



Votrax®

Vocal Interface Division Federal Screw Works
500 Stephenson Highway, Troy, Michigan 48084
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**A Family of Limited Vocabulary Voice
Units for Avionics Instrumentation**

- Ground Proximity Warning
- Area Navigation
- Vertical Navigation

A new family of voice response units makes low cost audio available for use in avionics. These voice response products use digital storage of human speech to give speech output in several useful configurations.

- LV-11 SERIES:** An expandable voice unit which can provide over 10 seconds of speech and from one to eight discrete messages.
- LV-21 SERIES:** A single phrase voice unit which can provide up to 1.33 seconds of speech.
- LV-31 SERIES:** An expandable voice unit with the same message capabilities as the LV-11, plus self-contained amplifier, modulated tone alarm.
- LV-41 SERIES:** An expandable voice unit with the same message capabilities as the LV-11, plus self-contained amplifier, modulated tone alarm and power supply.

This new family of voice response units is available featuring:

- Solid state design
- Custom packaging
- Custom messages
- Any speaker's voice
- Any language
- Custom speech rate
- Custom speech tone

SPECIFICATIONS

Phrase length: Up to 1.33 seconds

Power Requirements: \pm 5 volts and -12 volts, except LV-41 Series which has its own supply.

Temperature: -15°C to 71°C, extended range available

<u>Model</u>	<u>Message Capability</u>	<u>Modulated Tone Alarm ("Whoop- Whoop")</u>	<u>Amplifier</u>	<u>Power Supply</u>
LV-11 to 18	Expandable one to eight messages of up to 1.33 sec. duration each.	No	No	No
LV-21	Non-expandable one message of up to 1.33 sec. duration	No	No	No
LV-31 to 38	Expandable one to eight messages of up to 1.33 sec. duration each.	Yes	Yes	No
LV-41 to 48	Expandable one to eight messages of up to 1.33 sec. duration each.	Yes	Yes	Yes

These and other Vocal Interface voice response products can help with critical design and delivery problems. Contact your nearest Vocal Interface representative for details about including these new products in your design.

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