

Modules Required For Zone Paging Applications:

	Total Number of Zones in System										
	3	6	9	12	15	18	21	24	27	More Than 27 Zones	99 Zones
PCMTIM	← 1 Module Required For Each Total System →										
PCMCPU*	1		2			3			1 PCMCPU for every 9 Zones		11
PCMZPM	1	2	3	4	5	6	7	8	9	1 PCMZPM for every 3 Zones	
PCMTBM	← 1 Module Required For Each Total System (optional module for talk back or time tone options) →										

*Note: One PCMPS2 Power Supply (not included) is required for each PCMCPU Module.

Technical Specifications for PCM2000:

Model	Power Requirements	Audio Power Capability*	Operating Current	Dimensions	Product Weight
PCM2000	12V DC@1.5A Power Supply (not included – PCMPS2 recommended)	250W (9-zone system)	1.5A max. (9-zone system)	1-1/2" W x 7-1/2" H x 4-1/4" D, each module	1 lb., each module

*Separate Amplifier Required

Time Tones*:

- Built-in real-time clock
- Controls up to 8 time-triggered tone-signaled events
- Each time-triggered event's tone can be directed to a specific group of zones
- Time-triggered tone burst length adjustable (2-8 seconds) or chime tone
- Simple programming of times and events through the telephone
- Master clock synchronization ability


Two-Way Communications*:

- Provides hands-free, 2-way talk back communications in 70V paging systems
- Zones can be individually selected to be talk back or one-way only
- "Privacy Beep" can be enabled in talk back zones to prevent eavesdropping

* Requires PCMTBM Module

FREE DESIGN BUNDLE

PCM2000 CONFIGURATION GUIDE



This system configuration guide will assist you in designing zone paging applications.

It illustrates many popular applications for the PCM2000. This valuable guide is available to you at no cost. Download online at: www.bogen.com/products.htm

PCM2000 Modules:

PCMTIM

Telephone Interface Module

A universal interface connects to any type of telephone port, rapidly and trouble-free. Provides input for night ringer and emergency page override. One required per system.



PCMCPU

Central Processor Module

The PCMCPU controls system operation and holds all programmed parameters. One required for every 3 PCMZPM modules (9 paging zones).



PCMZPM

3-Zone Module

The 3-Zone module provides 3 paging zone outputs. Increasing system capacity is as easy as adding an additional module, up to 3 zones at a time. The zone outputs can drive 70V or self-amplified speaker systems. Relay driver outputs mirror the state



of each paging zone to control external equipment. If desired, the system-wide background music can be disconnected and a separate music source can be connected to any PCMZPM module. Background music can also be inhibited in any zone.

PCMTBM

Talk Back Module (optional)

Allows 2-way, hands-free talk back communications throughout the paging system. The built-in real-time clock allows up to 8 user-scheduled time tones to be emitted in a specific group of zones. The clock can be synchronized with an external master clock. Only one PCMTBM is required for the entire system, when needed.



Accessories



PCMPS2
Power Supply
(12V)



RPK84
Rack Mount
Kit