

# ControlBox™



## 3 in 1 product:

1. Home automation controller
2. Streaming digital media player
3. Interface device

The Superna ControlBox™ is a networking device that allows quick and easy installation of a Digital Home solution in any environment. Simply plug-in any appliance or system to your nearest ControlBox™, connect it to your wired or Wi-Fi network and you are ready to go. No other infrastructure is needed!

The Superna ControlBox™ offers you more than home control and automation. Use it to experience whole house digital audio and video distribution. Stream your digital Audio/Video files from any computer on the home network to any ControlBox™. Get it all in one product!

Use ConfigNet™, our desktop software, to easily configure and manage your Digital Home and personalize your automatically generated User Interfaces. Control and operate your ControlBox™ from various standard interface devices, such as PCs, PDAs, Televisions, or Touch Panels.

The Superna mission is to create standards-based software and hardware products that will make home automation accessible and affordable to everyone. Superna is committed to exceeding the expectations of our customers and to continuing our pioneering spirit by developing the latest products, systems, and services. With Superna, everything is under control!™

## Benefits and Features

### Home Control and Automation

- Provides connectors for all common types of household appliances or systems
- Communicates with Superna control and interface devices throughout your Digital Home
- Wired and Wi-Fi connectivity
- Converts any connected device into a UPnP™ compatible device
- Embedded browser enables use as an interface device

### Whole-House Digital Media Distribution

- Audio and video streaming of all major standard formats from any PC on the home network

- Simultaneous digital audio/video streams over the home network
- Customizable mixed-media playlists
- HD capable (selected models)

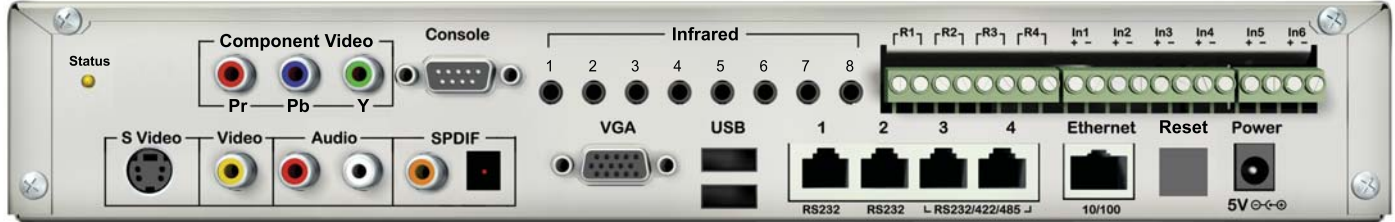
### Setup and Installation

- Easy placement in any home environment
- No need for infrastructure other than a home network
- Complete home automation setup within hours
- User interface customization to fit any interface device

 **Superna**  
everything is under control



ControlBox CB-101-S, CB-102HD-S Back Panel



ControlBox CB-104HD-S Back Panel

## Technical Specifications

<b>Model Number</b>	CB-101-S CB-102HD-S CB-104HD-S
<b>Processor</b>	SH4 Hitachi 7751R
<b>Memory</b>	128 MB SDRAM 100MHz
<b>Storage</b>	Onboard 64 MB flash memory IDE interface for hard drive
<b>Wired Connectivity</b>	1 10/100BaseT Ethernet 2 USB 2.0 connector 2 RS232, RJ45 connector 2 RS232/422/485, RJ45 connector 1 RS232 DB-9 serial connector 8 Infrared transmit, 3.5mm jack 6 General purpose inputs 4 Dry contact relay
<b>Wireless Connectivity</b>	Wi-Fi 802.11 b/g (Optional) 1 Infrared receiver
<b>Expansion Slot</b>	Standard 33MHz PCI slot Standard 32Bit CardBus slot USB
<b>Video Resolution</b>	PAL NTSC VGA HDTV (CB-102HD-S and CB-104HD-S only): 720p, 1080i, 1080p

<b>Media / Display</b>	Sigma Designs 8606L digital media processor (CB-101-S) Sigma Designs 8621L digital media processor (CB-102HD-S and CB-104HD-S)
<b>Video Connectivity</b>	S-video output Composite output VGA output S-video input (CB-101-S, CB-102HD-S only) Composite input (CB-101-S, CB-102HD-S only) Component output (CB-104HD-S only)
<b>Audio Connectivity</b>	Stereo output Stereo input (CB-101-S, CB-102HD-S only) SPDIF 5.1 Digital Coaxial output SPDIF 5.1 Digital Optical output
<b>Media Streaming Format</b>	WMA, MP3, WAV, ASF, FLUC, MPEG-4 AAC (Low Complexity, 5.1 channels) JPEG, GIF, PNG MPEG-2, MPEG-4, AVI, WMV, WMV9 (Sigma 8621L version only)
<b>Power</b>	5V, 3500 mA
<b>Dimensions</b>	2.2" x 13" x 8.6" (55mm x 330mm x 220mm)
<b>Operating System</b>	Linux



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