

The Media Upgrade for I32 and PRE32



The Media Upgrade adapts the EISA award-winning I32 integrated amplifier and the recently introduced PRE32 stereo amplifier for audiophile streaming, internet radio and gapless audio playback, through integration with UPnP devices such as PC/Mac/NAS iPod®, iPad®, iPhone® or USB thumb drive. It's a genuine 24/192 DAC board including coax, TOSLINK, USB-A and USB-B inputs (incorporating an asynchronous master clock for low jitter), and a high resolution coax output. The I32 and PRE32 can be purchased with or without media upgrade. Primare Control Apps will be available for iPhone/iPad and Android.

Features:

External Inputs:

- 1 Coax input at 192kHz
- 3 Toslink inputs at 192kHz
- (1 antenna input for DAB or FM signals – future upgrade)
- 1 asynchronous USB-B input allowing playback of 192kHz audio from a computer
- 1 asynchronous USB-A input, allowing the device to play audio from USB/Iphone
- 1 Coax output transmitting at 192 kHz. Always connected to the active input source.

Inputs selectable from I32 and PRE32

Each input will have its default name, but can be renamed by the user (up to six characters) in the same way as any other input in the I32/PRE32 display architecture.

The inputs are selected using the C23 remote control or the front panel input selector switch.

- Coax input
- Toslink 1-3
- USB-B input (from computer USB interface)
- USB-A input, allowing the device to play audio from USB/Iphone
- MEDIA input – this input must be selected to play streaming media.
- DAB+/FM – (this is a future board upgrade)

The media module can be controlled by an external App:

- Switch to the MEDIA input
- Use either the Primare App (for Iphone®/Ipad®, or the Android version) or any generic UPnP App.
- Some features, like playing media from USB thumb drive, USB-connected Iphone, Ipod®, Ipad®, and playing vTuner, require the use of the Primare App.

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Network connection

The Media board can be connected to a wired or wireless network. Network settings can be found under general settings, and allow the user to:

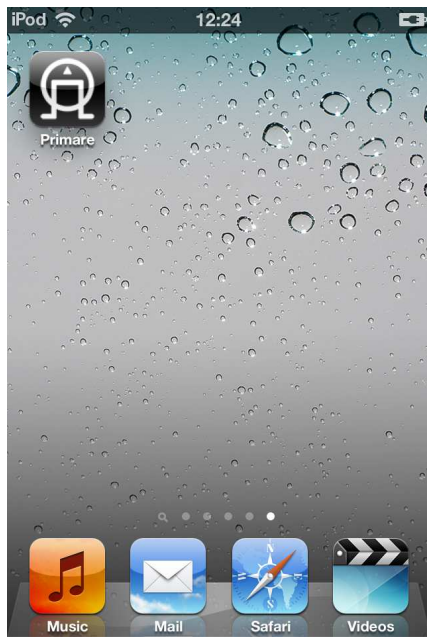
- scan for wireless networks
- explicitly name a network SSID
- Configure DHCP or Fixed IP

Using an App

To activate control by any App, switch the I32 or PRE32 to the MEDIA input.

The volume will be adjustable from MIN to the configured MAX setting on the I32/PRE32.

Using the Primare App



The Primare App will allow you to play music stored on your PC/Mac/NAS/Ipod/Ipad/Iphone/thumb drive attached to the USB-port.

The App will enable the user to select different input sources:

- USB input source (PC/Mac/NAS IPOD, IPAD, IPHONE or USB thumb drive)
- Radio Directory
- UPnP streaming server

When input source is selected, you will be able to browse the media using a normal category browse system, similar to other UPnP applications. You can browse for albums, artists, folders etc. (In the future, you will also be able to select other I32/PRE32 inputs)

The Primare App enables Internet Radio-station playback through the vTuner service.

(vTuner stationlist - <http://vtuner.com/setupapp/guide/asp/BrowseStations/startpage.asp>)

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When playing audio using the Primare app, information about the album, artist, audio format and current playback progress will be displayed to the user.

If available the app will also display album art. From the play view the user can play, pause, select previous or next song and control the volume of the I32 or PRE32.

A 'party-playlist' mode will enable the user to preselect and queue albums for subsequent playback.

Using a standard UPnP App

Any standard UPnP application on Android or Iphone/Ipad can be used to access the streaming functionality. However, while UPnP will allow you to browse a media server with playlists, tracks, album-art and transport controls, some features are not available (USB-drive, Ipod, Ipad, Iphone-USB devices). Also no radio is supported with a standard UPnP App.

Firmware upgrade

If a network connection is available, the Media Module can connect to a Primare server to download new firmware for both the Media Module and the PRE32 or I32. Firmware can also be upgraded using a USB flash memory.

Settings for firmware and upgrades can be accessed via the general settings menu of the I32 and PRE32.

Ends - December 6 2011