

# ReeLogger – RL2000 Hardware Requirements

These are the minimum hardware requirements for ReeLogger and RL2000. Some items are required only if you have a regulatory agency submission requirement or are using the skimming features of the products.

## ReeLogger

- Pentium 266MMX PC
- Windows 95 OSR/2, Windows 98, Windows Me, Windows NT 4, Windows 2000 Pro or Windows XP Operating System
- 32MB RAM (Win9x), 64MB RAM (NT, W2K), 128MB RAM (XP)
- Hard drive – see **Disk Storage** for details
- Iomega Jaz II 2 GB (or equivalent) removable hard drive<sup>1</sup>
- 32-bit PCI full duplex sound card with game port<sup>2</sup>
- CD-ROM
- VGA display
- 1.44MB, 3.5" floppy drive
- Keyboard
- Mouse

## RL2000

- Pentium PIII 700MHz PC
- Windows 98, Windows NT 4, Windows 2000 Pro or Windows XP Operating System
- 128MB RAM
- Hard Drive – see **Disk Storage** for details
- Iomega Jaz II 2 GB (or equivalent) removable hard drive<sup>3</sup>
- 32-bit PCI full duplex sound card with game port<sup>4</sup>
- Multi-channel sound card that includes WDM & MME drivers for Windows
- CD-ROM
- VGA display
- 1.44MB, 3.5" floppy drive
- Keyboard
- Mouse

## Disk Storage

The table below provides information about disk space consumption when using either ReeLogger or RL2000 with the various encoders that are available. These requirements are above and beyond the disk space required by the operating system and any other applications that may be installed on the PC. Note that both the weekly and monthly requirements are expressed in gigabytes.

**Note:** If you intend to store more than a month's worth of audio for a given station, multiply the monthly figure by 2 for 60-day rollover and by 3 for 90-day rollover.

<sup>1</sup> Used for archiving and/or submission to regulatory agency.

<sup>2</sup> Game port required for skimming operations

<sup>3</sup> Used for archiving and/or submission to regulatory agency.

<sup>4</sup> Game port required for skimming operations.

### Storage Requirements Table

Encoder	GB/Week	GB/Month	Sound Quality	Sample Rate	Notes
Real 2.0 - 14.4	0.623616	2.761728	Fair	8 kHz	Do not use this Codec - Bad Quality
Real 2.0 - 28.8	1.151944	5.101468	Fair	8 kHz	Very Poor Quality
Real 3.0 - 28.8 Narrow	1.212129	5.368002	AM Radio	8 kHz	Reasonable Quality - Acceptable
Real 3.0 - 28.8 Medium	1.209261	5.355299	AM Radio	8 kHz	Better Yet - Acceptable
Real 3.0 - 28.8 Full	1.209427	5.356034	AM Radio	11 kHz	Good Listenable - Acceptable
Real 3.0 - 28.8 Stereo	1.514300	6.706185	AM Radio	8 kHz	Acceptable - some pitch fluctuation
Real 5.0 - 8Kb/s Mono	0.606328	2.685171	Fair	8 kHz	Good Listenable - Acceptable
Real 5.0 - 12Kb/s Mono	0.909626	4.028344	AM Radio	8 kHz	Good Listenable - Acceptable
Real 5.0 - 32Kb/s Mono	2.421087	10.72195	AM Radio	16 kHz	Good Listenable - Acceptable
Real 5.0 - 32Kb/s Stereo	2.416875	10.70330	AM Radio	11 kHz	Good Listenable - Acceptable
Real ISDN Mono	3.024678	13.39500	Good	22 kHz	Very Good - Top end Rolled Off
Real ISDN Stereo	3.025145	13.39707	Good	16 kHz	Very Good - Top end Rolled Off
Real Dual ISDN Mono	6.047279	26.78080	Excellent	44 kHz	Excellent Quality
Real Dual ISDN Stereo	6.056111	26.81992	Excellent	32 kHz	Excellent Quality

For RL2000, make the calculation for each running instance (station to be logged). For instance, if you're logging or skimming 4 stations, the formula for figuring required disk space is shown below:

$$\begin{aligned}
 & \text{GB/Month for Selected Encoder} * \text{Number Months for Rollover for Station 1} + \\
 & \text{GB/Month for Selected Encoder} * \text{Number Months for Rollover for Station 2} + \\
 & \text{GB/Month for Selected Encoder} * \text{Number Months for Rollover for Station 3} + \\
 & \text{GB/Month for Selected Encoder} * \text{Number Months for Rollover for Station 4} = \\
 & \text{Total Disk Space Required}
 \end{aligned}$$