

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 →										
PCMPCU*	1		2			3			1 PCMPCU 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 talkback or time tone options) →										

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

Technical Specifications for PCM2000:

Model	Power Requirements	Audio Power Capability*	Operating Current	Dimensions	Shipping 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	2 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 talkback communications in 70V paging systems
- Zones can be individually selected to be talkback or one-way only
- "Privacy Beep" can be enabled in talkback zones to prevent eavesdropping

* Requires PCMTBM Module

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.

PCMPCU Central Processor Module



The PCMPCU 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 additional modules, 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 Talkback Module (optional)



Allows 2-way, hands-free talkback 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