

The PRISTINE VOICETRAXX™ Recorder

Reference and Installation Guide

The screenshot displays the PRISTINE VOICETRAXX Recorder interface. At the top, it shows the title "Playlist for Friday, April 17" and the time "Time: 11:00:09 - HD17298". The main area is a playlist with 16 tracks, including "Weekend Jingle", "More Than A Feeling", "Sweet Home Alabama", "Legs", "Panama", and "Pubic Service Message". A digital display shows "00:00". A green box contains file information: "File: SP17298.SPC", "Sample Rate: 48000", "Format: ADPCM1", and "Channels: STEREO". A red bar is visible below the file information. A control panel at the bottom right lists functions: Record (F5), Play (F6), AutoRec (Ctrl+F5), Next Hour (TAB), Prev Hour (SH-TAB), Next/Prev UT (+, -), and Mono/Stereo (F9). A dB scale at the bottom left shows levels from -20 to +3 OVER.

Track	Artist	Duration
01	Weekend Jingle	00
02	***voice Track #17298 U.T. #17298	00
03	More Than A Feeling Boston	10
04	Sweet Home Alabama Lynyrd Skynyrd	20
05	***voice Track #17284 U.T. #17284	00
06	Legs ZZ Top	26
07	Pristine Promo 1 Pristine 1	01
08	Safeway Commercial #1 Safeway 1	00
09	Wendy's SPOT	00
10	***voice Track #17496 U.T. #17496	00
11	Panama Van Halen	43
12	Refugee Petty &, Tom	18
13	Walk Of Life Dire Straits	57
14	Pristine Promo 3 Pristine 3	01
15	Men in Black Movie SPOT	00
16	Pubic Service Message PSA	00

dB -20 -10 -5 -3 -1 0 +3 OVER
L
R

<F5> Record
<F6> Play
<Ctrl+F5> AutoRec
<TAB> Next Hour
<SH-TAB> Prev Hour
<+>, <-> Next/Prev UT
<F9> Mono/Stereo

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1.1 Installing the Software on your computer

First, decide in which directory you want to install The Pristine VoiceTraxx™ Recorder. You can use any directory, however, we recommend that you use the \VT directory. It can also be useful to install Pristine VoiceTraxx a directory which is included in your PATH statement, so you can access The Pristine VoiceTraxx Recorder from any directory on your system (like \MUSICMGR).

Copy all files from the disk onto your hard disk, by typing:: A:VT-SETUP

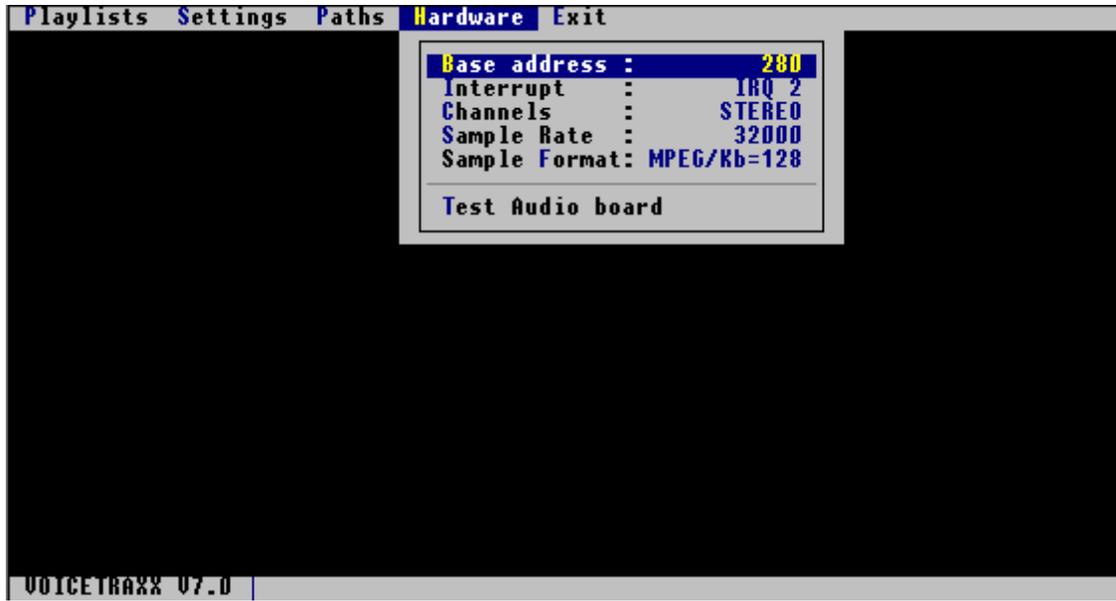
Create a batch file for loading the Antex driver. You can do this by using the standard MS-DOS editor EDIT.

Example "PSI-VT.BAT":

```
@ECHO OFF
CLS
CD \VT
C:\AUDIODRV\SX25 /U
C:\AUDIODRV\SX25 /B32      (Load the Antex driver)
VT.EXE                    (Start the VoiceTraxx program)
C:\AUDIODRV\SX25 /U      (Unload the driver)
CLS
```

1.2 Setting up the Antex Audio Board

Install the Antex audio board into one of your computer's available 16 bit ISA slots. The newer Antex SX series audio boards are equipped with software configurable base address and interrupt settings. For these boards, you do not have to set any jumpers on the board itself, the software does this for you. On all other boards, jumpers must be set on the board. Please consult the user manual that came with the board to do this.



Access the Hardware Settings menu from the main menu of The Pristine VoiceTraxx™ Recorder by pressing the "ENTER" key. Use the arrow keys to move up/down and select the item with ENTER.

Important note: Not all of the settings provided in the Hardware settings menu of the Pristine Voice Traxx™ Recorder are available on each audio board. Before changing these settings, you must consult the specifications of your audio board.

Important note: If you are using the software configurable SX-23 or SX-35 make sure that the base address and interrupt settings are the same as in other programs like the Pristine Audio Commander.

1.3.1 Base Address

Select the audio board base address you want to use (180 or 280).

1.3.2 Interrupt Number

Select the audio board interrupt number you want to use (2 - 5).

1.3.3 Channels

Select the number of channels you want to use (Mono or Stereo). Mono is one channel, Stereo is two channels.

1.3.4 Sample Rate

Set the sample rate you want to use (usually 32000, 44100, or 48000). This sample rate is used for creating new audio files.

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1.3.5 Sample Format

Set the sample format you want to use (usually DOLBY or MPEG). This sample format is used for creating new audio files.

1.3.6 Test Audio Board

This routine is used to reset and test your audio board.

1.4 Configuration Settings

1.4.1 Path for .MM Files

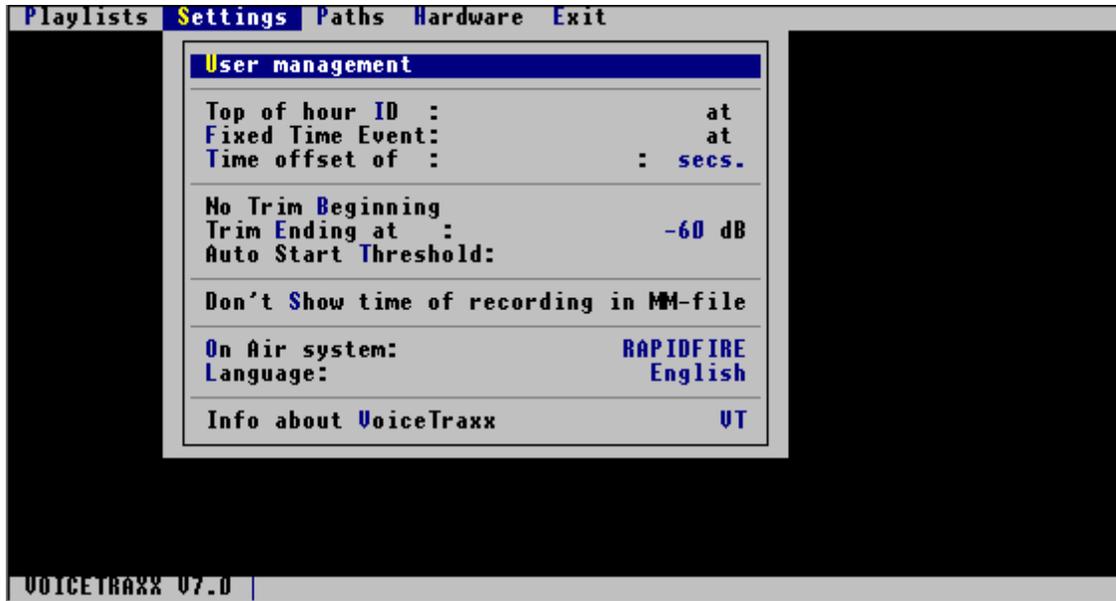


The Path for .MM files tells the Pristine VoiceTraxx Recorder where it can find the Pristine MusicPlus™ playlist files. The default path is C:\MUSICMGR\. The path must be entered ending with a backslash. Also, the path may be defined as your On-Air network server, i.e., your Pristine playback machine (i.e. O:\MUSICMGR\ or O:\RAPID\PLAYLIST).

1.4.2 Path for .SPC Files

The Path for .SPC files tells Pristine VoiceTraxx™ where it should store the hard disk audio files. The default path is C:\MUSICMGR\. The path must be entered ending with a backslash. Also, the path may be defined as your On-Air network server, i.e., your Pristine RapidFire playback machine, for recording directly onto the On-Air network server (i.e. O:\MUSICMGR\). Please refer to chapter 3.0).

1.4.3 User Management



Access the Configuration Settings menu from the main menu of The Pristine VoiceTraxx™ Recorder by pressing down on the ENTER key. Use the arrow keys to move up/down and select the item with ENTER.

1.4.3.1 User ID



This section is where Jocks are added to VoiceTraxx™ and given access levels.

Enter the User ID you want to create. Separate User IDs may be set up for each person using Voice Traxx™, or just a few User IDs may be created (one supervisor and one for recording).

1.4.3.2 Password - Enter a password for this User ID.

1.4.3.3 Title MM-PLUS

The Title field is used for identifying which playlist items may be recorded by this User ID. First, the recorder checks if the file is an audio file. Then, it checks if the Title String is equal to the left part of the "Description" of the playlist item.

For instance: if Title String was set to "*** J", then only hard disk audio items beginning with "*** J" may be recorded by this User ID.

1.4.3.4 Supervisor Rights

Enter a "Y" if you want to give this user Supervisor Rights. Supervisor status will allow this User to change any and all Hardware and Configuration settings. An entry of "N" will only allow this User ID to record VoiceTraxx™, and not have access to any other parts of the software.

1.4.4 Top of Hour ID



In the playlist recorder, an indicated time is displayed on the top right of the screen. This time has no technical meaning: it is simply for the announcer if he wants to tell the time. This time is the time calculated if the playlist was started at the exact top of the hour. If you are not using time triggered "Auto Break" commands, then it is possible that this time may be a couple of minutes off. The number of seconds you can enter under Time Indication Offset is subtracted from the time displayed at the top right of the playlist recorder screen.

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1.4.7 Trim Beginning

Select Trim Beginning if you want Pristine VoiceTraxx™ to automatically trim any beginning silence off an audio file after recording it. With Trim Begin you can set the audio threshold level for the trim begin function. If the audio level at the beginning of the file is under this level, it is removed from the file. The level set is by dB level. The default is 48dB.

1.4.8 Trim Ending

Select Trim Ending if you want Pristine VoiceTraxx™ to automatically trim the ending silence off an audio file after recording it. With Trim End you can set the audio threshold level for the trim end function. If the audio level at the tail end of the file is under this level, it is removed from the file. The level set is by dB level. The default is 48dB.

1.4.9 Auto Start Threshold

With the Auto Start Threshold, you can set the audio threshold level for the Auto Start function. When in the auto record mode, if the audio level is higher than this setting, the playlist recorder will automatically start recording. The auto level start is set in dB.

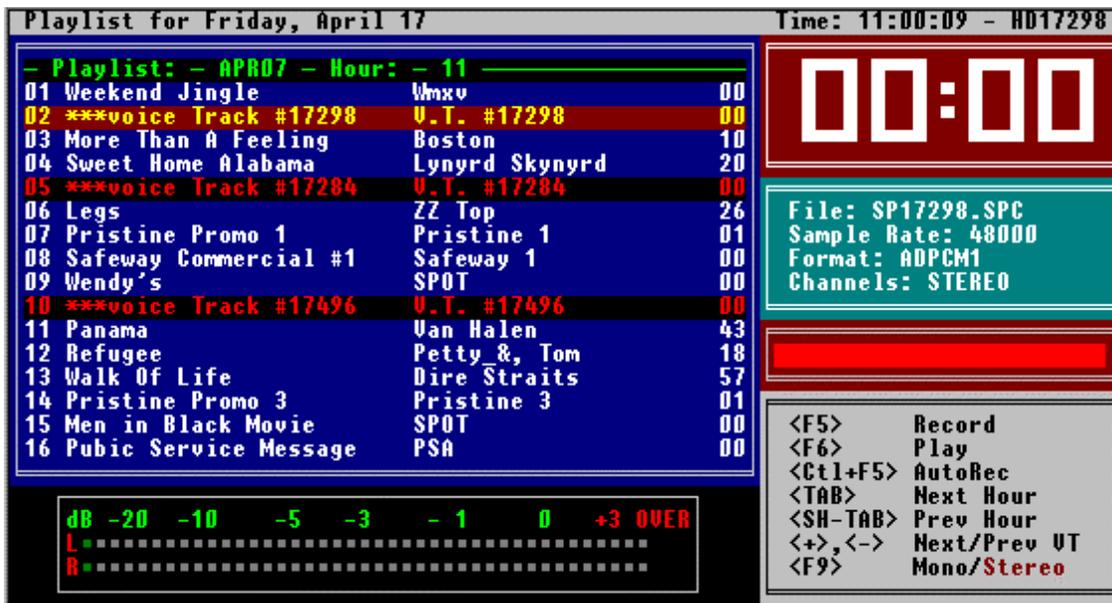
1.4.10 Including File ID's in the Play Lists

Depending on how you create your Pristine MusicPlus™ Playlist, there are several ways to include file ID's in your playlist. These file ID's are used to prevent the user from accidentally recording the wrong audio file, and for ease of navigating through the playlist. If you are using Music Plus to generate playlists, then add the voice track items in your music format or break format.



Enter the playlist recorder mode by selecting Playlist Recorder from the main menu of Pristine Voice Traxx™. Then, enter the date of the playlist as "MM/DD/YY". This playlist should be present in the directory specified in the settings menu as Path for .MM Files.

2.1 Screen Features



In the top left corner of the screen, the date of the playlist is displayed. In the top right corner of the screen, the current time is displayed. On the left of the screen, the current playlist is displayed. Hour markers are displayed as green on black. Playlist items as white on blue and hard disk audio items that may be recorded as red on black.

If the current item may be recorded, a status box is displayed on the right of the screen. Depending on the status, it will display the function keys, ' Press SPACE to Start recording', 'Recording, press SPACE to stop' or 'Playing, press SPACE to stop.

A time box is displayed at the right of the screen, displaying the time of the recording. The file box displays information on the currently selected audio file. Displayed are File Name, Sample Rate, Sample Format, and Number of Channels. At the bottom of the screen, a large VU meter is displayed for monitoring audio levels.

2.2 Navigating in the Playlist Recorder

When in the playlist recorder mode, the following navigation keys may be used:

- TAB = Move to the next hour
- SHIFT-TAB = Move to the previous hour
- + = Move to the next event
- = Move to the previous VoiceTraxx™ event

If currently a recordable VoiceTraxx™ audio file is selected, the following keys may be used:

- F5 = Record
- F6 = Play
- F7 = Auto record

3.0 Copying & Recording of Audio Files

3.1 Copying of Audio Files

Currently, the only audio boards that supports copying of audio files to the server during playback of audio by the server are the Antex Series 3 (SX-7, SX-9, SX-34, SX-35). We highly recommend the use of these audio boards, because of their stability, low system demands, and audio quality when using the DOLBY AC-2 and MPEG Layer II data compression formats.

The best way to copy audio files from production to the On-Air computer is by using the Pristine Transfer Plus™ program.

If you are not using a Antex Series 3 audio card, DO NOT transfer audio files during the on-air playback of hard disk audio.

3.2 Direct Recording on Network Server

We have successfully tested recording directly on the server, while the server was playing back audio, using the Antex Series 3 audio boards with both DOLBY and MPEG compressed audio. Results may vary with system performance.