THUNDER EAGLE, INC.
Wireless Alerting Systems

Send Weather and Emergency Alert Messages to Public Address Systems by Telephone with Thunder Eagle's Telephone Interface 100™

The Telephone Interface 100™ (TI-100) is a versatile, easy to use, logic and audio interface between the Weather Eagle® 110 - Alert Eagle® 120 or Weather Eagle® 105 - Alert Eagle®400 and the customer's dial in public address system and telephone system. LEDs show the status of interface functions, including power, off-hook, dial and detection of audio into the unit. Switches control the menu, reset and test modes. The unit can be user-configured with the phone number to dial when an alert is received. The length of time that audio is played on the telephone or public address system is also user-settable.

When a weather or emergency alert is received:
- The AE120 / AE400 determines whether there is a match of event and location.
- Upon a valid matched alert, the AE120 / AE400 activates the TI-100.
- The TI-100, which is connected to an analog (POTS) line, goes off hook.
- The TI-100 pauses one second for call set up.
- The TI-100 dials the pre-set DTMF digits.
- The TI-100 pauses one second for call set up.
- The TI-100 connects the live weather alert audio to the phone line / public address system.
- The TI-100 waits for the pre-set amount of time (normally 60-90 seconds).
- The TI-100 hangs up the phone.

The last audio alert is also digitally recorded in the WE110 or WE105 for later playback and alert verification. The TI-100 has a FCC part 68 pre-approved telephone interface module. DTMF levels and audio levels are user adjustable.