## Quality Features

- Six zones, individually switched.
- Single contact closure for “all-call”.
- Barrier strip terminals with wire clamps.
- Compact size and mounting holes for rack panel or wall mounting.

## Description

The Lowell Model ZPM-6 Zone Paging Module provides up to six zones of selective paging and “all-call” by switching output lines between a “normal” input (typically background music or pre-recorded programming) and a “switched” input (typically paging or announcements). Two or more ZPM-6 units may also be connected together to increase the number of paging zones. Typical installation diagrams for connecting one and multiple ZPM-6 modules are shown on page 2.

The ZPM-6 module includes an attached UL Listed low-voltage power supply with 6’ cord to satisfy most code requirements. The module’s compact design allows for easy installation on a wall or may be mounted inside a cabinet using Lowell Model L15-310E rackmount shelf with pre-punched mounting holes for electronic accessories (order separately).

## A & E Specifications

Zone paging module(s) shall be Lowell Model ZPM-6 to provide up to six zones of selective paging and “all-call” by switching the output lines between a “normal” input and a “switched” input. Input power shall be 117 VAC, 60 HZ, 18W. The zone paging module shall be designed so that two or more units can be connected together as well as maintaining “all-call” functions and establishing “group-call” options. The six silver cadmium oxide relay contacts shall be of a DPDT design and have a contact rating of 5 Amps, 120 VAC. The supplied power supply shall have a power cord 6’ long and be UL Listed. The module shall be enclosed in a steel chassis with externally accessible contacts. The chassis shall have holes for mounting to a wall or onto a rack panel such as Lowell Model L15-310E. The finish shall be semi-gloss black powder epoxy.

**ZPM-6**

**L15-310E**

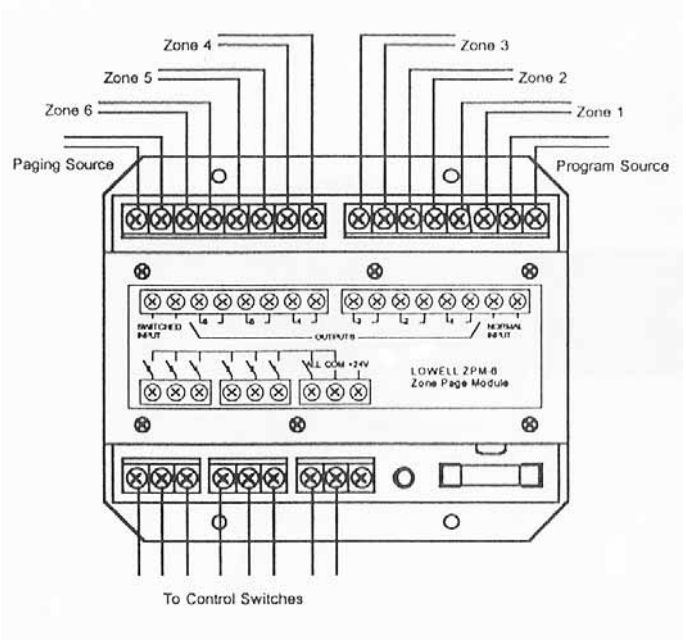
**Companion Accessory Shelf**
(order separately)

| Model | Power Req. | Number of Relays | Relay Contacts | Contact Rating | Contact Material | Dimensions L x W x H | Weight (w / Power Supply) |
|---|---|---|---|---|---|---|---|
| **ZPM-6** | 117 VAC 60 Hz, 18W | 6 | DPDT | 5 Amps, 120 VAC ( up to 300W @ 70V ) | Silver Cadmium Oxide | 6.25" x 5" x 1.719" | 1.75 lbs. |




***Lowell Manufacturing Company*** • 100 Integram Drive • Pacific, Missouri 63069 U.S.A.
**Call** 800.325.9660, 636.257.3400 • **Fax** 636.257.6606 • **Click** www.lowellmfg.com

# Model ZPM-6 Zone Paging Module Installation Instructions




## Typical Single Unit Hook-Up

**For Output Switching:**

The "normal" and "switched" inputs should be connected to the speaker outputs of two separate amplifiers, one of which provides the normal program or background music, while the other amplifier provides the paging. The ZPM-6 outputs (one through six) are connected to the outgoing speaker feed lines.

**For Input Switching:**

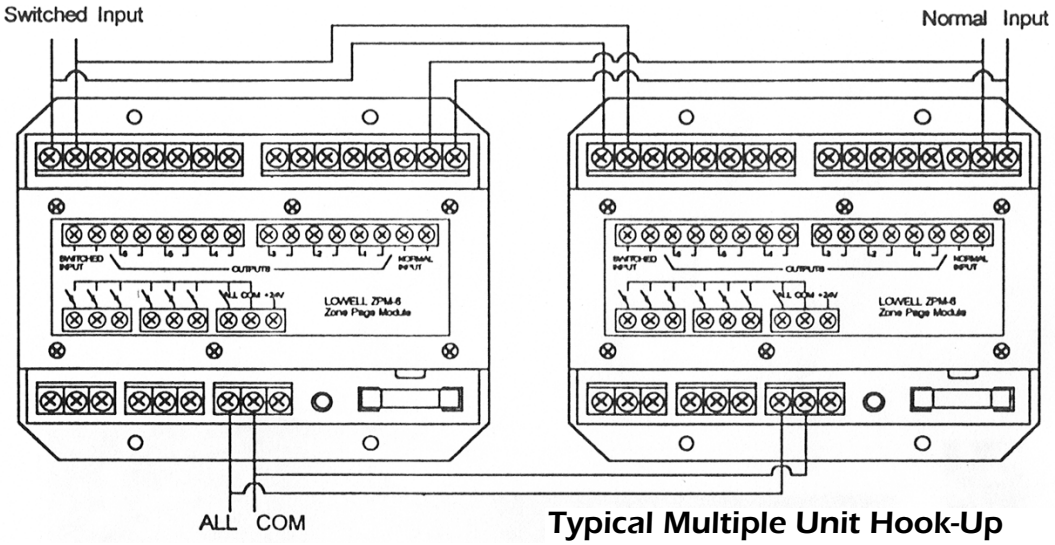
The "normal" input should be connected to the program source output (tuner, CD player, etc.) and the "switched" input should be connected to the paging source output (mic mixer output, phone system paging output, etc. ). The ZPM-6 outputs ( one through six ) are then connected to amplifier inputs which in turn feed the appropriate speaker zones.

*When using this scheme be sure to maintain proper signal levels and observe good shielding practices to avoid hum and noise problems.*

**Control Switches:**

Providing a contact closure between the "COM" terminal and any one of the numbered terminals activates the internal relay for that particular zone and switches that output line from the "normal" source (background music, etc.) to the "switched" source (typically paging). All other outputs

remain connected to the "normal" source. Hence, paging into any one zone has no effect on the others. Providing a connection between the "COM" and "ALL" terminals activates all the relays at once thereby allowing paging into all zones simultaneously.




## Typical Multiple Unit Hook-Up

If More Than Six Zones Are Required, two or more ZPM-6's can be utilized together by parallel connecting the "NORMAL INPUT" terminals, the

"SWITCHED INPUT" terminals, the "ALL" terminal, and the "COM" terminal. See diagram above.