

SOUND LEVEL LIMITER - CONTROLLER



EQLimit

- Non-volatile events storage over 4 months
- Two measurement inputs to control two different areas of a venue
- One third octave bands frequency analysis of audio control signal to compensate the isolation curve
- Accurate microphone in half inch tube for use with standard calibrators
- Interface software with level bars display in real time
- More digital controls of analog operations
- Complete logging of all parameters that defines the real activity of premise
- Export logging reports as Word, Excel or pdf files
- GPRS or Ethernet data transmission for remote control from any Internet access point
- Excellent sound even with high attenuation levels
- Balanced audio in&out
- USB connection
- Message priority input for connection to Fire Alarm or programmable gain reduction with external sensors as in door or windows opened, that reduce the volume

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MRC AUDIO EQLimit

- The **EQlimit** Sound Pressure Level Controller limits the full audio range in a global basis, or by 1/3 octave filters to compensate isolation curve.
- Balanced audio in&out.
- Audio circuitry designed with professional characteristics with the foresight that only the level will be limited, not the quality.
- Controls **60 dB** input range over limiting threshold.
- **Remembers the last gain attenuation**, thus maintaining the right level when music resumes from a blank even in tracks roll-over.
- **Global and steady Gain setup.** Adjust a permanent gain for all the chain, setting a max level even without dynamic control.
- Can use **two microphones** to control two different room points.
- Can use the **microphone** signal or audio **line output** as limit control source, thus avoiding crowd noise influences on the output level.
- Optional **remote level meter**, dB calibrated for visual control by sound operator.
- Allows programming on **21 different times and levels** over the seven days of the week.
- Can program **10 Special Duty periods** in which the unit allows different limiting parameters.
- **Continuous checking** for detecting any sound chain efficiency alteration.
- Checks and logs 3 types of alarms: **Level** (over max allowed level) **Mic** (Microphone unplugged) or **Efficiency** (If mic position is altered or damped).
- Rear utility **AUX input** mute and message priority from **Fire Alarm signal**.
- Stores on **non volatile memory** all the activity events in monitored premises with time and date stamp.
- Non-volatile memory registers are downloadable to laptop as **report or graphics** for further evaluation and printing.
- **Connectivity:** front panel **USB connection** to PC and rear panel **RS232 DB-9** for **GPRS/GSM** and **ETHERNET** socket. This allows remote checking of the unit including **SPL real time monitoring** from our server www.sicrel.net
- When any change in programming is made, the limiter records the user ID in the non-volatile memory to identify user that has accessed the limiter.
- Measurement microphone of 1/2" size, class2 as UNE61672
- Embedded **Pink Noise generator**.
- Certified by [AT4Wireless](http://AT4Wireless.com). Complies with CE mark in Electrical Security and Electromagnetic Compatibility Rules.

Manufacturer reserves the right of any changes to improve design without prior notice

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