

ORDERING INFORMATION

TYPE	PART NUMBER	DESCRIPTION
TAI	557-047096	AUDIO INTERFACE MODULE
TAIX	557-047097	TRANSPONDER AUDIO INTERFACE EXTENDER MODULE

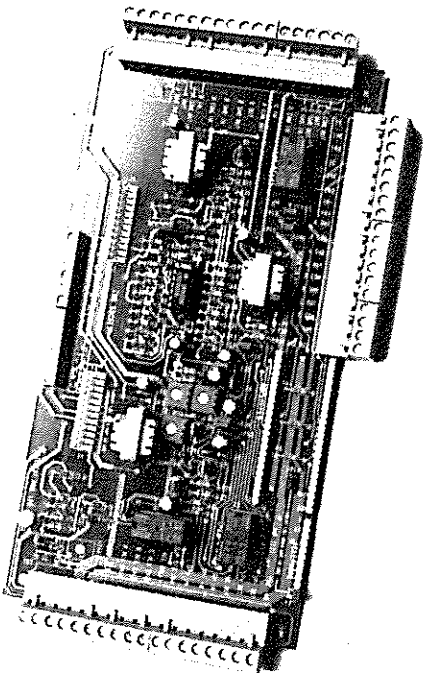


Audio Interface/Extender Module  
TAI/TAIX

ENGINEER AND ARCHITECT SPECIFICATIONS

Features

- Easy interface of Q40,Q75 and telephone audio components
- Built in backup tone generators
- Socket for optional plug in board
- On board calibration tone
- Lamp test
- 1 form "C" trouble relay
- 1 -24VDC trouble output
- 1 Auxiliary DPDT relay
- Pluggable screw terminal blocks
- 1 placement trouble LED
- TAIX Provides easy extension of TAI connections to the next cabinet



Description

The Transponder Audio Interface (TAI) module connects all the audio components together and provides supervision for all the transponder modules.

The TAI enables easy interfacing of the transponder audio modules to the "Central Voice" system. The on board ZMB socket is supervised for presence as well as for board trouble. The "logic" power for all the audio components is distributed by the TAI through the Amplifier and Telephone daisy chains. Besides field wiring interfacing, the TAI also provides easy connections to the local audio logic. All the terminals are clearly labelled to facilitate engineering and testing.

The TAI has built-in tone generators that provide backup as a fail safe option.

The tone gains may be adjusted with three on board potentiometers. A jumper provides a simple means of creating a lamp test for all the connected modules. A form "C" relay and a soft -24VDC output are activated when the common trouble bus is active. The TAI has an on board placement circuit that activates an led and a trouble, when a module is disconnected from one of the daisy chains or the ZMB socket. A DPDT auxiliary relay is available and may be configured as completely independent, positive activation or negative activation. The Transponder Audio Interface Extender (TAIX) provides an easy extension of the TAI's wiring to the next cabinet. The TAI and the TAIX require one module space each.



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Notice: The use of other than Cerberus Pyrotronics detectors and bases with Cerberus Pyrotronics control equipment will be considered a misapplication of Cerberus Pyrotronics equipment and as such void all warranties either expressed or implied with regards to loss, damage liabilities and/or service problems.

01/93

Technical Information

Input Voltage:	20-30 VDC	Tone Generator outputs:	one 20 ppm @ 1 Khz up to 2V pkpk One 120 ppm @ 1 Khz up to 2V pkpk One 1 Khz steady tone up to 2V pkpk
Supply Current:	80 mA (Add 100mA if soft (-) is used) this does not include current draw per daisy chain module.	Relays:	K1 trouble relay form "C", 150 VDC, 125 VAC, 2A K2 auxiliary relay DPDT, 150 VDC, 125 VAC, 2A
Space Required:	one module space on CAN4 chassis		
Max Amplifiers Connected:	50		

