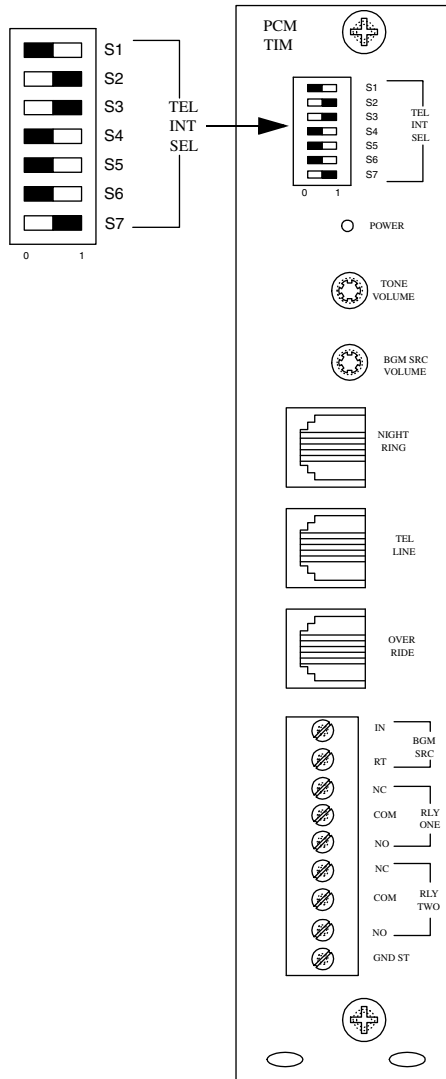


# Connecting a CyberData SIP Paging Server to a Bogen PCM2000 Zone Paging System

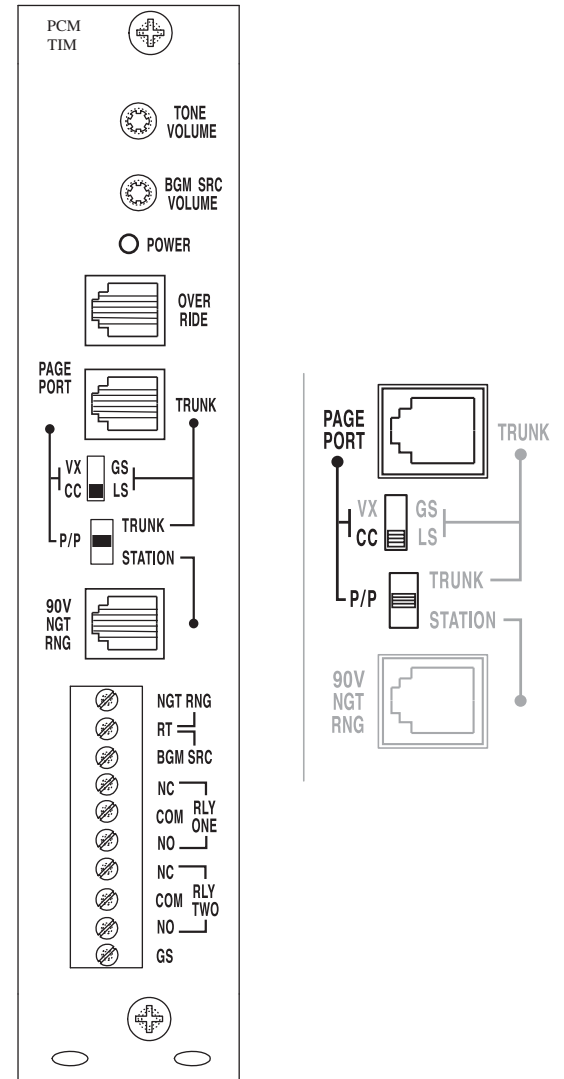


# Which version of the Bogen PCMTIM do I have?

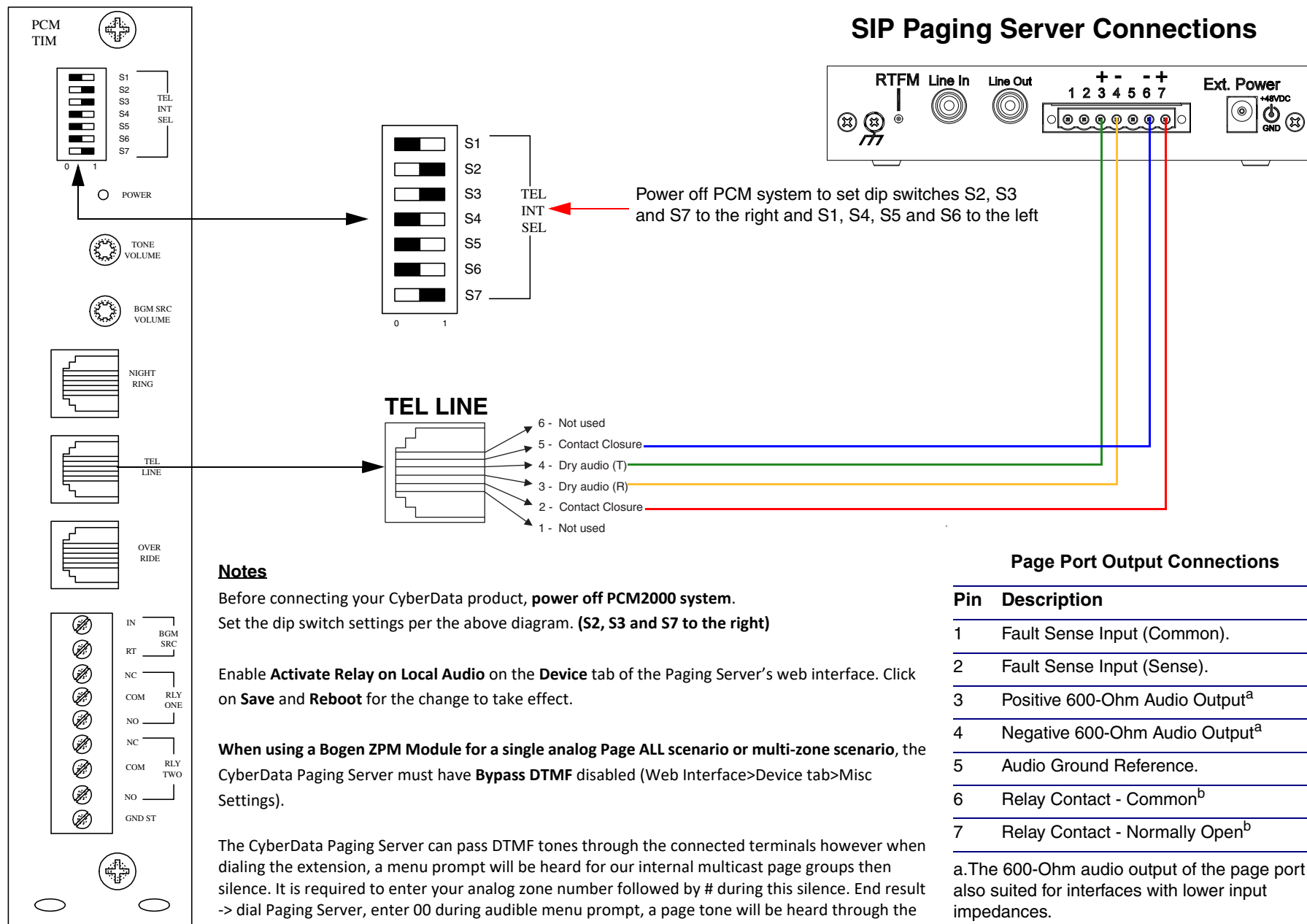
## Old PCMTIM (Use pages 3 and 4)



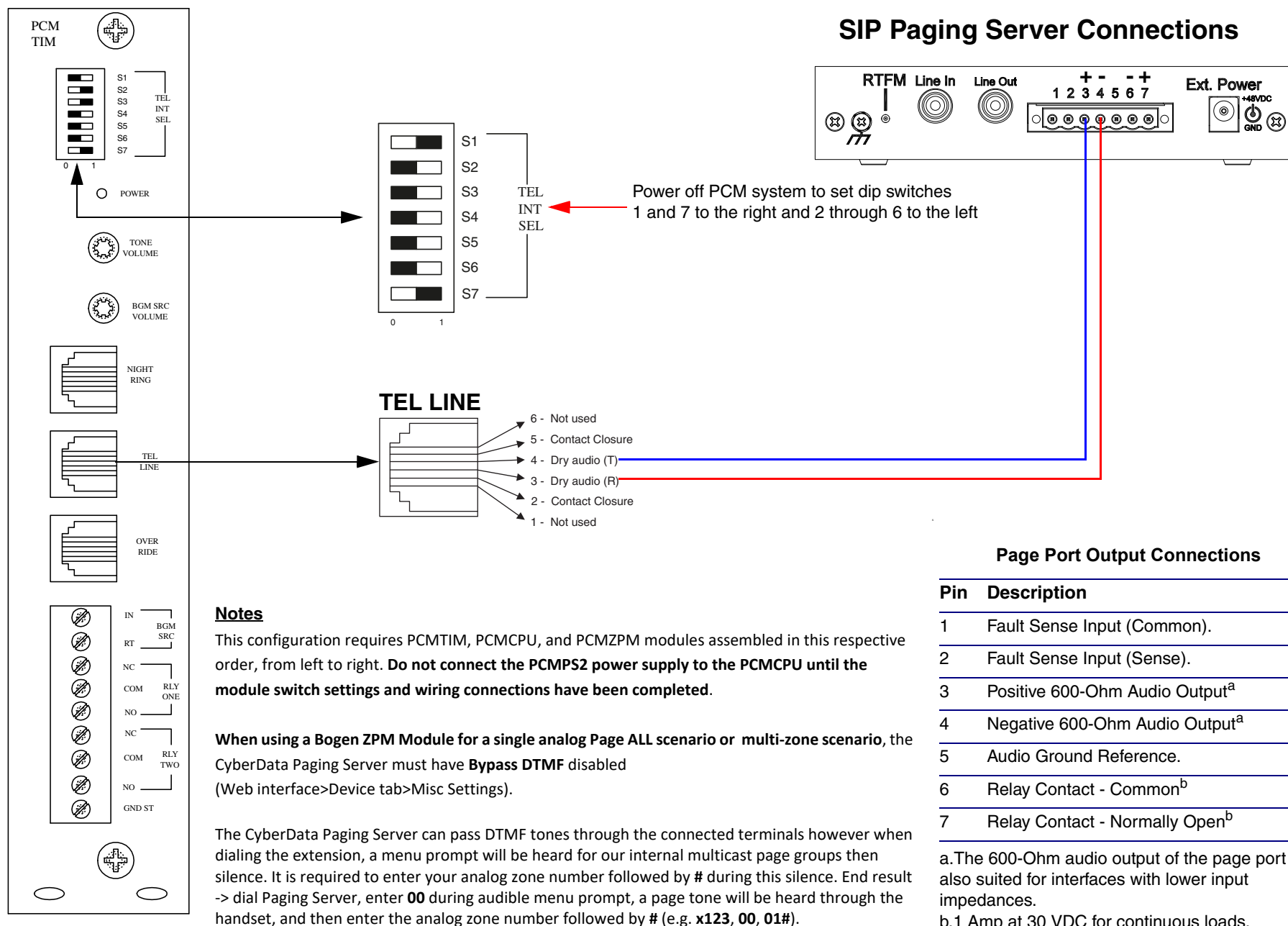
## New PCMTIM (Use pages 5 and 6)



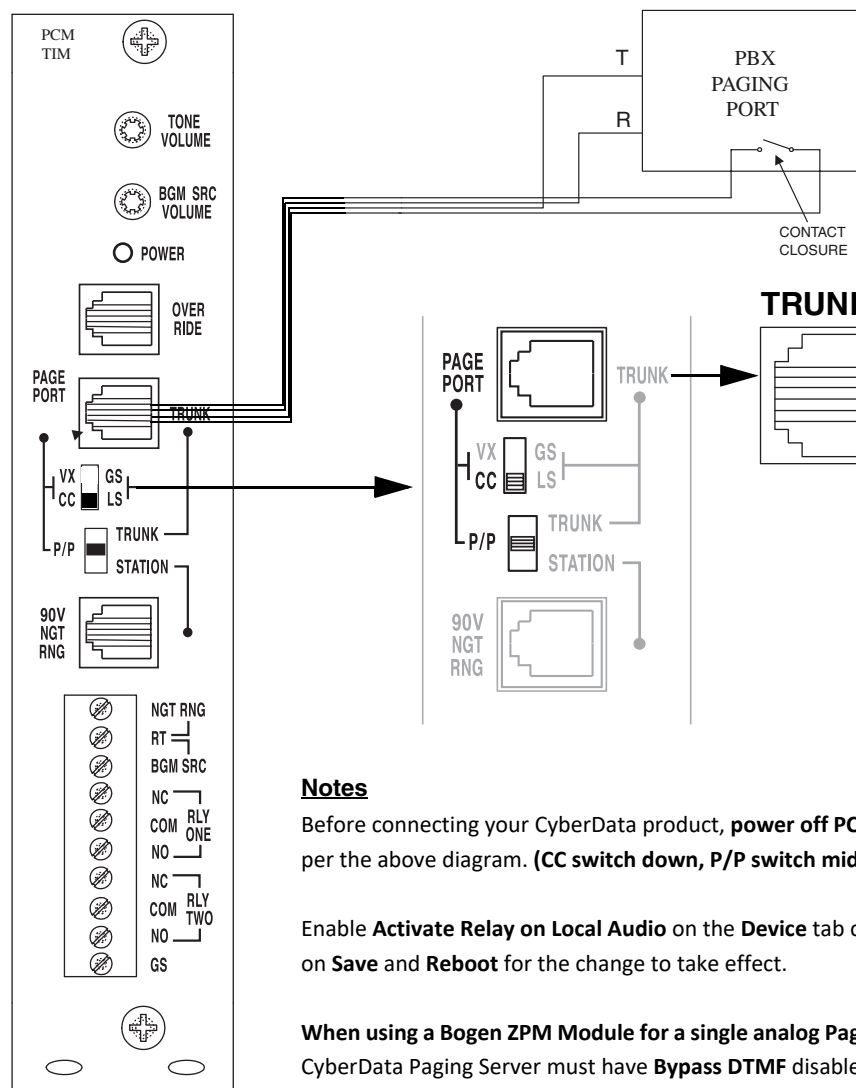
## Bogen PCM2000 Application Configuration



## Bogen PCM2000 Application Configuration



## Bogen PCM2000 Application Configuration



### Notes

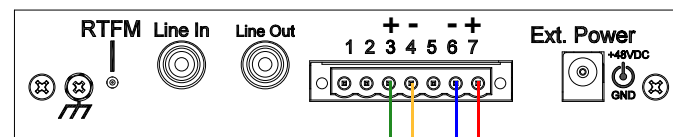
Before connecting your CyberData product, **power off PCM2000 system**. Set the dip switch settings per the above diagram. (**CC switch down, P/P switch middle**)

Enable **Activate Relay on Local Audio** on the **Device** tab of the Paging Server's web interface. Click on **Save** and **Reboot** for the change to take effect.

**When using a Bogen ZPM Module for a single analog Page ALL scenario or multi-zone scenario**, the CyberData Paging Server must have **Bypass DTMF** disabled (Web Interface>Device tab>Misc Settings).

The CyberData Paging Server can pass DTMF tones through the connected terminals however when dialing the extension, a menu prompt will be heard for our internal multicast page groups then silence. It is required to enter your analog zone number followed by # during this silence. End result -> dial Paging Server, enter 00 during audible menu prompt, a page tone will be heard through the handset then enter analog zone number followed by #. (e.g. **x123, 00, 01#**)

## SIP Paging Server Connections



### Page Port Output Connections

Pin	Description
1	Fault Sense Input (Common).
2	Fault Sense Input (Sense).
3	Positive 600-Ohm Audio Output <sup>a</sup>
4	Negative 600-Ohm Audio Output <sup>a</sup>
5	Audio Ground Reference.
6	Relay Contact - Common <sup>b</sup>
7	Relay Contact - Normally Open <sup>b</sup>

a. The 600-Ohm audio output of the page port is also suited for interfaces with lower input impedances.

b. 1 Amp at 30 VDC for continuous loads.

## SIP Paging Server Connections

