level Chart

Typical A	Ambien	t Noise Level	Typical Environments							
Very High Noise	85-95 dB	Speech Almost Impossible To Hear	Construction Site • Loud Machine Shop Noisy Manufacturing • Printing Shop	95 dB						
High Noise	75-85 dB	Speech is Difficult To Hear	Assembly Line • Crowded Bus/Transit Waiting Area Machine Shop • Shipping / Warehouse Supermarket (Peak Time) • Very Noisy Restaurant/Bar	85 dB						
Medium Noise	65-75 dB	Must Raise Voice to be Heard	Bank/Public Area • Department Store Noisy Office • Restaurant/Bar Supermarket • Trans Waiting Area	75 dB						
Low Noise	55-65 dB	Speech is Easy To Hear	Conversational Speech • Doctor's Office Hospital • Hotel Lobby Quiet Office • Very Quiet Restaurant/Bar	65 dB 55 dB						

	Use the area below to sketch the job site. For each area, please note:																							
	- Type of area - Room dimensions and ceiling heights - Sound pressure levels - If zone paging, the zone number - Paging only, or paging with music																							
Area 1 SPL     Area 2 SPL       Dimensions     Dimensions       Ceiling Height     Ceiling Height       Zone #     Zone #				Area 3 SPL Dimensions Ceiling Height Zone #					Di	Area 4 SPL Dimensions Ceiling Height Zone #					Area 5 SPL Dimensions Ceiling Height Zone #									
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