



Stockton 3

Intelligent Multi Channel Amplifier



Amplifier & System Controller

The Stockton 3 has been custom designed for commercial business applications, to provide simple, reliable amplification. It provides automated and manual control of up to 4 audio zones with independent level control. There is a unique feature of local IR remote control at each speaker location, and fire alarm connectivity to conform to fire regulations. This results in a truly unique product, the GlenSound Stockton 3.

- **Amplified control for up to 8 speakers across 4 output zones**
- **Simple tamper free usage for non technical operators**
- **Intelligent control for speaker EQ, DSP for silent switching, priority input switching, timed audio reset, Ethernet control and monitoring**
- **Industrial grade components for high quality 24/7 operation**
- **Low cost of ownership with extensive 10 year warranty**

Stockton 3

Intelligent Multichannel Amplifier



Key Features

Four Single Channel Amplifiers

The Stockton 3 provides an audio output to 4 different zones within the building. Each zone has its own separate volume level pre-programmed, and can be manually adjusted at the speaker location. Each zone can have two speakers connected to it, allowing up to 8 speakers to be driven from the Stockton 3.

Four Audio Sources With Priority Switching

The four inputs are DSP controlled and feature soft switching for gentle volume adjust. This means that there are no audio clicks or pops when inputs are switched. The 'input priority switching' feature allows for multilevel priorities to be automatically managed:

- 1 **Fire Alarm.** Any fire alarm announcement takes priority over all other audio
- 2 **Mic.** For in branch PA announcements. This would override adverts or the background audio
- 3 **Adverts.** Could be used for locally generated adverts or promos. This input would only override the background audio.
- 4 **Background audio.** A stereo summed or mono input for in store radio or CDs etc. The default input setting.

Speaker Options With Intelligent Configuration

There are three speaker options providing wall mount, soffit mount, and sealed cabinet loudspeakers from the leading manufacturers JBL and TOA. This gives you your preference of installation options based on each individual site and location allowing maximum flexibility. Each speaker is modified by GlenSound to allow automated setup and additional intelligent functionality, by installing a local infra red receiver in the speaker itself.

The Stockton 3 recognises which type of speaker is connected and adjusts the EQ setting to suit. A leading acoustician selected the speaker options after extensive market testing and then tailored the EQ settings for each speaker. This has given us the optimal cost / performance profile available.

Stockton 3 Speaker options



Soffit Mount



Sealed Cabinet



Ceiling Mount

Intelligent Speaker Control

The normal audio level for each of the 4 zones is preset for your application during configuration, and automatically resets at midnight everyday to ensure continuity. Users can adjust volume level within a pre-determined range, per zone. Level is adjusted in two ways:

- 1 Per zone via a simple 3 button infra red remote control (up/down/normal). One control independently adjusts all speakers with level adjusted by pointing at the relevant speaker. If two speakers are connected to one zone then the volume adjust will be for both speakers.
- 2 For all zones via an optional wall mounted remote control that fits into a standard dual gang back box. This features 3 buttons at three preset volume levels (determined in configuration), typically indicated as Busy, Normal and Quiet. This makes level adjustment very straightforward for non technical in branch staff.

Stockton 3 Remote Control



IR Remote



Wall Mounted Volume Panel



Ceiling Speaker Showing Glensound Conversion

Perfect For The Non Technical

The operation of the Stockton 3 is very straightforward, so that new or non technical staff will use it with ease. The only function they can control is volume up/down via the IR remote or wall mounted panel. All audio parameters are preset at the factory or via the installer. The audio level range available to the branch can be preset with maximum and minimum levels so that the level cannot be increased to unsafe levels. There are no front panel controls for tampering - only status indicators. And at the auto power on point every morning, the system performs a reset to normal levels so that you know it always starts at the right setting every day. Simple.

Remote Configuration Software

The Stockton 3 comes complete with remote configuration software - Stockton 3 Manager. This allows pre-setting of system parameters as follows:

General

For setting the time/date, and setting a daily on/off time for reduced power consumption. It also shows the status and location of all Ethernet connected Stockton 3 or Seattle 7 units

Inputs

For setting and monitoring the level control of each input. Also contains white/pink noise mask settings.

Mixer Output

For setting the preset levels of the wall mount controller. Sets default levels for each output zone along with individual calibration. Also allows setting minimum and maximum speaker volume limits.

Stockton 3 Manager



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10 Years Of Trouble Free Operation

The Stockton 3 includes an unconditional 10 year parts and labour warranty (RTB). Your initial purchase ensures 10 years peace of mind, with no further costs. Also included is 10 years telephone support should you ever have any questions.

Physical Points For Installation

- 19" wide, 3U rack mounting
- Convection cooling. Large heat sinks with no fans for silent running
- Speaker outputs on RJ45 connectors, using low cost CAT 5 cable for simple installation.
- Industrial balanced XLR audio inputs
- Daisy chain multiple Stockton 3 or Seattle 7 amplifiers for large installations
- Easily accessible fusing on rear panel
- CE & RoHS certified



Stockton 3 Front



Stockton 3 Rear



RoHS
COMPLIANT