General Description:

The NET7000 unit stores and continuously plays a digitized audio production for message on hold applications. The unit receives (pulls) audio and configuration updates over the internet or intranet from a Content Management System. Connection to a local area network is made by a standard Ethernet interface on the unit.

Features:

- **Audio** – The NET7000 stores audio in standard mp3 formats. Mp3 bit rates of 32, 48, and 64 kbps are available. Depending on the bit rate used, the total memory of the unit can vary from approximately 7-14 minutes of storage.

- **Set-up** – The device IP address is entered into the web browser and a graphical user interface is presented to the user for device configuration and audio adjustment.

- **Volume/Tone Control** – An 8 ohm and a 600 ohm output are available from the amplifier. Volume and tone control changes are made by using a standard web browser operated from a computer on the local area network. All of these adjustments are made in real time on the machine.

- **Communication** – The NET7000 periodically communicates to a Content Management System (CMS). Generally, this is done at defined intervals of time (typically every 1-12 hours). First the NET7000 unit identifies itself to the CMS by a serial number. After identification the CMS will determine if there is a new audio file to download and pulls this file from the CMS. Output from the NET7000 will not be interrupted during these checks for new content. For organizations who want to manage their on-hold production delivery, there is an option to update the audio productions within their own LAN/WAN. Simply enter the IP address for each NET 7000 unit on LAN web browser. The generated configuration page gives the option to manually update a new message.

- **E-mail notification** – The Content Management System can be set up to automatically notify your customer when their audio production has been changed. Other automatic notifications are also available to you the dealer and your customer.

- **Detailed Network Communication Information** – All communication between the device and the Content Management System is via http protocol and is over port 80. This is the standard web site communication protocol. Therefore security is not a concern with IT professionals because all communication with the CMS and the NET7000 goes through their network firewall.

NET7000
Network Message On Hold

Content Management System (CMS):

Access to this website is secured by user name and password. Serial numbers of units are entered by Premier into the web site as units are shipped. The dealer creates groups and assigns individual units to each group. Audio mp3 files can be uploaded by the dealer to the web site library. Each group is assigned one or more mp3 audio files. Dealers can schedule uploading of audio files to units in the field at different times and dates in the future.

Installation:

Connect the unit to an Ethernet connection on the local area network. Connect the included ear bud to the 600 ohm output. Plug in the AC power adapter to power up the unit.

If the network operates a DHCP service, the unit will automatically receive a device, gateway and DNS IP address. If there is not a DHCP service on the network, then the unit will sniff the traffic for local IP addresses in use, and assign an unused temporary IP address. The unit will now audibly announce the temporary IP address over the speaker or ear bud. The installer should write down this address.

Next the installer should go to any computer on the local area network. The installer uses a standard web browser and types in the temporary IP address for the device. The web browser will display a web page generated by the NET7000 player. This local web page allows the installer to enter permanent data as required. The information can include the permanent device IP address, gateway IP address, content management server name, and DNS server ip address.

The installer connects an audio cable from the NET7000 RCA connector to the music on-hold port on the telephone system. On-hold audio volume is adjusted by pressing the up/down volume buttons on the LAN web page or on the NET 7000. Installation is complete.

Reporting:

The CMS generates reports that can show:
- non-responding units in the field
- time/date of last connection
- time/date of last audio change
- time/date of last firmware change

Technical Specifications

Audio Format:	The NET7000 will play all mp3 formats. These include all MPEG 1/2, layer 2 and layer 3 formats, including the MPEG 2.5 low bit rates. (mp3 pro is not supported.)
Playing Times for various mp3 bit-rates:	32kbps = (14 mins, 30 secs) (good telephone quality) 48kbps = (9 mins, 40 secs) (much better than telephone quality) 64kbps = (7 mins, 15 secs) (near CD quality)
Flash Memory:	Nonvolatile, unaffected by power interruptions of any duration.
Network Interface:	RJ45 Cat 5 Ethernet connector, 6ft. Cat 5 patch cord (included)
Audio Output:	8 ohm and 600 ohm RCA connectors, ear bud cable with RCA termination (included)
Power Source:	12Vdc, 500mA adapter (included)

Warranty

Upon receipt, the manufacturer will repair or replace, at its option, for a period of three years from the date of purchase, any system that proves defective in materials or workmanship. The manufacturer is not liable for indirect, incidental, or consequential damages in connection with the use of this product. This limited warranty does not include labor for installation or removal of the unit.

Authorized Dealer