

RELEASE NOTES

MACKIE SDR24/96 REAL TIME OS™ • FEBRUARY 05, 2003

VERSION 1.2.4

These release notes describe issues for the SDR24/96 hard disk recorder version 1.2.4 that didn't make it into the Operation Manual.

MANUALS

Current versions of the SDR24/96 manuals, marketing literature, and release notes can be downloaded from the Mackie website at <http://www.mackie.com>. Please note that the sibling HDR24/96 Technical Reference Guide is available on the Mackie website, which contains more detailed information about hard disk recording that may be of interest.

SOFTWARE UPDATES

As new software releases become available, they can be downloaded from Mackie's web site by going to the SDR24/96 Product section, and clicking *Downloads*. If you don't know which software version you are currently running, check the version number in the System Menu (**Setup:Page Right:System:Page Right>About**). Once you download the software release onto your Mac or PC, you can copy the file to the SDR24/96's hard drive via the USB port. See "Appendix C: Upgrading the System Software" in the Operation Manual for more information.

SERVICE

Units requiring service in the U.S. must be returned freight prepaid to Mackie. Call technical support to obtain a Return Material Authorization number before packing your SDR24/96 off to us. For service outside the U.S., contact your dealer for instructions.

FIXED OR MODIFIED SINCE VERSION 1.2.1

- The Mackie Media PROJECT (ORB) drive is now supported.
- The Format Disk function no longer requires rebooting after a disk is reformatted (**SETUP:Page Right:Disk:Format**).
- The Disk options Mount Drive (**SETUP:Page Right:Disk:Mount**) and Defrag Drive (**SETUP:Page Right:Disk:Defrag**) are now implemented.

Note: The SDR24/96 DSP requires each sample to be contiguous on the disk. Whenever takes have non-contiguous samples, the SDR displays the error "Bad Take Alignment." The SDR Defrag Drive operation examines all the takes on the disk, and determines if they have the correct alignment. Incorrectly aligned takes will then be "defragged" to correct the misalignment. All other files on the disk are not changed by the defrag operation.

The SDR firmware will never misalign a take. Misaligned takes can be created by other hosts writing directly to the SDR disk:

- a) through USB mass storage mode.
- b) through mounting an M90 on a computer or via a firewire dock (HDR Pro).
- c) through a drive exchange with an HDR24/96 or MDR24/96.

- When Auto Take:Auto Increment mode is used (**SETUP:Record:Page Right:AuTkMd**), the virtual track is no longer incremented after the DELETE LAST button is pressed.

- Gapless punch-out can now be disabled (**SETUP:Record:Page Right:GapPO**). This allows you to punch in and out on more tracks, or record more tracks at a higher bit rate, by reducing the DSP requirements.

Note: The SDR24/96's default mode of operation is gapless punch-out. This means that when you are recording one or more tracks, you immediately monitor the signal previously recorded on the track(s) the instant you punch out (ALL INPUT monitoring must be off).

This takes a considerable amount of processing power to accomplish, and the more tracks you arm for punch in/out, the closer you come to running out of processing power. If you should experience a performance error while recording (Performance Error appears in the display and the ERROR LED lights), turn off gapless punch-out to gain more DSP power.

Disabling gapless punch-out loses the ability to instantly monitor the previously recorded signal when you punch out. Instead, depending on how many tracks are armed for recording, there may be a one or two second "gap" after punch out before the previously recorded signal is heard in the monitors. During this gap, the input signal is monitored until playback of the track resumes.

- Added MMC step support. This allows you to "scrub the tape" using, for example, the jog wheel on the Digital 8•Bus and MMC (MIDI Machine Control).

- Fixed incorrect monitoring when ALL INPUT and AUTO INPUT monitoring modes are both off.

- Fixed errors that may occur when LTC Output (**SETUP:Sync:Page Right:LtcO**) is turned on at 96 kHz.

- Fixed the offset when the SDR24/96 is slaved to incoming LTC and MTC.

KNOWN ISSUES AS OF VERSION 1.2.4

There are no known issues at this time.

MACKIE®

VERSION 1.2.4

Part No. 0006219 Rev. A 2/03
©2003 Mackie Designs Inc. www.mackie.com
All rights reserved.