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RADAR[®] 3.35 RELEASE NOTES

PRESS CANCEL TO RETURN TO RADARVIEW

Contact Support: (800) 776-1356

Release Date: December, 2004

Welcome to RADAR Version 3.35! Why not take a few moments to review these release notes to see what's new in Version 3.35. Use the up and down arrows on your keyboard to scroll through, or the cancel key to go to RADAR View.

RADAR PDF viewer navigation keystrokes

*() Bracketed numbers indicate track arm keys

Action	KC24	Session Controller
Start Viewer	H	HELP or H
Return to RADAR View	REDO (to highlight iZ Icon) + PLAY or mouse click iZ Icon	Cancel (1)
Select different PDF file (in Viewer)	None (select from Radar View)	HELP
Start Viewer (focus on find Control)	None	Shift + HELP
Change Focus (Bookmarks -> Text -> Bookmarks)	REDO or Shift REDO	MENU PREV
Change items in Bookmarks	Up or Down Arrow	Up or Down Arrow
Change Views (Bookmarks ->Page Num -> None)	Alt B Alt L Alt H	Track Arm Buttons (3) (4) (5)
Expand Bookmark	REDO + Right Arrow	ENTER
Collapse Bookmark	REDO + Left Arrow	ENTER
Zoom in viewer	Alt +	HORZ/VERT ZOOM IN (18)
Zoom out viewer	Alt -	HORZ/VERT ZOOM OUT (19)
Forward 10 pages	None	Fast Forward (8)
Back 10 pages	None	Rewind (7)
Scroll page forward	Down Arrow	Down Arrow
Scroll page backward	Up Arrow	Up Arrow
Next Page	MARK OUT	Play (10)
Previous Page	MARK IN	Stop (11)
Last Page	None	Shift + Fast Forward (9)
First Page	None	Shift + Rewind (6)
Back in page History	Alt Left Arrow	Track Arm (12)
Forward in Page History	Alt Right Arrow	Track Arm (13)
Fit to page width	Alt SHUTTLE	Track Arm (14)
Fit to page	Alt ENTER TIME	Track Arm (15)
Rotate document clockwise	None	Track Arm (16)
Rotate document counter clockwise	None	Track Arm (17)
Focus on Find Control	REDO	Qwerty Keys (20)
Focus on Goto Page Control	REDO	Numeric Keys (22)
Find – Search	Enter	Enter (21)
Find – Search Again	Alt F	Enter (21)
About Dialog	None	Track Arm (23)
Goto Page	Alt G	Enter
Dismiss dialogs or popup messages	PLAY (with focus)	Cancel



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Hardware Requirements for Version 3.35

(These are the same as the requirements for version 3.30)

Processor

Version 3.35 requires a **minimum 800 MHz processor**. You can determine your RADAR's processor speed by watching closely as it boots up. When the Energy Star logo appears in the top right corner of the screen, look for a line that says:

"INTEL[®] CELERON[™] CPU at 800MHZ".

This means you have an 800 MHz processor. If you see:

"Main Processor: Intel Celeron[™] 1 GHz (100x10.0)"

then you have a 1000 MHz processor which is more than adequate. If it says something like:

"INTEL[®] CELERON[™] CPU at 667MHZ"

then you have a slower processor, and need to upgrade before installing the 3.35 software.

Memory

Version 3.35 requires a **minimum of 384 MB of host memory (RAM)**. The amount of memory is displayed during boot up in the same area as the processor information. If you see:

"Memory Test: 393216 K OK",

then you have the required 384 MB of memory. You can also determine your RADAR's memory by going to the SYSTEM MENU, selecting SYSTEM VERSION, and then using the ↓ key to scroll down to the **INSTALLED RAM** menu. If you see a value less than 393216 Kbytes, you need to add memory before installing the 3.35 software. **Note that the maximum amount of memory that may be installed in RADAR is 896 MB.**

System Drive Ribbon Cable

If you will be burning CD-R or DVD-R disks using a multi drive (like the Panasonic SW-9573), an 80-wire ribbon cable is required for both the IDE system drive and the DVD multi drive. If your RADAR was built prior to February 25, 2003, you may need to upgrade your cabling before burning disks.



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Requirements for the Adrenaline[®]Plus Card

Memory

The Adrenaline[®]Plus card requires a **minimum of 768 MB of host memory (RAM)**. **Note that the maximum amount of memory that may be installed in RADAR is 896 MB.**

Audio Drive

If you have an Adrenaline[®]Plus card installed and plan to use the **24 TRACKS AT 192 KHz** mode, you must use an iZ approved audio drive that is capable of handling the high throughput of audio data.

High Sample Rate Projects

Audio recorded at sample rates above 48 KHz is handled differently by the Adrenaline[®]Plus card. To convert existing high sample rate projects to this mode, export them (before installing the Adrenaline[®]Plus card) to a temporary folder on the system drive (or to any drive of your choice). Then, after installing the card, import the projects to an iZ approved high performance audio drive.

Installing the Version 3.35 software on your RADAR:

Note: Before you begin the upgrade, make sure you have a **backup of current sessions**. This is a standard precaution. If you are installing an Adrenaline[®]Plus card with the software upgrade and you have projects at sample rates above 48 KHz, you will need to **export** these projects so that they can be converted to the Adrenaline[®]Plus mode after installation. You may also need to upgrade your memory and/or audio drive (see above).

If you are installing the downloadable version of the 3.35 software from the www.izcorp.com web site, you can only install the software if you currently have **Version 3.30 or later** installed.

If you are installing the full version of the 3.35 software, you can install if you currently have **Version 3.20 or later** installed.

You do not have to select "UPGRADE SYSTEM" before installing the new software. You can also mount drives from old versions of RADAR and they will automatically be upgraded to 3.35. This will work for any RADAR drive, and also with drives from RADAR II Version 2.20 or later. If a drive



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is to be loaded from a RADAR II unit running older software you must first choose "UPGRADE SYSTEM" from the SYSTEM menu on the RADAR II to prepare the drive.

If you decide to revert to a previous version of software, after installing version 3.35, you must uninstall the new networking environment by selecting the "**DOWNGRADE SYSTEM**" option in the SYSTEM MENU.

Audio drives will be compatible with older versions of RADAR provided that they have been initialized in the "AUDIO:!RADAR!" format. If you have an audio drive that you want to load into a RADAR running pre-3.30 software, you must "**MAKE PORTABLE**" when unmounting it.

RADAR install software can now be transferred via CD, floppy, FTP over a network or FTP from a PC or Mac computer using an Ethernet cross-over cable. Check the requirements below to see which method is best for you.

Install from CD

You must have ALL the following requirements in place in order for this type of install to be successful:

CD Install Requirements

- **R24CDNET** software loader upgrade (if you have not installed it yet). See the install procedure below for details.
- CD or DVD Multi drive (e.g. Panasonic SW-9573) installed in your RADAR.
- RADAR Software Install CD. If you obtained the actual CD from iZ Technology or your local dealer, proceed to the CD Install Procedure. If you downloaded the CD image from www.izcorp.com see below for how to make the CD using your PC or Mac computer:

Equipment Needed to Make a RADAR Software Install CD

- PC or Mac computer with CD burner installed.
- CD burning software (do not use the native OSX burning).
- Blank CD-R.
- Zipped CD image file "RADAR24_v3.35_cd.img.zip".
- Software to extract the image from the zip file (e.g. WinZip or StuffIt Expander).



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Procedure to Make a RADAR Software Install CD

1. Unzip (expand) the downloaded R24335_cd.img
2. Burn R24335_cd.img as a "DISK IMAGE"

If your burning software does not recognize the .img file as a disk image file, rename it to R24335_cd.iso and then burn that as a "DISK IMAGE".

If your burning software does not allow you to burn a disk image, use WinImage to extract the five files listed below and burn them to the CD as a data disk (ISO9660 format).

chunkaa
disk_id
GetAppVersion.zip
install.zip
installscriptupdater

3. Confirm that the CD contains the five files listed above

CD Install Procedure

1. If you have previously installed the R24CDNET software loader upgrade, load the Software Install CD in the drive, reboot RADAR, and proceed to step 2.
 - o To activate the CD install for the first time, insert the **R24CDNET floppy** and reboot RADAR. You only need to do this once (unless you later downgrade to version 3.26 or below). For future releases, you will not need to use the floppy drive at all
 - o When RADAR has finished loading the R24CDNET image, you will be prompted to remove the floppy disk, insert the Software Install CD and then press ENTER. The message: "Rebooting RADAR – please wait" will be displayed briefly and then RADAR will automatically reboot.
2. When RADAR has finished rebooting, the iZ logo will appear on the screen with the following message below it:

```
Install RADAR 24  
v3. 35? ENTR/CNCL
```

If you do not want to proceed with the upgrade, press the Cancel key. If you press the Enter key, RADAR will begin reading the software from the CD, and the message will change to:

```
Installing RADAR  
v3. 35 Di sk 1
```



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When RADAR is finished installing from the disk, it will start up in the new version and all projects will automatically be upgraded to version 3.35 format if necessary. This operation may take a few seconds per project.

3. Now, power off RADAR and reboot to complete the setup of new drivers.

Install from PC, Mac or Network via FTP

You must have ALL the following requirements in place for this type of install to be successful.

FTP Install Requirements

- **R24CDNET** software loader upgrade (if you have not installed it yet). See the install procedure below for details.
- FTP program running on your PC or Mac computer.
- Proper FTP-enabled network setup/configuration between your computer and Radar. Refer to the Radar manual for specific network setup instructions if necessary.
- Radar[®] Net Install software zip file "**RADAR24_v3.35.0_net.zip**" (obtained from a Radar[®] software shipping CD or via the download section of our website www.izcorp.com)

FTP Install Procedure

1. If you have previously installed the R24CDNET software loader upgrade, just power up RADAR and proceed to step 2.
 - To activate the FTP install for the first time, insert the **R24CDNET floppy** and reboot RADAR. You only need to do this once (unless you later downgrade to version 3.26 or below). For future releases, you will not need to use the floppy drive at all
 - When RADAR has finished loading the R24CDNET image, the following message will appear on the screen below the iZ logo:

Remove floppy
Insert CD, ENTER

Since you are not installing from a CD, you need only remove the floppy. Do not press ENTER! Leave RADAR in this state while you proceed to step 2.

2. From your PC or Mac computer, transfer the Net Install software zip file "**RADAR24_v3.35.0_net.zip**" via FTP to the "/boot/Install" directory on RADAR.



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NOTE: You may see InstallCurrent and InstallPrevious directories under the boot directory but you must transfer the software into the **Install** folder.

3. Once the transfer is complete, you need to restart RADAR to install the software.
 - o If you installed the R24CDNET floppy in step 1, and the RADAR screen still shows **“Remove floppy, Insert CD, ENTER”**, then just press ENTER, and RADAR will automatically restart and begin to install the software.
 - o If you just powered up RADAR in step 1, **ensure that you “SHUTDOWN RADAR”** (the last item in the main menu) and then reboot.
4. When RADAR has finished rebooting, the iZ logo will appear on the screen with the following message below it:

**I n s t a l l R A D A R 2 4
v 3 . 3 5 ? E N T R / C N C L**

If you do not want to proceed with the upgrade, press the Cancel key. If you press the Enter key, RADAR will begin transferring the software, and the message will change to:

**I n s t a l l i n g R A D A R
v 3 . 3 5 D i s k 1**

When RADAR is finished installing, it will start up in the new version and all projects will automatically be upgraded to version 3.35 format if necessary. This operation may take a few seconds per project.

5. Now, power off RADAR and reboot to complete the setup of new drivers.

Install from Floppy

1. To install the new software from floppy disks, **Insert v3.35 floppy disk #1** and reboot RADAR.
2. When RADAR has finished rebooting, the iZ logo will appear on the screen with the following message below it:

**I n s t a l l R A D A R 2 4
v 3 . 3 5 ? E N T R / C N C L**

If you do not want to proceed with the upgrade, press the Cancel key. If you press the Enter key, RADAR will begin reading the software from the floppy disk, and the message will change to:

I n s t a l l i n g R A D A R



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v3.35 Disk 1

When RADAR is finished installing from the disk, it will ask for Disk 2. Continue inserting disks as prompted until the installation is complete. RADAR will then start up in the new version and all projects will automatically be upgraded to version 3.35 format if necessary. This operation may take a few seconds per project.

3. Now, power off RADAR and reboot to complete the setup of new drivers.



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What's New in Version 3.35?

Recording in Broadcast Wave Format

RADAR now has the ability to record natively in Broadcast Wave format. When you initialize a recording drive in the INIT DISK menu, select the new "AUDIO:RADAR BWAV" option, and the drive will be compatible with any PC or Mac computer. Of course, this means it will not be compatible with RADAR units running older versions of software. You can still initialize a drive as "AUDIO:IRADAR!" to record in the traditional RADAR format.

Broadcast Wave File Flattening

File flattening is similar to the "Tape Mode" feature available in some recording packages. If you want to access your audio on your Mac or PC you must first use the FLATTEN PROJECT item in the FILE MENU. This will consolidate all of your punch ins into continuous files and put them into a user folder that is easily accessed from your computer.

Note: Projects that contain edits cannot be flattened, but you can still put them into a computer-readable format using export.

Import from / Export to the Audio Drive

The audio drive now has a USER folder that you can use for export and import. Flattened files are also found in the USER folder.

Record 24 tracks at 192 KHz (using the Adrenaline[®] Plus card)

By upgrading your RADAR hardware with the new Adrenaline[®] Plus card and a high-performance audio drive, you will be able to record all 24 tracks at sample rates up to and including 192 KHz. Seamless punching (real-time crossfades) can be done 12 tracks at a time at 192 KHz, or on all 24 tracks at 96KHz..

High Speed Jog (using the Adrenaline[®] Plus card)

If you have an Adrenaline[®] Plus card installed, you can go to the MAX JOG RATE item in the PREFERENCES MENU and select "PLAY" to limit the jog speed to normal play speed, or "MAXIMUM" to allow jogging at speeds up to 192 KHz.

Dual Disk Recording (using the Adrenaline[®] Plus card)

If you have an Adrenaline[®] Plus card, you can install two hard drives in your RADAR, and initialize them for mirrored (dual disk) recording. Set the DISK MODE to DUAL DISK and select one drive as the master, and the other as the slave. Audio will then be recorded simultaneously to both drives.



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Note: Dual Disk mode is for recording only. To edit, backup or flatten files, remount in single disk mode.

Optimized File Transfer via FTP

When you install Version 3.35, your RADAR unit will automatically be upgraded to use the new FTP-optimized networking environment. This environment provides much faster data transfers and also provides support for a Gigabit Ethernet card.

Note: You must purchase your Gigabit Ethernet card from iZ Technology to ensure compatibility...

Note: File transfers via Windows file sharing (CIFS) is not optimized.

Note: If you decide to revert to a previous version of software, you must uninstall the new networking environment by selecting the DOWNGRADE SYSTEM option in the SYSTEM MENU. You will see the message: NETWORK UPDATED, REBOOT RADAR.

3x DVD-RAM Support (using Panasonic SW-9573 Multi Drive)

With Version 3.35, if you have a Panasonic SW-9573 Multi Drive installed in your RADAR, you can take full advantage of the new 3X DVD-RAM media for backup and export.

Note: The SW-9573 drive does not support backup or export to the older 2.6GB and 5.2GB DVD-RAM media (although you can still import or restore from these formats).

Printable Project Info / Track Sheet / Locate List

The button beside the HELP button on the Session Controller has been assigned as the PROJECT NOTES button. You can also access this feature by selecting PROJECT NOTES in the PROJECT MENU. You can type in general notes about the project, as well as specific notes about each track and then save this information along with other project info (like the locate list) as a printable text file.

Note: A project notes text file is automatically included (in the same folder as the wav files) whenever you flatten a project or do a mono export.

Continue Recording when External Sync is Lost

RADAR now has the ability to automatically switch to internal sync and continue recording after losing an external sync source. To activate this feature, go to the LOST SYNC IN REC option in the SYNC MEUN, and select CONTINUE.



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Internal Sync Warning on Chase

Now, if you press the CHASE button when the SYNC REFERENCE is set to INTERNAL, RADAR gives you a warning and asks if you want to proceed (since the internal time code may drift in comparison to the external sync source).

Sync Reference Locked on RADAR Link Slave

A RADAR Link slave will sync to the RADAR Link master only. It will not allow its SYNC REFERENCE to be changed.

Transport Keys Active During Dialog

You can now activate stop, play, etc while you are in a menu selection.

Monitor Input with No Disks Mounted

Now you can monitor RADAR's inputs even with no disks mounted.

Track Arm Selections Remain On

Tracks will now remain armed even when mounting, unmounting or switching projects.



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Bugs Fixed in Version 3.35

Digital clicks when loading projects

RADAR would sometimes output digital noise when a "reclaim space" or backup caused it to switch between projects. Now "reclaim space" and backup will not switch projects or change any settings, thus eliminating the noise.

Undo lost while in RADAR Link solo mode

Switching projects and/or backing up while in RADAR Link solo mode was deleting the undo stack.

MARK LOC creates more than 99 locate points

Pressing the MARK LOC button repeatedly will now generate a maximum of 99 locate points since only the first 99 can be edited or displayed properly.

Problems burning CD/DVD when image file name contains '&'

The BURN DADA CD/DVD dialog would be garbled when the ISO image file contained an ampersand character. Now when you MAKE DVDCD IMAGE, you are not allowed to use the '&' in the file name.

No warning when CD/DVD image is incomplete

Now if the MAKE DVDCD IMAGE process fails, an error message will appear (for example "IMAGE FAILED: FILE WRITE ERROR") so you will know that the image is incomplete.

RADAR freezes if left overnight waiting for next backup disk or tape

When backing up to a SCSI DVD or tape that filled up and was left waiting for the next disk or tape to be inserted, RADAR'S SCSI bus would eventually timeout, forcing a reboot. Now, RADAR will not begin polling the SCSI device until someone presses a key.

Canceling backup while DVD multi drive is loading causes problems

Canceling a backup immediately after inserting a disk in the DVD multi drive (before it had finished loading the disk) was causing problems. Afterwards, when attempting another backup, RADAR would show the "+ LOADING +" message until the disk was ejected and reloaded.



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No error message when source files deleted while importing

When someone deletes files from a network drive while RADAR was in the process of importing them, there was no error message (although RADAR would prompt to "SALVAGE PARTIAL PROJECT"). Now it will also say "CAN'T READ FILE" and the file name so you know why it's a partial project.

Can't load imported project with weird track names

RADAR was crashing after importing wav files that had special characters (e.g. bullets) in their names. Now any special characters will be replaced with an 'x' when assigning names to imported tracks.

Gain change on large quantity of audio freezes RADAR

Doing a gain change on 10 minutes of audio on 10 tracks caused RADAR to go into "+WORKING+" mode forever. Now it will complete in an amount of time that is proportional to the quantity of audio selected.

Ejecting disk from multi drive crashes RADAR

RADAR will no longer crash when a disk is inserted in the DVD multi drive, and then ejected without being used, or after being initialized.

Pressing MOUNT button with empty Rev drive crashes RADAR

RADAR will no longer crash if booted up with an empty Iomega "Rev" drive.

Rechase mode actually nudges

Sometimes, when the CHASE MODE was set to RECHASE, it would actually function as if it were set to NUDGE. Now rechase mode will always re-cue RADAR and reestablish positional chase if the time code drifts.

Shuttle-0 mode setting displays stop setting only

When entering the SHUTTLE-0 MODE menu (in the 9-PIN SETTINGS), the cursor was flashing on the STOP option even if that was not the current setting. Now the cursor will point to the setting that is currently in use.

RADAR Link slave meters flicker on Meterbridge 48

With a 48 track meter bridge connected to a Session Controller, constant level input would show a slight flicker on the meters for tracks 25-48. Now it will be stable for all tracks, including those coming from the RADAR Link slave.



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RECALL LOC / fast forward freezes RADAR

When a drive was initialized for no waveforms, RADAR would sometimes freeze when searching for the end of audio using the RECALL LOC and fast forward buttons.

Span All mode doesn't include drive ID 6

When the DISK MODE was set to SPAN ALL, only drives 0 through 5 could be mounted. Now drive ID 6 will also be available.

New project with current settings doesn't copy track routing

Now, when the NEW PROJ SETTNGS preference is set to "CUR", the current project's track routing will also be copied when creating a new project.

"Disk not found" error when attempting to clone RADAR disk

If you went into browse mode with disks unmounted before attempting to CLONE RADAR DISK, a "DISK NOT FOUND" error would result.

Missing "EXPORT TO" prompt when doing FILE EXPORT

After exporting using the CLIP EXPORT button on the Session Controller, and then using the FILE EXPORT button, the "EXPORT TO:" prompt did not appear.

Mix Automation file copy doesn't work

The MIX AUTOMATION feature in the FILE MENU was no longer working. Now you can once again copy mixer automation settings for the Sony DMX-R100.



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Menu Structure in Version 3.35

Here is the RADAR menu structure for Version 3.35. Additions since version 3.32 are highlighted in **RED**. Items that have changed (e.g. renamed or moved to a new location) are highlighted in **BLUE**.

SYSTEM MENU

- SYSTEM VERSION
- OPERATING SYSTEM
- SYSTEM DATE
- INSTALLED RAM
- X-CHIP
- S-CHIP
- F-CHIP
- SET TIME & DATE
- UPGRADE SYSTEM
- DOWNGRADE SYSTEM**
- TOTRIS (if "Shift-# GAMES")
- PING (if "Shift-# GAMES")

DISK MENU

- MOUNT / UNMOUNT
- SHOW DISK SPACE
- RECLAIM SPACE
- MAKE PORTABLE
- ERASE ALL AUDIO
- INIT DISK** (now has a RADAR BWAV option)
- DISK MODE** (now has a DUAL DISK option)
- 24 TRKS AT 192K** (if Adrenaline[®]Plus present)
- SEAMLESS 64K
- CLONE RADAR DISK

SYNC MENU

- TC SETTINGS
 - TC FORMAT
 - TC RATE
 - SMPTE LOCK SPEED
 - FREEWHEEL TIME
 - STATIC TC OUT
 - CHASE MODE
 - SHOW SYNC DRIFT
 - SYNC THRESHOLD
 - CHASE ON POWERUP
- SYNC REFERENCE
 - RADARLINK
 - ENABLE/DISABLE
 - RADARLINK SOLO
 - RADARLINK ID
- MACHINE CONTROL
 - ENABLE/DISABLE
 - SELECT TYPE
 - 9-PIN SETTINGS



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- DEVICE ID
- 9-PIN CHASE MODE
- TRACK ARM MODE
- VARISPEED MODE
- SHUTTLE-0 MODE
- TC OUT MODE-CUE
- TC OUT MODE-PLAY
- MMC SETTINGS
 - DEVICE ID
- SYNC REF OUTPUT
- LOST SYNC IN REC**

I/O MENU

- I/O ROUTING
 - INPUT ROUTING
 - OUTPUT ROUTING
 - RESET ROUTING
 - DIG 2-CH ROUTING
 - DIG IN TRACKS
 - 8-BUS MODE
- AUDIO I/O LEVELS
- DIG IN FORMAT
- DIG I/O SDQ
- DIG 2 CH OUTPUT
- AES SETTINGS (if AES card present)
 - SAMPLE RATE IN
 - EMPHASIS IN
 - EMPHASIS OUT
 - MULTI CHNL TYPE
- ADAT SETTINGS (if ADAT card present)
 - ADAT IN CLOCK
 - ADAT IN WIDTH
 - ADAT IN SMPL PT
 - ADAT OUT WIDTH
 - ADAT OUT USERBIT
 - FACTORY DEFAULTS
- TDIF SETTINGS (if TDIF card present)
 - IN SAMPLE POINT
 - SAMPLE RATE IN
 - EMPHASIS IN
 - EMPHASIS OUT
 - CARD TYPE

FILE MENU

- BACKUP
- RESTORE
- EXPORT
- IMPORT
- FLATTEN PROJECT**
- FILE MANAGEMENT
- MAKE DVDCD IMAGE
- BURN DATA CD/DVD
- BURN AUDIO CD
- FINALIZE CD
- DEL IMG FILE



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- MACROS
- MIX AUTOMATION
- FILE PREFS
 - SHOW SIZE
 - EXPORT FORMAT
 - EXPORT SILENCE
 - REFORMAT QUALITY
 - WRITE VERIFY

PROJECT MENU

- GOTO PROJECT
- NEW PROJECT
- COPY PROJECT
- DELETE PROJECT
- NAME PROJECT
- RENUMBER PROJECT
- SAMPLE RATE
- BIT RESOLUTION
- TC FORMAT
- TC RATE
- START TIME
- SYNC OFFSET
- DISPLAY MODE
- MIDI TEMPO MAP
- VARISPEED
- UNDO LEVEL
- WAVE NOISE FLOOR
- NAME TRACK
- RENUMBER LOCATES
- REBUILD WAVES
- I/O ROUTING
 - INPUT ROUTING
 - OUTPUT ROUTING
 - RESET ROUTING
 - DIG 2-CH ROUTING
 - DIG IN TRACKS
 - 8-BUS MODE

PROJECT NOTES

PROJECT PREFS

(renamed from PROJ PREFS)

- NEW PROJ SETTNGS
- NEW PROJ NUMBER
- DEF SAMPLE RATE
- DEF BIT RES
- DEF TC FORMAT
- DEF TC RATE
- DEF START TIME
- DEF UNDO LEVEL
- DEF WAVE NS FLR

EDIT MENU

- UNDO EDIT
- REDO EDIT
- MODIFY EDIT
- CUT



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- COPY
- PASTE
- MOVE
- ERASE
- LOOP
- SLIDE
- INSERT SILENCE
- REVERSE
- GAIN/FADE
- LISTEN
- EDIT XFADE TIME
- REC XFADE TIME
- CROSSFADE TYPE
- MUTE TRACKS
- RECORD SAFE

PREFERENCES MENU

- DEF SMPTE FIELD
- SHOW SUBFRAMES
- SCROLL PROJ LED
- TRACK SOLO MODE
- ZOOM SOLO AUDIO
- SLIDE TIME UNITS
- FFWD & REW RATE

MAX JOG RATE

(if Adrenaline[®]Plus present)

- PEAK HOLD TIME
- CLIP HOLD TIME
- SYNC MRK TRIGGER
- SAVE STATE DELAY
- SCRN-SAVER MENU

(if "Shift-# CLAP") (for Soundmaster)

- SAVER DELAY
- IMAGE EFFECTS

- AUTO RECLAIM
- TRK ARM GROUPING
- IGNORE AES FLAGS
- UNMOUNT PORTABLE
- DAMSEL MODE
- RADARVIEW RES
- RECORD PREFS

- 1-BUTTON RECORD
- TRACK ARM ACTION
- RECORD MK IN/OUT
- LOW DISK WARNING
- RECORD VERIFY
- RECORD ON CHASE
- PROJECT PER TAKE

FILE PREFS

- SHOW SIZE
- EXPORT FORMAT
- EXPORT SILENCE
- REFORMAT QUALITY
- WRITE VERIFY

PROJ PREFS

- NEW PROJ SETTNGS
- NEW PROJ NUMBER
- DEF SAMPLE RATE



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- DEF BIT RES
- DEF TC FORMAT
- DEF TC RATE
- DEF START TIME
- DEF UNDO LEVEL
- DEF WAVE NS FLR

NETWORK PREFS

INTERFACE PREFS

- HOST NAME

- DHCP SERVER

- LOCAL IP ADDRESS (if DHCP disabled)

- SUBNET MASK (if DHCP disabled)

- GATEWAY (if DHCP disabled)

- DNS DOMAIN NAME (if DHCP disabled)

- PRIMARY DNS (if DHCP disabled)

- SECONDARY DNS (if DHCP disabled)

- FTP SERVER

- FTP LOGIN NAME (if FTP enabled)

- FTP PASSWORD (if FTP enabled)

SERVER PREFS

- CIFS SERVER IP

- SERVER NAME

- SERVER SHARE

- CLIENT WORKGROUP

NETWORK CONTROL

DIAGNOSTICS MENU

- SCAN SCSI BUS

- INIT DISK**

(now has a RADAR BWAV option)

- CHECK DISK

- REPAIR DISK

- CHECK PROJECT

- REALTIME ERRORS

- VERIFY DISKS

- CONFIGURE DEBUG

- SAVE DEBUG

- RESTART DESKTOP

- FACTORY SETTINGS

HELP MENU

- MANUAL

- RELEASE NOTES

SHUTDOWN RADAR