

Holon LM2/LM4 Analogue Line Supervising Modules

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LM4-F, Rev. 1.00



PRAF Microcomputer Technologies Ltd. is a company specialized on development, manufacturing and marketing of embedded electronic systems in the fields of telephony, security, automation and control.

Development a range of PBX peripherals like Automated Announcers and Attendants, Music-On-Hold modules, Door Phones, and others – is one of major directions of PRAFTEC.

Please be introduced with Holon LM2/LM4 – hanged up line assistant.



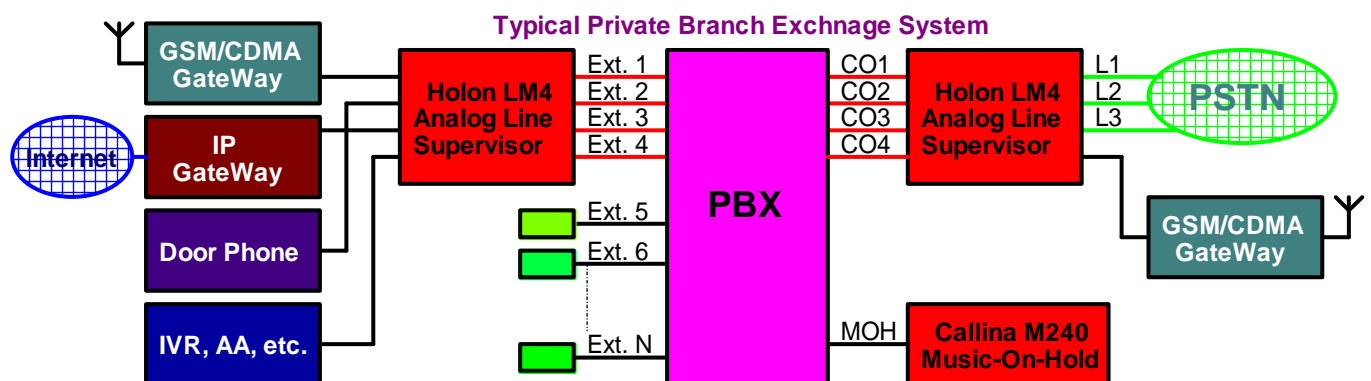
(a picture of LM2/4 to be placed here)

Holon LM2/LM4 Line Monitoring Module (LMM or Line Supervising Module) is intended for integration with PBX/KTS systems and their peripherals like Cellular and IP GateWays, Automated Attendants, Auto Dialers, and Voice Mail Systems those cannot detect properly presence of specific Call Progress Tones (CPT, like BUSY, REORDER, etc.) on analogue CO/Ext lines.

The module is capable to monitor analogue CO/Ext lines for Call Progress Tones, to analyze them by special algorithms comparing with pre-set CPT parameters, and to release hanged up line(s) if detected any.

Using of the module allows to

- prevent CO/Ext lines blocking
- make accurate logs and tariffs of call traffics on PBX systems
- reduce ineffective calls receiving



Holon LM2/LM4 features:

- 2/4 analogue telephone lines monitoring
- 315-640Hz Call Progress Tones (CPT) range detection
- Reversal Polarity and Drop Out Pulse disconnection methods
- Configurable BUSY/REORDER CPT time intervals
- Configurable Drop Out Pulse duration (0.5-1.5/X.0S)
- Configurable session max time limit (15min/30min/unlimited)
- State of each line visual indication by LEDs
- Low serial resistance to line, line parameters independent
- Electrically isolated line interface with lightning protection
- Proper line functioning even while power failures
- Powered by 230VAC/9VDC adapter or by 48VDC battery of PBX

Don't Charge Your System with Busy Tones! Keep The Free Way for your Voice Traffics by Holon modules!