Event & Audio Recorder **AR1400**
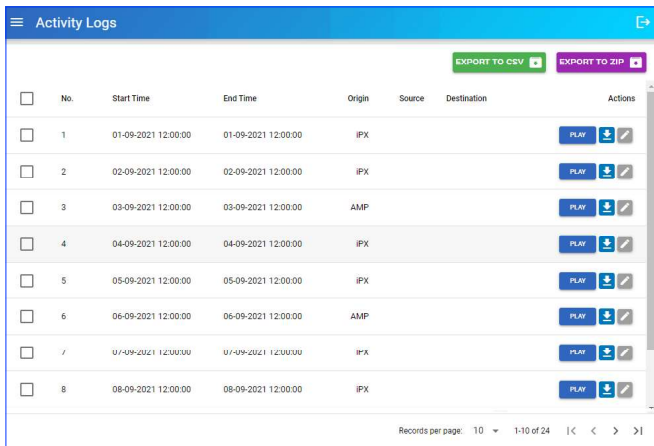
preliminary information

new

AR1400 is a dual purpose machine, which serves as an event logging device as well as audio recorder. Activities or events running in the system shall be logged with time stamps and the announcement audio shall be recorded accordingly. This is to provide evidence if there is any disputes raised.

It shall record analogue audio during normal paging, emergency paging mic as well as in IP paging. With the large memory banks, hundreds of hours of audio recordings can be stored.
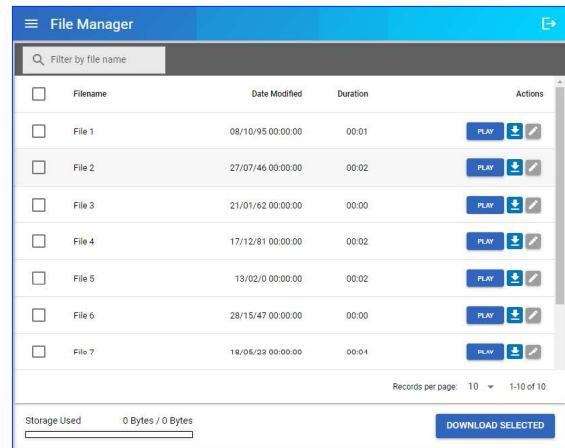
Apart from application in PA, it can also be used to record audio via Aux input, such as recording audio from conference systems and meetings.

Features

- LAN connectivity for ease of setup and controls
- Simultaneous recording for 2 analogue inputs
- Compatible with Amperes IP paging audio recording
- 32 GB of memory for hundreds of hours of recordings
- RS485 data port for external controls
- World clock synchronization
- Report generation to CSV file
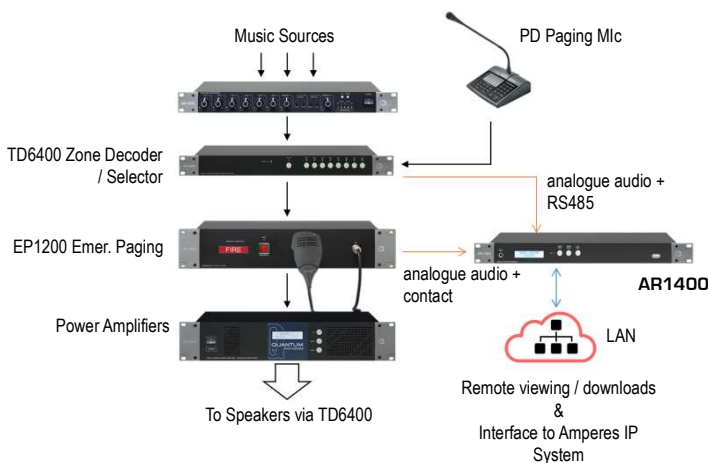- Access through web browser for setup and file retrieve

Activities shall be monitored and recorded with time stamp, which can be easily downloaded or export the logs into CSV files

File manager section which enable recorded audios to be downloaded to PC

Application Schematic

The above shows one of the possible application schematics to record voice normal and emergency paging by AR1400.

Technical Specifications

Input voltage	24 V DC ; 1 A
Power consumption (all triggered)	2.1 W ; (0.09 A)
Input channels	3 (including iPX)
PMX record initiation	Via iPX5101
Analogue input record initiation	Dry contact and RS485
Input level	Line : Balanced Max +4dBU
Output contacts	1
Storage media	32 GB
Recording duration	500 hours
Recording format	WAV, MP3
Indicators	LCD display
Communications	RS485 ; 19.2 kbps
	LAN 10/100 Base T
User interface	Web browser : Google, Firefox
Dimensions	482 x 44 x 180 mm
Weight	1.9 kg

Packing information

Carton size : 555 (L) x 295 (W) x 95 (H) mm
Gross weight : 2.55 kg
1 unit per carton

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