

Profusion iS Networking Requirements

Device Specifications:

- RCA, Video, Composite, S-Video HDMI outputs.
- Network port.
- Mono output.
- 2-1 RCA & surge protected 3 Pin power cable included in pack.
- Plug in & play system.
- The Audio output from the ProFusion unit makes use of a single RCA output. A 2-1 RCA cable (supplied) can be used for the device to plug into various input sources via RCA (i.e. PA systems, Amplifiers and all devices that can accommodate an audio input).



Network Option:

DHCP

- A DHCP Address is assigned by default when plugged into a network connection.
- A Static IP address can be configured on the client's request.

Updates

- The ProFusion device is cloud managed and obtains its updates via the internet.
- The ProFusion device can obtain its updates using multiple ports and protocols in the transport layer of the internet transport suite.
- The Ports and Protocols supported on the ProFusion device is: **HTTP (Port 80 – Used for heartbeats) HTTPS (Port 443), FTP (Port 20 and 21 – Passive FTP), SFTP (Port 22)**
- The ProFusion iS supports heartbeat functionality, which allows near real time monitoring of connection status. Heartbeat functionality utilizes **HTTP (TCP port 80)** to connect.
- The IP Addresses and URL's used by DMX for outbound connections from the client are:
 - 66.150.6.130, 199.204.61.120
 - wdav-sea-colo-01.moodmedia.com and fm-wdav-01.moodmedia.com
- The devices can be configured to use any of these ports that the client requires.
- The ProFusion devices can be configured to make use of an update window that suites the client. By default, devices update automatically on a nightly basis. DMX can "force" an update remotely to any of your devices by using the heartbeat connectivity option.
- A client server option can be provided for clients that have more than 50 sites and would like to manage these devices internally.

Bandwidth:

- 64 Kbps is a minimum requirement for audio only transfers and 256 Kbps for visual transfers.
- The devices have been throttled at 64Kbps download speed by default. This value can be adjusted to meet the client requirements should they want to allow for higher bandwidth throughput.
- Audio only uses 3-6MB per connection and averages out at about 25MB per month depending on the music added for the particular styles chosen.