

ATS1510

AUDIO CONTROL BOARD 8 AREAS

Product Overview

The ATS1510 is an 8 way audio control board for Audio Listen-in and audio alarm verification.

8 microphones RD3000AGC can be connected to the unit with maximum distance of 25m.

For an optimal result, especially with distances above 25 m, an audio mixer board (RD3300) is needed.

A maximum of 16 areas can be controlled with full expansion. The ATS1510 allows event reporting including audio information used to verify alarms by providing both live and recorded audio.

Inputs and Areas

The 8 audio inputs can be assigned to the first 8 areas of the ATS panel. The 8 audio inputs of a second ATS1510 (not available for ATS2000/3000) can be assigned to areas 9 - 16 of the ATS panel. Recorded audio is only available for armed areas.

Pre-recorded and Live Audio

Recorded audio contains 15 seconds of audio information before and 15 seconds after an alarm has occurred.

The Monitoring Station can extend live audio listen-in up to 180 seconds.

Audio Connections and additional Features

Audio information is picked up by the RD3000AGC microphones and wired to the ATS1510 through RD3300 mixers.

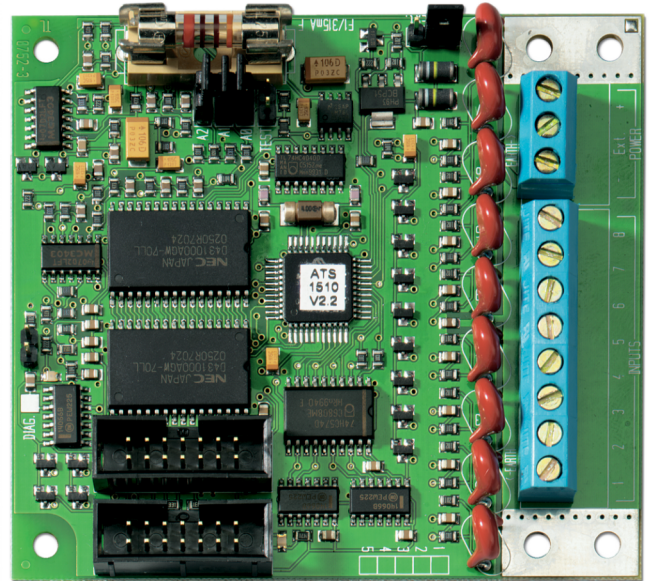
It is advisable to use the RD3300 mixer when the microphone cable distance is more than 25 metres and/or more than one microphone per area is required. For maintenance purposes, a headphone can be connected to check audio levels.

Microphone Positioning

The RD3000AGC has an Automatic Gain Control, which varies the sensitivity of the microphone depending on the ambient sound level. This allows greater sensitivity in quiet environments (i.e. an office at night) while also allowing undistorted transmission of loud sounds. For providing an even coverage for an entire building should be used multiple microphones. The microphones should be positioned at least 2.5m from the floor, clear of anything that would significantly reduce or muffle the sound reaching the microphone. This will ensure clear and even coverage of the monitored area and reduces the possibility of tampering. The microphones have an effective range of up to 10 or 20m. The microphones should not be positioned near air-conditioning units, extractor fans etc., which can significantly mask other sounds in a room.

Cabling

To meet CE requirements the cable connected between the Audio Mixer RD3300 and the Audio Controller board ATS1510 MUST be a



Details

- Operates with X-SIA only
- Integrated alarm and audio verification
- Programmable per Input / Areas, supports up to 16 Areas
- Pre-recording audio 15 seconds before alarm
- Live listen-in after an alarm (max. 180 seconds)
- Microphones provided with Automatic Gain Control
- Mixer board available for extending number microphones per area

screened cable. The screen should be connected to the ground.

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AUDIO CONTROL BOARD 8 AREAS

Technical specifications

General

Product line ATS Master

Network

Communicator type Voice / audio

Electrical

Power supply value 12 V DC via ribbon cable

Physical

Physical dimensions 90 x 80 x 20 mm

Net weight 136 g

Environmental

Operating temperature 10 to +50°C

Power supply

12 V DC via ribbon cable

(from control panel or from external source)

Output current to mixers/microphones

Max. 250 mA

Current consumption

15 - 23 mA

Recording capacity

15 seconds before and 15 seconds after alarm

Dimensions

90 mm x 80 mm x 20 mm

Weight

136 gr.

Temperature

10°C to +50°C

Automatic gain control during recording

Yes

