



## **MEDIA PLUG NETWORK APPLIANCE WITH EGLACAST**

The Media Plug Network Appliance allows you to distribute audio/video content for IPTV Systems and Cable/Satellite operators. You can distribute your content to any cable operator over the Internet



Model:

**MEDIA-PLUG-12-FULL-DMX2GO**

### **Components:**

- Gigabit Ethernet Network Input/Output
- Caching Unit – 2TB RAID with AMD Opteron, 4G of RAM
- Multicasting (Main) unit 1TB RAID with AMD Opteron and 8GB RAM
- Multicasting (Backup) unit 1TB RAID with AMD Opteron and 8GB of RAM
- 4U requirement in rack space
- Capacity for up to 100 audio channels @256Kbps or 10 HD video feeds at 2Mbps
- 230 Watts for Power per unit (3 units)
- Rack mounts with rails

### **Main features:**

- Fault-tolerant System
- Remote Access and monitoring
- Firewalled network to isolate network operator from internet
- Internet-based updates
- Support for multiple encoding formats and protocols
- RTSP, IGMPv2, IGMPv3 ,MPEG
- Encrypted Hard drive
- Loaded with DMX Media content (Up to 50 AC3 digitally mastered music channels)
- Real-time Monitoring for audio/video outputs
- Autonomous operation
- Playback of Audio/Video playlist
- Synchronization with EGLA MEDIA PLATFORM

### **Software Upgrades**

- Web-based background and HTML5 for still images with Audio
- Video Playback support SD, HD

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Patent Pending

## Power Requirements

- Three ports 110V, 2.3Amps
- Two ports 110V converter 12V, 1A
- 1 input 10/100/1000 Ethernet port with DHCP Internet
- 2 outputs GbE for main and backup

## Network

- Dynamic Host Configuration Protocol (DHCP) Server, DHCP Client, DHCP Relay Agent
- DHCP Server supports static IP address based on MAC address
- Domain Name System (DNS) Relay, Dynamic DNS (DynDNS, TZO)
- Network Address Translation (NAT): Port Address Translation (PAT), Network Address Port Translation (NAPT), Session Initial Protocol (SIP) Application Layer Gateway (ALG) support, NAT traversal
- Network edge software configurable on any IP address
- Internet separation using two independent networks

## Media

- Audio: MP3, AAC, AC3, MP2, OGG
- Video: H.264, MPEG-1/2, MPEG4, Theora, others require special license.

## Monitoring

- HTML5-based monitoring
- Network Layer2/3 Statistics

## Multicast Groups

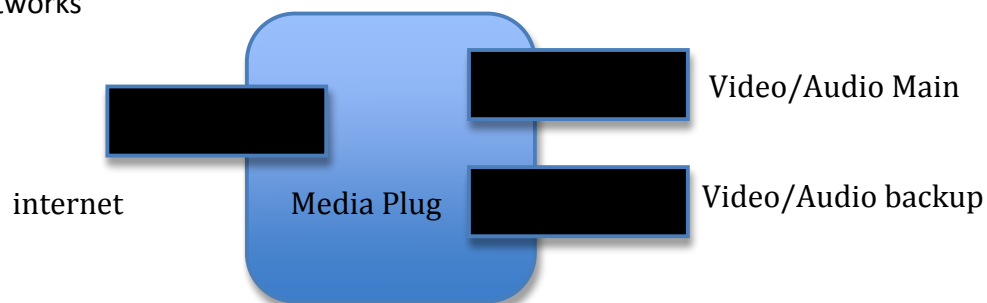
- Configurable, 1 per Channel, user-defined
- You may selected several channels in one multicast group

## Failover

- Backup unit available
- Failure in caching device is sustained
- Support for recorded playback in case of total failure

## Internet

- Synchronization with EGLA MEDIA PLATFORM via DSL/Cable Modem 1Mbps minimum
- MUSIC Playlist and Backgrounds available and controlled by user



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