

# AR1400

## Event and Audio Recorder

## INPUT SOURCES & CONTROLS



**AR1400** is a dual purpose recording device, as an event logger and audio recorder. Activities or events running in the system shall be logged with time stamps and audio recorded which can be used as evidence for any dispute in regards to paging announcement.

It can be used in conventional PA system for analogue / digital records for paging mic activity, message playback or emergency paging. AR1400 is also readily to be employed in Amperes iPX system, to record up to 3 simultaneous iPX activity.

- **Web technology** for convenience of setup and controls via browser
- Simultaneous recording for **2 analogue inputs**
- Compatible with **Amperes iPX** paging audio recordings
- **32 GB** of memory for hundreds of recording hours
- **World clock** synchronization
- **Report** generation to CSV file
- **RS485** port for external controls

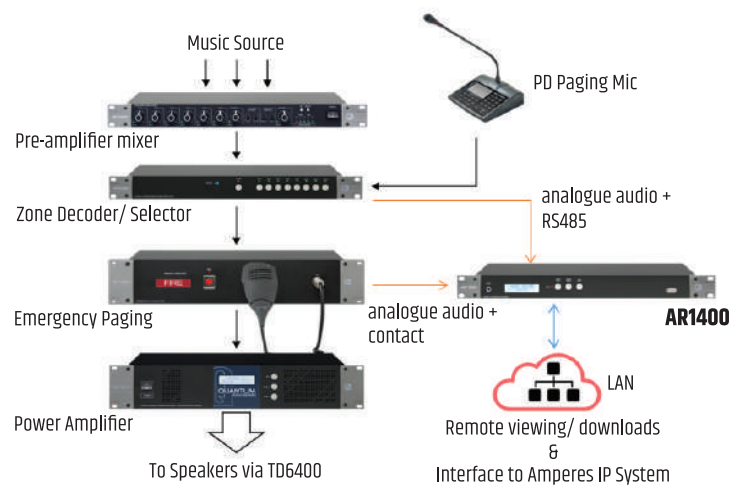
Activity logs are available for both conventional and iPX system

| Start Time          | Duration (Seconds) | Call Type    | Origin    | Priority | Zones    | Actions |
|---------------------|--------------------|--------------|-----------|----------|----------|---------|
| 31/10/2022 09:30:23 | 8                  |              |           | Highest  | All Call | PLAY    |
| 31/10/2022 09:30:24 | 8                  | MSG Recorder | MR #1     |          | MSG 1    | PLAY    |
| 31/10/2022 09:30:19 | 4                  |              |           | Highest  | All Call | PLAY    |
| 31/10/2022 09:30:11 | 3                  | MSG Recorder | MR #1     |          | MSG 6    | PLAY    |
| 31/10/2022 09:30:09 | 5                  |              |           | Highest  | All Call | PLAY    |
| 31/10/2022 09:30:06 | 8                  |              |           | Highest  | All Call | PLAY    |
| 28/10/2022 11:14:52 | 30                 | Paging       | FD1345 #1 | 1        | All Call | PLAY    |
| 28/10/2022 11:14:21 | 8                  | Paging       | FD1345 #1 | 1        | 1        | PLAY    |

File manager UI, allows direct playback of recorded voice file

| Filename              | Date Created        | Duration | Actions |
|-----------------------|---------------------|----------|---------|
| UMER20221028100837(2) | 28/10/2022 10:08:37 | 166:55   | PLAY    |
| UMER20221028100831(1) | 28/10/2022 10:08:31 | 184:41   | PLAY    |
| AMP20221028111452     | 28/10/2022 11:14:52 | 00:16    | PLAY    |
| AMP20221028111421     | 28/10/2022 11:14:21 | 00:08    | PLAY    |
| AMP20221028103701     | 28/10/2022 10:37:01 | 00:06    | PLAY    |
| AMP20221028103614     | 28/10/2022 10:36:14 | 00:08    | PLAY    |

### Application Schematic



### Technical Specifications

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Input voltage                     | 24V DC                                |
| Power consumption (all triggered) | 2.1W; (0.09A)                         |
| Input channels                    | 3 (including iPX)                     |
| PMX record initiation             | Via iPX5101                           |
| Analogue input record initiation  | Dry contact and RS485                 |
| Input level                       | Line: Balanced Max +4 dBu             |
| Output controls                   | 1                                     |
| Storage media                     | 32GB Internal SD card                 |
| Recording duration                | 500 hours                             |
| Recording format                  | WAV, MP3                              |
| Indicators                        | LCD display                           |
| Communications                    | RS485; 19.2 kbps<br>LAN 10/100 Base T |
| User interfaces                   | Web browser: Google v90+              |
| Dimensions (W x H x D)            | 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

