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## Ensoniq eps 16 disks

These are copies of the original number of sound/demo discs that have a new EPS-16. They are Disk 1 via Disk 9 and include all the sounds shown below plus many demo songs. These discs will also work in your EPS 16 Plus and ASR-10. MAIN SOUND DISC 1 · GRAND PIANO 1,948 MAIN SOUND DISC 2 · ACOUSTIC GUITAR 819 · LUNLIGHT 595 MAIN SOUND DISC 3 · TENOR SAX 908 MAIN SOUND DISC 4 · POWER DRUMS 1006 MAIN SOUND DISC 5 · POP HORN SECTION 527 · VOICES OF HEAVEN 485 · ELECTRIC BASS 262 · UPRIGHT BASS 196 MAIN SOUND DISC 6 · EPIC STRINGS 980 MAIN SOUND DISC 7 · DREAM GUITAR 963 MAIN SOUND DISC 8 · ELECTRIC GUITAR 993 MAIN SOUND DISC 9 · ECSTACY 624 Advantages of older or different operating systems It would be good and easy to say that the latest operating systems for each EPS /ASR tools is best to use, absolutely. This is the case with the original EPS - there is no advantage to using an older operating system, since the latter (2.49) has everything and fixes everything. This is not necessarily the case with 16-plus or ASR-10/88. Although the last operating system for each may be the most reliable to use, some of the older operating systems have certain advantages. Below is a table of most released and unreleased operating systems, a description of possible uses and downloads. The recommended OS for regular use is in bold. Important Note: These downloads do not work on Windows XP! Please see article 32, Disket to launch images with images to boot all in one Win98, which allow you to write on floppy disks on the WINDOWS operating system. Note: We are working to get support for the OmniFlopp driver. We plan to have an OSMaker program that saves a disk with one click. Stay tuned!

Operating system tool blocks the use of the file 2.49 (EPS), 1.30 (EPS 16-Plus), 1.61 (ASR-10), 3.53 (ASR-10) - This is a collection of OS image files that you can use in Translator or any other program to write on floppy or hard disk as an operating system for that volume. Download 1.95 167 For useless; automated sequencing, added SCSI support. Download 2.35 167 Unused; fixed various bugs. Download 2.40 167 Unused; add buggy COPY FLOPPY DISK function Download 2.45 167 Not practical use; intermediate download of OS 2.49 167 Recommended for use; Corrections COPY FLOPPY DISK, adds several SCSI and Sequencer features Download 1.00 167 First message without advantages to use Download 1.10 167 Useful for translation of sequences /songs from the original EPS format (avoids length bug in 1.3) Download 1.17 167 Beta non-lilid OS; adds a LOADFILE operation to an event in Sequencer. Macros don't work. Click here for information to download 1.19 167 Practically identical to 1.17; no differences were observed. Download 1.30 167 Latest OS Release. Added features such as MIDI Bank Load, Seq Loop parameter, saved, several convenient sequester features. Enters an error in Seq/Song length. Does not include loadfile loadfile event Download 1.25 174 One of the first editions without priority to use. Works only with ROM BIOS versions lower than 1.5 (usually 1.0). Download 1.61 173 Useful for fast normal operation without audio tracks and Akai/Roland translation. Requires ROM BIOS 1.5. Download 2.01 222 Adds audio tracks (RAMTracks and DiskTracks). There is a compromise on performance in the speed of operations and sound response in certain situations. Larger in size, charging time is slower. DOWNLOAD PC 2.51 222 Fixes for 2.01 (supposedly) Download 3.00 382 Adds Akai/Roland translation. Perhaps slows down normal operation slightly compared to 2.01; Confirmed. Adds a sound error to the PHASER + REVERB algorithm (adds scratches tone). Still larger in size, charging time is slower. Download 3.52 382 Fixes phaser bug, other minor features are not mentioned. Download 3.53 382 Differences from 3.52 unknown. Download summary and suggested use 2.49; you have no advantage using previous operating systems. Use 1.30 regularly. However, in any case, when translating an original EPS Seq/Songs, use 1.10. Also, you may want to use 1.17/1.19 when you want to automatically load new tools in a series. For the usual daily use, we suggest using 1.61 (yes, older!). However, you will need to use 2.0 for audio recordings and 3.53 for audio recordings and/or Akai/Roland translations. Not documented if 3.53 is more reliable in normal operation than 1.61 other than faster operation; Download information All downloads are disk images that can be used with most/all popular ensoniq disc writing programs. Only ASR operating systems are available for Mac download, since Mac can not write images with the OS on them on a floppy disk. PC users: Just run the .exe file, and it will install the file and program EDE109, which will automatically start and give you the correct instructions for writing the file on floppy. Important Note These downloads that write to Ensoniq floppy disks do not work on Windows XP. Please download a floppy image boot floppy disk from Article 32, a disk drive to start a floppy disk for a disk drive to load images. Mac users: Locate a computer and use the computer instructions. Mackintosh can't physically write Ensoniq's flopit properly. Check the operating system version and ROM BIOS version of all Ensoniq keyboards, press COMMAND, and then double-click the ENV1 button. Scroll up 1 to the SOFTWARE INFORMATION page, and then press ENTER-YES. You will see the operating system version (RAM), and then press ENTER-YES again. You'll see the ROM BIOS (ROM) version. Press ENTER-YES again, and you'll see the keyboard version (not helpful). Miscellaneous Information EPS OS 2.4 enter a virus in some Ensoniq floppy disks - the error in the COPY FLOPPY function created the inability to edit certain files on the disk, although they can load and play their sounds. So if you have sounds that may have passed through this stage - check them out. Note that all ENP operating systems were 167,167 ASR OS would and can grow in size. This is probably due to a redesign of the operating system placement and the management of this in memory Ensoniq decided against loadfile commands within 16-plus because of sound problems that will occur when the tool will load Ensoniq apparently released 2.49 in the hope that OS 2.50 will include the backup and restore feature that is under development. This is rolled up to 16-plus, but for some reason Ensoniq has never run/adapted the backup/restore feature for Original EPS. Also, interestingly, the majority of ASCii text strings contained in 16-Plus OS are those that participate in the backup/restore feature. This assumes that the feature is a later inclusion in the 16-Plus operating system, since most of the information about the text string is either the basic sound chip (OTIS) or the ROM BIOS chip. There are rumors that there are slightly different versions of 16-Plus's BIOS ROM; 1.0a, 1.0f. We don't know about differences between systems; However, we know that some waveboy effects have some problems within the early 16-plus (especially in Europe). Perhaps these two things are related Ensoniq recommended during the release of ASR 2.01 that using 1.61 would be a good idea for those who do not want audio-diection functions. However, as mentioned above, Ensoniq has not mentioned anything about the later operating system is more efficient / less buggies than 1.61 The only operating systems that require a certain ROM BIOS in the machine are ASR OS; However, remember that any operating system that uses the earlier BIOS 1.0 is worthy to be discarded and upgraded to at least 1.61. So if you have an ASR ROM BIOS 1.0, get 1.5 from ensoniq service center! For a list of bugs that still remain in the latest operating system, click here. Back to EPS and ASR-10 Knowledge Base Index Order window - Delivery - Contact us - Back to ASR/EPS Page - Home Page Ensoniq ASR-10, ASR-88, EPS, EPS-16 plus operating system boot - memory SCSI SCSI disks - loading sounds from other samples - Sequencer We can't provide technical support for the overall operation of your keyboard; but we carry the full line of Enzoniq. Boot with the operating system (O.S.) Ensoniq excerpts are launched from a floppy disk containing the operating system (O.S.) that tells the keyboard how to work. You need to insert the O.S. disc into the drive and read it on the keyboard every time you turn it on - otherwise it won't work. Once you have loaded, then you can start loading sounds or sampling. It is always best to use the latest version of O.S., since each subsequent version fixes errors and often adds new features. The latest versions of O.S. are: Model Disk O.S. Firmware (EPROM O.S.) EPS 2.49 2.40 EPS-M (shelf module) 2.49 2.41 EPS-16 Plus (keyboard and 1.30 1.00 ASR-10 3.53 1.50 ASR-88 3.53 3.50 Note that the O.S. current may be incompatible with older older disks Firmware. In other words, if you purchase a SOF disk and your sample file has a very early firmware version, it may not load (you will receive a message for an incompatible OS version). To check the firmware version, press Command then Env 1; the display will read NO COMMANDS ON PAGE, but it is not really true - it is a secret page where the diagnostic software is located. Scroll right until you see the SOFTWARE INFORMATION page and press Enter. The display will display the current RAM version (the disk version you loaded). Press Enter again to view the ROM version (firmware version). Possible boot error messages: PLEASE INSERT DISK - No disk in the drive; if there is a disk in the drive, the floppy disk drive does not recognize the presence of a disc (i.e. the drive is not working). O.S. NOT ON DISK - The drive does not have the operating system on it. DISK NOT FORMATTED - The drive in the drive is not formatted for use in the sample program. ERROR WORKING WITH FILE - Either the disk you are using is corrupted or the floppy disk drive is corrupted. Incompatible o.s. version - The firmware in the sampler is outdated and you are trying to start with a newer disk operating system (O.S.). You will need to upgrade O.S. EPROMs in your example. Click to return to the top of this section. Memory From the factory, EPS supplies with 512k ram sample and can be expanded to 1 Meg or 2 Meg using 2x or 4x memory expandable cartridges. EPS-M (shelf version) has already been extended to a maximum of 2 Meg memory. EpS-16 Plus is supplied with 1 Meg from trial RAM and can be extended to 2 Meg using 2x expand memory. The EPS-16 Plus sheath module has already been extended to a maximum of 2 meg memory. ASR-10 was sent with 2 Meg sample RAM, and was the first Ensoniq sample that used standard SIMMs for memory. It can be extended to a maximum of 16 Meg using four 4-Meg SIMMs. The ASR-10 and ASR-88 shelf come with a fully expanded 16-mega memory. All ASR-10, ASR-88 and TS keyboards use 80 nano-second or faster, 30-pin, 1m x 8 or 4m x 8 non-parity SIMM (8 chips per SIMM). No configuration that does not use two or four SIMMs will work. Most computer houses no longer carry a 30-pin SIMM. Syntaur sells an 8-mega memory kit, with full instructions, for \$49.95, or a 2-meg memory kit, for \$16.95. Here are the maximum block sizes that these tools will hold in memory, along with the capacity of their floppy disks: Model and configuration Trial memory floppy disk, undisturbed (512k) 1020 blocks 1585 blocks EPS, with 2x extender (1 Meg) 2040 blocks 1585 blocks EPS, with 4x extender (2 meg) 4085 blocks 1585 blocks EPS-16 Plus, unexpeded (1 meg) 2040 blocks 1585 blocks EPS-16 Plus , with 2x extender (2 meg) 4085 blocks 1585 blocks ASR-10, warehouse (2 meg) 4085 blocks 3176 blocks ASR-10 with 4 Meg 7900 blocks 3176 blocks with 8 Meg 16,000 blocks 3176 blocks ASR-10 with 10 Megs 20,000 blocks 3176 blocks ASR-10 or ASR-88 with 16 Meg 31,000 blocks 3176 blocks Click to return to the top of this section. SCSI and SCSI disks instead of loading and recording disk sounds, you can make a great upgrade using an external SCSI drive with your example. The SCSI drive won't change the way your sample tool works - it won't make better or longer samples - but it will provide an extremely faster time to load sounds and a very convenient way to store and organize your sounds. Moreover, if you add an SCSI CD-ROM drive, you can purchase CD-ROM sounds for much cheaper than the same sounds will cost on floppy disks (a CD-ROM holds the equivalent of hundreds of floppy disks, worth data). To use an SCSI device, you must first install an SCSI kit in your sample device. If you are using EPS or EPS-16 Plus, you must have the memory extender cartridge installed, with the SCSI board physically mounted on the extender. Not all SCSI devices are compatible with Ensoniq samplers, and older samplers work with fewer devices. In fact, EPS will not recognize a zip drive or CD-ROM drive at all, and even the ASR-10 works with only a few specific CD-ROM drives. The Iomega Zip 100 device will work with the ASR-10 device and the ASR-88 (the device should be the scsi version, of course, and they are unfortunately now out of production), and the Zip Plus device will also work. But zip 250 will not work. The Zip 100 will work on the EPS-16 Plus, but only if you have something else in the SCSI SCSI power supply chain - or if you're using a scsi kit from Syntaur that provides that power. If you want removable media for EPS, most of the Syquest disks work well (although they are out of production). Like your computer's hard disk, you can organize your SCSI disk into directories and sub-directories. Navigating them is a little awkward at first, but you'll soon learn the system and appreciate the ability to have all your sounds organized into groups (all bass sounds recorded together in a BASSES directory, for example). To switch to an SCSI device, press Command then System and scroll to CHANGE STORAGE DEVICE. Press Enter, and then scroll up to select your device's SCSI ID (this should be 4 for a CD-ROM drive and 5 or 6 for zip drive). SCSI disk sounds are organized into directories and subdirectories, so you'll need to navigate through these to get to the sound you want. Press Load then System to view the directories (you can scroll up or down to see them), and press Enter to go to the selected directory (or exit the current directory when EXIT TO... (if selected We sell a guide for SCSI EPS /EPS-16 Plus and a manual asr-10 add-on guide that explains all this in detail, as well as An exemplary magic book that focuses specifically on Ensoniq samplers. Click to return to the top of this section. Section. Sounds from other eps-amplifying eps will load EPS and EPS-16 Plus sounds, and will also import Ensoniq Mirage sounds (via command-line system, not through normal disk boot procedure). While ASR-10 sample files are in a compatible format, they are usually stored on high-density (HD) discs that EPS will not recognize. If you use a dual-density disc to record ASR-10 sound, you can read it in EPS. EpS-16 Plus will load EPS and EPS-16 Plus sounds and work exactly the same way as EPS in terms of Mirage and ASR-10 sounds (see above). ASR-10 and ASR-88 will charge EPS and EPS-16 Plus sounds without a problem. With O.S. version 3.0 or higher, ASR will also import Akai S1000 and Roland S700 sounds, but can only do this through SCSI (ASR will not recognize non-Ensoniq floppy disks). Unlike EPS and EPS-16 Plus, ASR-10 and ASR-88 will not import mirage. Click to return to the top of this section. Sequencer You can load EPS sequences in EPS-16 Plus or ASR-10, and you can load EPS-16 Plus sequences in ASR-10. You can also convert EPS or ASR sequences to Standard MIDI files, or to other Ensoniq keyboards using special computer software from Giebler Enterprises. Call them at 610-933-0332. Click to return to the top of this section. Back to ASR/EPS page - back to home page

