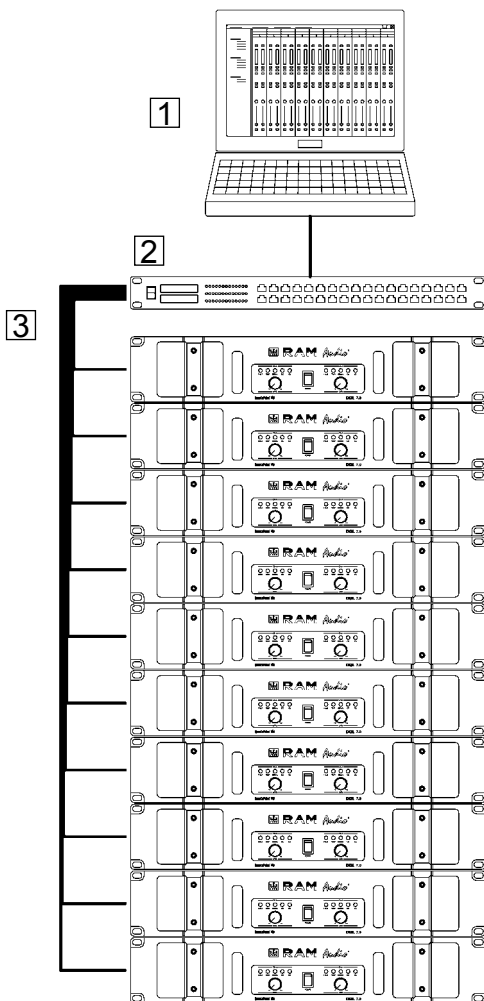


EtheRAM is a control system which permits, with just a computer, the control and monitoring of an installed group of DQL Power Amps, connected to a standard EtherNet LAN (local area network). The system can be used to switch-on remotely the amplifiers as well as to control their output levels, it can also be used as a monitoring system for all the DQX Amps parameters. Finally, it can be used as a diagnosis tool to visualize the status of any acoustic system connected to the Amps. The EtheRAM Control software, installed in any Windows system, permits the visualization and control of more than a hundred amps in real time, with a simple connection to a wired or a wireless EtherNet LAN. The system can be integrated in any existing EtherNet LAN and does not require any other external device to function. In other words, the system does not need any exclusive or specific network installation. Each Power Amp network-ready includes a DataCom port with a RJ45 connector, through which the amp is connected to the EtherNet LAN via a standard switch.



### EtheRAM Amplifier Control components:

- (1) System Controller: PC Windows system and EtheRAM Control software.
- (2) Ethernet LAN Switch (100MB Standard)
- (3) Ethernet cables (Standard UTP-Cat 5 RJ45 ended)

### Input Control and Monitoring:

- Input sensitivity selected: 26-33-39dB
- Pre/Post-fader signal level metering
- Pre/Post-fader signal monitoring
- Front panel level knob position monitoring
- Level control
- Level monitoring (dB)
- Mute control
- Solo control

### Load Monitoring:

- Open/shorted load detection
- Adjustable threshold for detecting load opens and shorts
- Real time average impedance measurement

### Other Features:

Log file report (On/Stby/Off mode, Fault, Temp, excessive Clip, incorrect load), 10 direct presets, Passwords manager, amplifier groups tree visualization, sequential turn-on, 4 visualization modes, off-line operation option, instant emergency alarm visualization (Standby/Off, Fault, Temp, low gain, mismatch load, mute, solo)

### Output Monitoring:

- Output voltage and current metering
- Output power metering
- Output Clip monitoring
- Headroom metering
- Output signal monitoring

### General Parameters:

- On/Stby control mode selection
- Supply mode indication (Off/Stby/On)
- Fault status monitoring
- Temp protection status monitoring
- Operating temperature metering
- Model indication
- SN° indication
- User-writable main reference
- User-writable channel references

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