

We first want to thank you for purchasing a Neuros OSD the first open source media hub/mpeg4 recorder that will allow you to bridge the gap between all your digital media content, your handheld devices and your entertainment center.

Very Important – Upgrade Firmware Immediately!

As you may know, the Neuros OSD is an open source device that will continually evolve and be updated with bug fixes and new features developed by both our engineers and our ever growing user community. We will make these new capabilities available to you via regular firmware upgrades that can be downloaded from our web site and loaded onto your OSD. These upgrades are free and can be done in minutes by users of any level.

By the time you've purchased this unit, there's a good chance there's already a superior firmware version waiting for you. Once you've figured out how to hook up your OSD using the instructions below, **we strongly suggest that you visit our website to download the latest firmware** and continue to do so often as we hope to keep surprising you with new functionality for your device.

Firmware can be found at:
www.neurostechnology.com/support/support.asp

Complete User's Manual

A more detailed User's Manual with FAQ's is available at the link shown below. We will update this User's Manual every time there is a new firmware version, so be sure to use the User's Manual corresponding to your firmware version. We will also keep archived copies of the User's Manual corresponding to older firmware versions, in case you for some reason you choose not to keep your firmware upgraded to the latest level.

www.neurostechnology.com/support/support.asp

Features

Video Recorder - Record video (.asf, .avi, .mp4) from any video source such as

VCR, DVD player, Satellite receiver, Cable box, etc.

Video Player - Playback video (.asf, .avi, .mp4, .mpeg) from memory cards, external HD, home network/internet* on your TV.

Image Viewer - View pictures (.jpg, .bmp, .gif) on your TV from memory cards or digital camera plugged into the USB port.

Music Player - Play MP3, WMA, OGG and AAC files directly from your MP3 player, memory cards or home network.

Additional Features to be Added via Firmware Upgrades - In the future you can look forward to upgrades enabling streaming media from PCs to home entertainment systems; wireless networking; support for more USB peripherals; and more. Some of these capabilities may already be available by the time you get your OSD home and open the box (see above to upgrade firmware). To see an up-to-date list of working features or to find out how to join our community, go to:

www.osd.neurostechnology.com

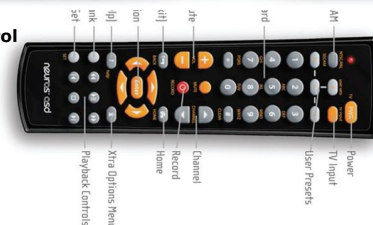
Neuros OSD Left side



Neuros OSD Right side



Remote Control



Included accessories:

RCA cables (x2) Power supply
IR blaster VGA Cable
VGA Adapter
Note: some non-U.S. versions may also have RCA-to-scart adaptors.

Step 1-Connecting Power

1. Connect the included power supply to the wall.
2. Plug the other end into the 5V power input jack on the right side of the OSD.
3. The green light on the top/left side of the OSD should turn on.

The OSD power supply is universal (this means it will work with any voltage between 110V and 220V). Power plug adapters may be required for use in some areas and are not included.



Step 2-Connecting to TV

1. Connect one of the included RCA Composite A/V cables to the A/V OUT port on the right side of your OSD.



2. Connect the RCA composite cable ends to the corresponding inputs on our TV A/V IN plugs (Yellow=Video, Red=Audio Right, White=Audio Left)
3. Turn on the OSD by plugging in the power supply.
4. Tune your TV to the proper channel for the inputs you just plugged your A/V cable into (ex: Input or Video 1, Input or Video 2, Channel 3, Channel 4... or just change the channel on your TV until you see the OSD menu).

5. You should see the Neuros OSD startup screen on your TV. Press the home button if you don't see anything on the TV screen as it will always bring up the main interface page of the OSD.

Note: The Audio cables (Red/White) can be connected to your stereo receiver instead of your TV if you want to play the audio through your stereo instead of your TV.

The Neuros OSD supports NTSC, PAL and SECAM standards. Pressing the NTSC/PAL/SECAM button on the remote will switch between NTSC, PAL and SECAM. NTSC is used in the U.S..

Step 3-Connecting to Video Source

Your Neuros OSD will allow you to record video from any source. You can connect to virtually any video source (DVD players, VCRs, Game Consoles, Camcorders, TiVo, etc) with the included RCA composite cables (cable with Red, Yellow, and White plugs on one end), while some video sources allow the higher quality S-Video cable to be used.

1. Connect one of the included RCA Composite A/V cables to the A/V IN port on the right side of your OSD.
Note: If using S-Video, connect both the S-Video and the RCA cables.



2. Connect the RCA composite cable ends to the corresponding A/V OUT plugs of your video source (Yellow=Video, Red=Audio Right, White=Audio Left). If using the S-Video cable, you will still need to connect the Red and White RCA plugs, but not the Yellow one.



3. Make sure the power supply and TV are connected (as per the 2 previous steps) and the OSD is turned on.
4. Start playing video on your source device. You should see the video appear on your TV.

Step 4-Inserting Memory Cards or other storage devices

CF.Microdrive Slot

The CF.Microdrive slot is designed for Compact Flash type cards and Microdrives. Insert as shown on right.

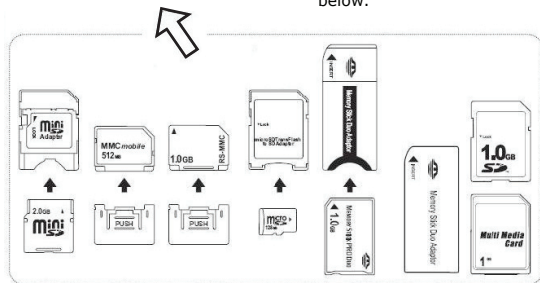


SD.MS.MMC slot

The Neuros OSD accepts a variety of memory cards. The SD.MS.MMC slot will accept Secure Digital, MS Duo / MS Pro Duo and Multimedia Cards. Insert as shown on left.




In addition to the standard size cards, you will also be able to use MiniSD, Micro SD, MMC Mobile and RS-MMC type cards with the proper adapter. Please reference the chart below.




Step 6-Recording Video





Once you've completed the above steps, you're ready to start recording.




Quickstart Recording: You can take a leap of faith and simply press record  on the remote while in any menu to begin recording immediately at the default recording settings (resolution, etc). These settings may or may not be right for your intended use.

Standard Recording:

Use this mode if you want to check or change the default settings.

1. Enter the RECORDER menu.
2. Default recording settings will be listed. If the recording settings are acceptable, press Record  or select Start at the bottom of the screen to begin recording.
3. If you wish to change any recording settings, select "CHANGE" at the bottom of the screen to enter the RECORDER SETTINGS menu. To change

a given recording setting, highlight it using the Left  / right  buttons, and then press Up  /Down  to select the new value.









- a. Note: If you are comfortable with more technical terminology (like QVGA, VGA, etc) and want more choices, you can enter the RECORDER ADVANCED SETTINGS menu by selecting "ADVANCED" at the bottom of the RECORDER SETTINGS menu screen. Make any changes you'd like in this menu. Once you're satisfied, select SAVE at the bottom of the screen to save your changes and return to the RECORDER SETTINGS menu or select EXIT to return to this menu without saving changes.
4. Once you're satisfied with the recording settings in the RECORDER SETTINGS menu, select "Save" on the menu screen to keep your new settings (which will be the new default settings) and return to the OSD RECORDER menu or select Exit to return to the menu without saving changes.
 5. Begin recording by highlighting the START button on the menu screen and pressing Enter  (or, as always, by pressing record button  on the remote).
 6. Press stop button  to stop recording at any time (or recording will stop automatically after the time limit selected in the RECORDER SETTINGS menu).

USB Port


The USB port on your OSD will allow you to read/write to many different devices such as iPods, USB thumbdrives, external hard drives, other portable media players (including MP3 and MP4) and other USB enabled devices (essentially any device that shows up as a removable disc when plugged into the USB port of a PC). The ability to record to them means that any recordings you make with the Neuros OSD can be saved directly to the USB device of choice when plugged into the USB port. You can also read files from your USB devices directly on your TV/Entertainment center. This will allow you to view photos from your digital camera and play video and music from your iPod or other MP3/Video player and other USB enabled external devices.

The USB port can also be used for other USB devices such as WiFi dongles. Please visit www.osd.neurostechnology.com for additional details.

Step 5-Introduction to the OSD Menus

1. Press the Home  button to bring up the main menu or return to it at any time (Note: when no buttons are pressed for a period of time, the menu will disappear and show only the source video, if any, on the screen).
2. There are four main menu options on the home page: FILE BROWSER, RECORDER, SETTINGS and APPLICATIONS.
3. Other menu options will be available from within each of these main menu options.
4. You can highlight menu options by browsing with the UP  / DOWN  keys. You can enter the highlighted menu option by pressing Enter  or Right Arrow .
5. Hit Back Arrow  to return to the previous menu.
6. You can get help from any menu screen by pressing the Help  button. Note that this information will be added over time and may not be available or complete in earlier firmware versions.
7. If the Xi ICON is visible on the right side of a given menu selection, you can press the Xi button  on the remote for additional options or information. These, too, will be added or enhanced over time.

Step 7-Playing Back Video from Memory Cards or External Drives

1. Make sure device is plugged in and memory card is in slot or external drive connected.
2. Enter the FILE BROWSER menu.
3. Browse to desired card or drive.
4. Select file.
5. Press Play  on remote.
6. Standard remote control functions such as fast-forward and rewind work like they would on a typical VCR or DVD player.

Other Connections

Please see the complete OSD User's Manual for more details (on-line at: www.neurostechnology.com/support/support.asp)

IR blaster

This feature will allow you to control other devices such as your cablebox, DVR, VCR and TV by emulating the remote control signals of these devices. See full user's guide for details.

Serial Port

To control tuner boxes and connection to PC for developer debugging.

LAN

This Ethernet port will allow you to connect your OSD to a network. Functionality for this port is limited at the time of launch but will be added in future firmware releases (see above).