Installing Codex Studio Range software

This document describes how to install new versions of the Codex Studio Range system software.

Downloading the software from the Codex website

If you use Internet Explorer to download the software package, which will have a filename ending in .tgz, be aware that the file may be saved as a .tar file. If this happens simply rename the file to restore the .tgz extension. If you cannot see any file extensions, enable this from My Computer/Tools/Folder Options/View and uncheck 'Hide extensions for known file types'.

If you use Safari, Ctrl+click on the link and select Download Linked File from the menu. Do not just click on the link as Safari will unpack the .tgz into a folder.

Copying the software onto the Codex system

Method A – USB memory stick

- Unload any diskpacks and disconnect any external drives attached to the system
- Attach a USB keyboard to the system
- Switch to virtual console 1 by pressing CTRL+ALT+F1 at the same time
- At the prompt, log in as 'root' with password 'codex' (default)
- Insert the USB memory stick
- If the directory /mnt/usb doesn't exist, create it by typing:
  'mkdir /mnt/usb'
- Mount the memory stick using the command:
  'mount /dev/sdb1 /mnt/usb'
- Copy the software from the memory stick using the cp command. e.g.
  'cp /mnt/usb/codex-2011.r1.2300.tgz /tmp'
- Unmount the memory stick using the command:
  'umount /mnt/usb'
- Remove the memory stick

Method B – From Windows or Mac OS X over the network using Samba share

- This assumes you have your networking set up so that you can ping the Codex system, and you know the IP address of the Codex. The IP address of the Codex system can be found in Setup / Control.
- **Windows**: Open My Computer/Tools/Map Network Drive. Enter '192.168.1.100\root' as the folder name, replacing 192.168.1.100 with the IP address of your Codex. Click on different user name and enter 'root' as the user name and the root password (default codex).

- **Mac OS X**: Open Connect to Server using Apple+K. Enter `'smb://192.168.1.100/root'` and then the user name `'root'` and password (default codex) when prompted, replacing 192.168.1.100 with the IP address of your Codex.
- Drag and drop the new software into the 'tmp' directory on the Codex system.

Method C – From another machine over the network using SCP

- This assumes you have your PC and Codex networking set up so that you can ping the Codex system, and you know the IP address of the Codex. The IP address of the Codex system can be found in Setup / Control.
- From a Unix or Mac OS X system, copy the installer using SCP as follows: `'scp codex-2011.r1.2300.tgz root@192.168.1.100:/tmp'` replacing 192.168.1.100 with the IP address of your Codex.
- From a Windows system, you can use a graphical SCP program such as WinSCP. Follow the instructions with that program to drag and drop the installer into the /tmp directory on the Codex.

Installing the Codex software

These instructions assume that you have copied the tgz software package into the directory /tmp on the Codex, and that you are logged in as root as per Method A above.

- Type '`cd /tmp`'
- Unpack the software using the command:
  '`tar zxf codex-2011.r1.2300.tgz`'
  (substitute the name of the software package)
- Eject any Codex diskpacks
- Shutdown the Codex software by typing '`telinit 3`'
- If you see the splash screen at this point, switch back to virtual console 1 by pressing CTRL+ALT+F1 at the same time
- Change into the installer directory, e.g. '`cd codex-2011.r1.2300-inst`'
- Check for updated installation instructions: '`more README`'
- Install the new software with the command '`./install`'
- Change back to the /tmp directory and remove the installation package:
  '`rm -f codex-2011.r1.2300.tgz`'
  '`rm -rf codex-2011.r1.2300-inst`'
- Restart the Codex software by typing '`telinit 5`'
- At this point the Codex UI should start
- Switch to virtual console 1 (CTRL+ALT+F1) and logout using the '`logout`' command
- Switch back to the Codex UI (CTRL+ALT+F7)