

neuston



## The VIRTUOSO MC-500 from neuston.

Imagine; a PC in the study. Your digital television and home theatre system in the living room.

The MC-500 allows digital media management on your PC, delivering your favourite movies, music and photos straight to your television wirelessly. No more cables. No more hassles.

neuston  
CORPORATION

*Desired Innovations*

[www.neuston.com](http://www.neuston.com)

## Digital Content at your fingertips

As broadband speeds soar to unimaginable speeds, and entertainment in the form of video and music evolves to the world of digital data, a new and improved video format has emerged in the form of Mpeg-4 video.

Previous versions of the Mpeg technology have flourished throughout the world over the last decade. With the introduction of Mpeg-1 (VCD) and Mpeg-2 (DVD), Mpeg-4 has combined high compression technology with crisp video quality and digital sound.

Based on a typical 2 hour film

Mpeg Type	Data Size	Video Quality	Sound quality
Mpeg-1	1.5gb	Low	Stereo
Mpeg-2	4.7gb	High	Dolby Digital 5.1
Mpeg-4	700mb	High	Dolby Digital 5.1

With Mpeg-4's high compression rate, and superior video and sound quality, its no wonder that it has most recently been dubbed 'the Mp3 of video.' Look no further as this is the future of home entertainment, along with digital music and digital pictures.

How does the VIRTUOSO MC-500 fit in?

neuston recognises this move to the digital home entertainment and has innovated a product that more people desire everyday. With digital music (Mp3), digital pictures (from digital cameras), and the quick growth of highly compressed digital video on a worldwide scale (Mpeg-4) , the MC-500 is essential in delivering your digital media from your PC to televisions and home entertainment systems.

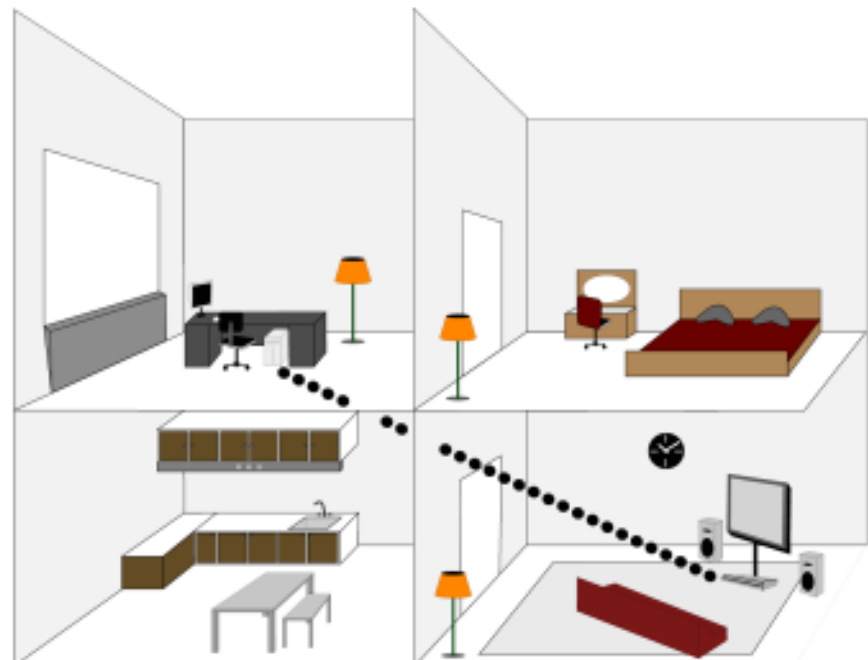
Simplistically, with all of your digital video, music and picture data stored on the PC, the VIRTUOSO MC-500 will access this data from the PC wirelessly, and re-construct the digital data on your televisions and entertainment systems. Fully network capable, the MC-500 operates as a jukebox for all of your personal digital media, as well as surfing the net on your television.

Equipped with video outputs including DVI, Component Video and SCART, video quality promises to be at its best with neuston. Not to mention its audio capabilities, offering both OPTICAL and COAXIAL digital outputs as standard features.

Network Capable.

Wirelessly enabled.

Desired Innovations.



Simplicity made simple.

Although the VIRTUOSO MC-500 is a first of its kind for digital home entertainment control, its usage and interface has been made extremely simple and user friendly.



1. Install and configure neuston software on your PC and on the MC-500 itself. Follow easy steps in the manual.



2. Switch on the MC-500 and detect for PC's in the network that possess the neuston client software for the PC.



3. Once connected, choose from a whole host of choices including Video, Music, Photo and Internet functions.



4. When selecting video or music mode, a list of your digital files will be displayed. Simply select and enjoy.



5. Selecting photo mode will show your digital photos and thumbnails, allowing you to preview and select.



6. The internet function reflects versatility, from showing your PC browser bookmarks, to web radio access.

In addition to these functions, other features include;

- Connecting a portable hard drive or media card reader to the MC-500 via USB.
- Display your favourite digital images while listening to your personal music collection.
- Listen to your favourite music tracks while watching your digital photo album.
- Playlist support, recognising playlist files such as .m3u, .b4s, .asx and .wpl.
- Includes search functions to find your favourite digital media in the PC.
- Connect your MC-500 to your network via Wireless LAN or LAN connections. Also supports ad-hoc connection for direct communication between your MC-500 and your PC.
- The MC-500 is fully upgradable, simply through firmware upgrades over the internet.



Video. No more burning. No more copying. Stream directly from your PC or Mac through the MC-500. Supports MPEG-1, MPEG-2 and MPEG-4.

Photo. Organise and view those special moments in the comfort of your home with your family. Enjoy digital photo albums accompanied by your favourite music tracks.

Music. Manage and stream your digital audio collection. Create your own playlists and categories.

Internet. Surf the net effortlessly on your big screen. Also includes enhancements including preset bookmarks and web radio access.

#### CPU / System Board

150MHz 32-bit ARM based System On Chip  
4 Mbytes of Flash ROM  
16 Mbytes of SDRAM for host  
4 Mbytes of SDRAM for video buffer  
Output Interface

#### Video/Audio Outputs

Composite Video  
S-Video  
Component Video (Progressive and VGA)  
DVI Output  
SCART  
Stereo  
SPDIF Digital Audio Output on both Coaxial & Optical

#### Networking Interface

Ethernet interface 10-base T/100-base T  
PCMCIA Card Slot for 802.11b  
Click here to view list of compatible 802.11b Wireless LAN cards

#### Video Decoding

MPEG-1  
MPEG-2  
MPEG-4 Simple and Advanced Simple Profile Level 5 (without QPEL)  
DivX (without QPEL)  
RMP4  
MOV (with 3ivX encoding)  
MPG  
AVI  
Microsoft S-Mpeg4v3

#### Audio Decoding

MPEG-1 Audio Layers 1 & 2  
MPEG-2 Audio Layer  
MP3  
Ogg Vorbis  
PCM WAV  
AAC  
WMA

#### Graphic Formats

JPEG  
GIF  
Animated GIF  
PNG  
BMP  
TIFF

#### Other Features

Neuston Web Browser  
Internet Radio  
Web Directory  
News Centre  
Support for USB mass storage

#### PC Requirements

500MHz Pentium III or Faster  
Windows 98, ME, 2000, XP  
Minimum 50MB of Available Hard Disk  
(Not including Media files)  
Minimum 128MB Memory (256 MB Recommended)  
Wireless or Wired network interface

#### Mac Requirements

G3 or Faster  
MacOS 10.2 Operating System  
Minimum 50MB of available Hard Disk  
(Not including Media files)  
Minimum 128MB Memory (256 MB Recommended)  
Wireless or Wired network interface

#### Power Specification

AC Adaptor  
100-240 AC / 50-60Hz  
Power Consumption 15W

#### Human Interface Devices

Handheld Remote (Standard)

Encode your own video, audio and picture content or download it from content providers.



Digital content delivery from your PC to your television and home theatre system is made easy with the VIRTUOSO MC-500 via a wireless or wired network.

