

## V-9964 Digital Feedback Eliminator/Message Stacker

### General Design

The V-9964 is designed to eliminate acoustic feedback and act as a message stacker. When a page is made, the message is digitized and saved. Upon completion of the live page, the message is released for broadcast over the speakers. While a message is being broadcast, a second message may be recorded. Additionally, up to four V-9964 units may be chained together to allow up to eight messages to be simultaneously processed.



### Specifications

#### Features

- Automatic Gain Control (AGC)
- Adjustable VOX sensitivity
- Compatible with Valcom Multi-Zone Control Units and Station Adaptors
- Two input channels: Switch selectable primary and priority, or two channels with equal priority; both inputs are switch selectable for Loop Start or VOX operation
- Two audio outputs:  
600 Ohms with loop supervision to a page control unit or 8 Ohms line level output to amplified speakers
- Background music input
- Total of three normally open relay contacts for PLAY, RECORD and BUSY modes (one contact each)
- LED status indicators for POWER, RECORD, PLAY and BUSY
- Dip switch option programming
- Message abort feature

#### Access

- Vacant Loop Start Trunk Port or C. O. Line Port
- Page Port
- Line Level Audio Feed
- An adaptor is required for C. O. Line or Station access (see V-9970 or V-9940)

#### Dimensions/Weight

- 11.76" H x 7.10" W x 1.72" D  
(29.87cm H x 18.03cm W x 4.37cm D)
- 2.6 lbs. ( 1.18Kg )

#### Nominal Specifications

Power requirement: 24VDC 200mA filtered  
Input impedance: 600 Ohms  
Input level: -10dBm  
Loop Output impedance: 600 Ohms  
Line Output impedance: 8 Ohms  
Output level: -10dBm  
VOX sensitivity: -20dBm to -35dBm  
Message release time: 3 seconds after  
last sensed audio  
Maximum recorded page time: 60 seconds  
(30 seconds per page in call stacker mode)  
Frequency response:  
Page 80Hz to 7kHz  
Background Music 50Hz to 17kHz

#### Environment

Temperature: 0 to +40°C  
+32 to +104°F  
Humidity: 0 to 80% non-precipitating