



APPLICATION **NOTE**

MPI-6 IT Requirements

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MPI-6 IT REQUIREMENTS

This document describes the IT requirements for Lencore's MPI-6 Music Paging Interface.

Lencore's MPI-6 Music Paging Interface acts as the head end interface to Lencore's Masking/Paging/Music system. It accepts inputs from multiple music sources as well as an analog paging line (RJ11 Style). The music sources are line level audio feeds (RCA Style) from typical AV equipment such as MP3 players, music streaming devices, and CD players. From a telephony perspective the telephone line must adhere to the following:

- The phone line needs to be configured as a POTS appearance line by your phone vendor.
- A typical specification for a POTS line is as follows:
 - A CO (central office) POTS line is a 2 wire analog appearance.
 - 1) It is a 2 wire (Tip and Ring) analog appearance.
 - 2) It is configured to be loop start.
 - 3) Battery voltage is 48 Volts.
 - 4) Loop current of 23 milli amps.
 - 5) Must have DTMF signaling capability.
 - 6) Must have hang-up (winking) supervision.
- Typically you need an FXS card (Foreign Exchange Station) or an ATA card (Analog Telephone Adapter) not an FXO (foreign exchange office) card.

