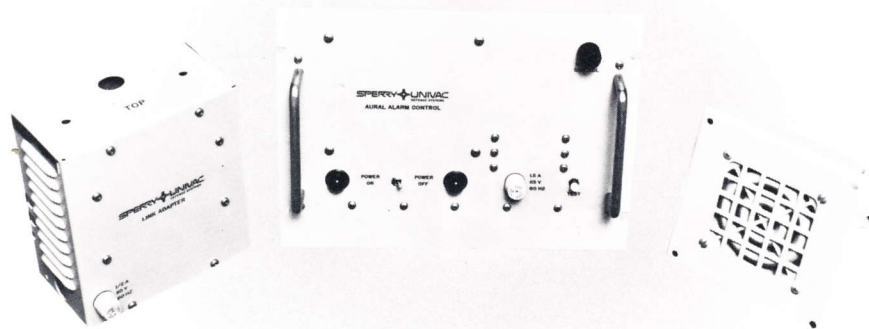


## RECOVERY ALARM (RALM)

FAA TYPE FA-8314

- Provides a distinct audible alarm in the event of a system recovery
- Capable of being activated up to 500 feet from processors
- Drives up to six speakers
- Compact design can be mounted on desk top or wall
- Designed for implementing in multiprocessor environment
- Provides a redundant, or secondary, notification of reconfiguration in conjunction with the Reconfiguration and Fault Detection Unit (RFDU) alarm.



### APPLICATIONS

- Air Traffic Control Systems
- Auxiliary output for RFDU alarm

## FEATURES

### GENERAL

Recovery Alarm (RALM) is an ARTS system enhancement which provides an audible notification of system recovery. The RALM is activated by a system scatter interrupt which causes the alarm to produce a buzzer sound for approximately 5 seconds. The RALM consists of an interconnecting cable assembly, an Aural Alarm Control Unit (AACU), and up to six speakers which are cabled to the AACU.

### AURAL ALARM CONTROL UNIT (AACU)

- Self-contained power supply
- Tone generated for 450 Hz  $\pm$  50 Hz audio tone
- Volume adjustment
- Amplifiers contained on printed circuit cards
- Activating input from multiprocessor system
- 5 second alarm time
- 6 audio connectors for connecting speakers
- Speaker driver card drives two speakers up to 500 feet

Maximum of three speaker driver cards allows driving up to six speakers

### SPEAKER ASSEMBLY

- Wall or desk mounted
- Protective grill

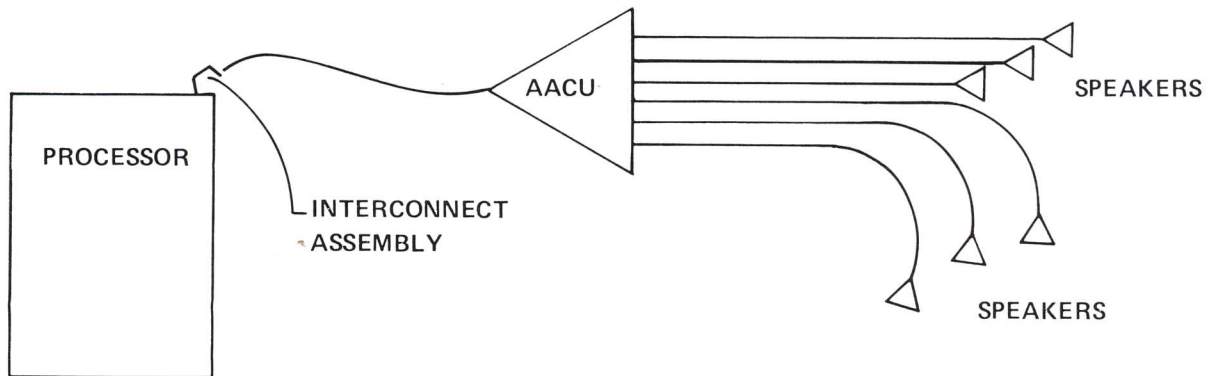
### PHYSICAL CHARACTERISTICS

#### AACU

- Power: 120 VAC, 60 Hz, single phase
- Operating temperature: 60<sup>o</sup> to 90<sup>o</sup>F
- Height – 9 inches
- Width – 12 inches
- Depth – 6 inches
- Weight: 8 pounds

#### SPEAKER

- Mounted in protective core
- Weight: 4 pounds



RALM CONNECTION DIAGRAM