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iProMOH
Intelligent Music and Message Announcer

The Interalia iProMOH is an affordable and intelligent solution that solves all the typical problems associated with promotional on-hold and in-store music/message announcement systems.

Do You Have A Problem?

Are you exhausted trying to run your business and manage all the technology in it? Constantly wasting precious time updating on-hold and in-store messages when you could be doing something productive? Do you have to wait weeks until your technical staff can get around to updating announcements, and then they sound like an amateur recorded them? If you're nodding your head in agreement then you need to talk to us. The iProMOH will solve all these problems so you can sleep well at night.

We Have The Solution!

The new Interalia iProMOH is 2 solutions in one. It is a digital announcer that can **entertain and inform on-hold callers** and an **in-store public address system** for broadcasting music and/or messages to store patrons.

The iProMOH allows on-hold callers and store patrons to listen to pre-recorded messages, pre-recorded music, blended music and messages, or messages cross-faded with music from an external source such as a live satellite feed.

On-Hold Announcements:

The iProMOH can play messages and/or music to callers that are put on-hold. It also can entertain callers or provide information on new products, advertising campaigns and frequently asked questions.

In-Store Announcements:

The iProMOH turns an in-store public address system into a powerful marketing tool. It can play background music for store patrons, introduce products or services, promote in-store sales campaigns, reinforce company advertising and answer frequently asked questions.

How Does It Work?

The iProMOH is so intelligent it **even updates it's own music and messages by automatically calling out over an internet connection** to a "host" web server. Then it downloads new music and/or message files directly from the host into itself. Messages can be downloaded to the iProMOH weeks or months in advance then held until the appropriate date when they are automatically played out.

Content Administration Software:

iProMOH Content Administration Software (iCAS) can be **hosted on any Windows 2000 or XP workstation that is on your local LAN, or an external server elsewhere**. One host can easily update the same message(s) into one, or any number of iProMOH units at the same time.

What Makes The iProMOH Unique?

There are a few things that make the iProMOH so unique. First, the iProMOH uses pull technology to request downloads from the host. Second, a standard web protocol is used to send messages down to the iProMOH so firewalls are not an issue. Third, technical staff are not required on-site to install the messages. Fourth, a variety of different audio file formats are supported. Then last but not least, the iProMOH smoothly cross fades between music and messages.

- Uses pull technology to request downloads
- Uses a standard Web protocol to send messages so firewalls are not an issue
- Technical staff are not required on-site
- Variety of audio file formats are supported
- Smoothly cross fades between music and messages

iProMOH

Technical Specifications

iProMOH Models:
- IPM1-32 single channel iProMOH 32 Mb memory
- IPM1-128 single channel iProMOH 128 Mb memory
- IPM2-32 dual channel iProMOH 32 Mb memory
- IPM2-128 dual channel iProMOH 128 Mb memory

Audio Inputs:
- One input for cross fading with live music from a radio, satellite or CD feed which plays to one or both outputs

Audio Outputs:
- Single Channel iProMOH - one channel for output either 600 ohm (+5 dBm) or 8 ohm (1W, RMS)
- Dual Channel iProMOH - two channels for output first channel 600 ohm (+5 dBm) or 8 ohm (1W, RMS) and second channel 600 ohm only (+5 dBm)
- 48 VDC tolerant (no additional line protection hardware required)

Single Channel iProMOH	Dual Channel iProMOH
Channel 1 - 600 ohm	Channel 1 - 600 ohm
Channel 1 - 8 ohm	Channel 1 - 8 ohm
Network Connection	Network Connection
Audio Input	Audio Input
	Channel 2 - 600 ohm

Recording Time:
See the chart below for approximate recording times at various audio qualities and FLASH memory sizes. Note: Telecom quality is 8 Khz 8 bit mono, Radio is 22 Khz 8 bit mono and CD quality is 44KHz 16 bit mono. Satellite or live audio feed does not require any memory space.

Audio Quality	32 Mb	128 Mb*
Telecom	30 min	120 min
FM Radio	15 min	60 min
CD	7 min	30 min
* Note: Larger sizes are available		

Play Options:
- The single and dual iProMOH have four play options:
  - Music only
  - Messages only
  - Blended Music and Messages (Blended within the iProMOH or at a studio)
  - Messages cross-faded with Music from an external radio, satellite or CD source

Audio Formats:
- Supports all MP3 file formats, WAV, PCM, Compressed WAV (aLAW, uLAW), WMA, RAW (PCM), G.721, G.723, G.726, and OGG
- The host server automatically converts all audio files to OGG format (a royalty-free audio file compression method used by the iProMOH)

Remote System Administration:
- Ethernet port for system administration

Internal Clock:
- Maintains time/date back-up for 1 week
- Automatically set via remote server
- Gives ability to play messages at specific time/dates

Network Connections:
- RJ45 Ethernet connector (10BaseT)

Power Source:
- 9 VDC wall plug power supply

Packaging:
- Plastic case to stand on a desk or mount on the wall

Frequency Response:
- Full audio bandwidth for 600 ohm and 8 ohm outputs
- 300 to 12,000 Hz depending on the file audio quality

System Reports:
- Reports for device status and message download completion

Audio Controls:
- Server can remotely control output volume, bass and treble
- Local "push button" volume control adjusts both channel 1 and 2 outputs in tandem
- Individual channel volume control done through remote option above (but 8 ohm and 600 ohm outputs on channel 1 share common gain control)
- Remote volume settings over-ride local settings

Audio File Downloads:
- Pressing the up/down keys together for 3 seconds will connect back to the host server and initiate an immediate download
- Automatic downloads are done at programmed intervals by the iProMOH without user intervention
- Downloads do not interfere with existing message playback

Music/Messages and Downloads:
- Shipped with 2 minutes of royalty-free music
- Up to 99 music and/or message productions can be blended (to a maximum of the total recording time per system)
- FLASH memory retains messages if power fails, then automatically requests message updates from the host when the power returns
- Messages can be downloaded to one or more iProMOHs days,weeks or even months in advance, then held until the appropriate date/time before automatically playing out
- Music/message productions can have individual start and end date/times

Content Administration Software (iCAS):
- ICAS is hosted on the web application server (local or remote)
- Administrator logs in using a typical browser interface
- Host can be a Windows 2000 or XP workstation
- Passwords for log-in security

Recommended PC System Requirements for iCAS:
- P3 PC (or better) running Microsoft Windows 2000 or XP
- A network connection with fixed IP address
- 256 MB of RAM memory
- 2 GB of free hard disk space
- iCAS requires a small amount of system resources so the PC can be used to run other programs

Browsers Supported By iCAS:
- Most current browsers including: Internet Explorer 5 or 6, Netscape 7, Mozilla or Opera 7

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