

Installation and Operating Instructions

Premier Technologies

NET 7000



Important

Before using the Premier Information On Hold unit, please read these operating instructions carefully.

Overview:

The NET 70000 player is a device that stores and continuously plays mp3 audio files. The device receives audio and configurations updated over the internet or intranet. Connection to a Local Area Network is made by a standard Ethernet interface on the unit.

Dealer Service

A network of authorized Premier Technologies, dealers can provide service backed by Premier's technical staff. For the name of your local dealer or for technical assistance from Premier Technologies, contact:

Device Description:

The Net 7000 player stores audio in any of the standard mp3 audio formats. Playing time is 7 to 14 minutes, depending on the mp3 encoding scheme that is used. The NET 7000 continuously plays the near CD quality audio to a pair of RCA jacks. An 8 ohm and 6000 ohm output are available from the amplifier for standard hook-up to the telephone system's music on hold port.

Mp3 Overview:

NET 7000 can play all mp3 formats as defined by MPEG 1 and 2, layer2 and layer 3 and it can play the low bit rates as defined in MPEG2.5. Most of these formats are fixed data rate, meaning that the number of bits or bytes per second will change over time.

In general, when encoding the audio (creating the mp3), specify a "mono" output file. Choose a bit rate and sample rate for the final mp3 file. Specify and control the source file that gets converted into the final mp3 format.

Audio Play Time and Bit Rate:

The NET 7000 has 3.5 MB (megabytes) or 28 Mbits of flash memory available for audio storage. Listed below are several bit rates versus maximum play time:



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Bit Rate	Max play time	Sound Quality
64 kbps	7 minutes, 15 seconds	Near CD
48 kbps	9 mins, 40 seconds	Much better than telephone
32 kbps	14 mins, 30 seconds	Good telephone

**** CAUTION: The NET 7000 does not accept an audio file larger than 3.5 MB

Installation

1. Connect the unit to an Ethernet connection on the local area network.
2. Connect the included ear bud (head phone) to one of the RCA audio connectors.
3. Plug in the AC power adapter to power up the unit.
4. If the network operates a DHCP service, the unit will automatically receive a device IP address, along with the gateway and DNS server addresses. If there is no DHCP service on the network, the unit will sniff the traffic for local IP addresses in use, and will choose an unused temporary IP address. The NET 7000 will then audibly announce the assigned or temporary IP address over the ear bud. The installer should write down this address to accessing the unit's configuration page.
5. The installer can now communicate with the unit from a computer on the Local Area Network. The installer uses a standard web browser and types in the assigned or temporary IP address for the device. The installer will now see a web page generated by the NET 7000 player. The Controls page (figure 1.1) displays setting for volume and tone control. The Configuration page (figure 1.2) allows control of device IP address, gateway IP address, content management server name, and DNS server IP address.
6. The installer connects the audio cable from the NET 7000 RCA connector to the music on-hold port on the telephone system. The installer can adjust the on-hold audio volume by pressing the up/down volume buttons on the NET 7000, or by using the LAN/WAN web page volume control (figure 1.1).

Content Management System (CMS)

The NET 7000 Content Management System is a web-based audio distribution application provided as a service by Premier Technologies. Access to the CMS is secured by a user name and password. At the time of shipping, serial numbers of NET 7000 units are entered into the dealer's CMS account. The dealer creates customer groups and assigns individual units to each group. Audio mp3 files are uploaded to the site by the dealer and assigned to a group. Each audio file is assigned a date and time that it becomes available for download. The CMS manages the log-in communication of devices and the sending of updated audio or configuration information to the NET 7000 players in the field. The CMS generates reports for success and failure of audio updates, and identifies non-responding units.



FCC Information

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against interference when the equipment is operated in a commercial environment.

The user is cautioned that changes or modifications not expressly approved by Premier Technologies, Inc. could void the user's authority to operate the equipment.

Warranty

Upon receipt, Premier Technologies, Inc. will repair or replace, as its option, for a period of three years from the date of purchase, any NET 7000 that proves defective in materials or workmanship. Premier Technologies, Inc. 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 a defective unit.**


Figure 1.1

NET 7000 - Unit Administration Interface

CONTROLS CONFIGURATION

Audio Message Controls

PLAY STOP

Decrease Volume  Increase Volume

Audio Settings

Mute Volume: OFF
 Lock Volume: OFF

Balance: Max Left 9 8 7 6 5 4 3 2 1 Middle 1 2 3 4 5 6 7 8 9 Max Right

Bass: 20 9 8 7 6 5 4 3 2 1 0 -1 -2 -3 -4 -5 -6 -7 -8 -9 -20

Treble: 20 9 8 7 6 5 4 3 2 1 0 -1 -2 -3 -4 -5 -6 -7 -8 -9 -20

Loudness: OFF

Loudness Level: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

SAVE SETTINGS

Content Controls

CHECK FOR NEW MESSAGE Unit will check to see if a new Message exists. Message will only be downloaded if it is New.

DOWNLOAD MESSAGE Unit will download the message currently scheduled for this unit. If a message already exists on unit it will be replaced. The downloaded message will not necessarily be new.

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Figure 1.2

NET 7000 - Unit Administration Interface

Setup: 1.1 Firmware: 5.33

CONTROLS CONFIGURATION

Network Settings

IP Address: 0 - 0 - 0 - 0 (0.0.0.0 for DHCP)

Gateway IP Address: 0 - 0 - 0 - 0

Netmask: 255 - 255 - 255 - 0

DNS 1 IP Address: 0 - 0 - 0 - 0

DNS 2 IP Address: 0 - 0 - 0 - 0

Use Static IP: Yes No

Proxy Settings

Server Address: _____

Authentication Level: None Basic Digest (MD5) SOCKS V5 SOCKS V4

Username: _____

Password: _____

Server Settings

Phone Home Path: device.premtech.com

Update Key: _____

Password Settings

Password Configuration (incl. Telnet): _____ Password not set

Password Level 1 (Store Config): _____ Password not set

Password Level 2 (Configuration): _____ Password not set

Password Level 3 (Command): _____ Password not set

Password Level 4: _____ Password not set

Password Level 5: _____ Password not set

Password Level 6: _____ Password not set

SAVE SETTINGS

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