

ARi-195e ANI-Status Display Console

Features

- EIGHT DIGIT LED DISPLAY
- DTMF, 5 -TONE SEQUENTIAL/USER DEFINED TONE SIGNALING
- ANI AND STATUS DISPLAY
- CALL QUEUE LED INDICATION
- OUTPUT FOR MULTI CHANNEL EASY-DISPATCH SOFTWARE
- NEXT CALL, CANCEL ALERT, AND SPEAKER ON-OFF
- MUTING OF TONES TO PREVENT DISPATCHER ANNOYANCE
- REAL TIME - DATE CLOCK DISPLAY
- COMPATIBLE WITH CES ARi-100 MOBILE ENCODER

Benefits

- PROVIDES RAPID VISUAL IDENTIFICATION OF USERS
- IDENTIFY AND TIME RECORD CHANNEL ABUSERS
- PRIORITIZE INCOMING CALLS
- TRACK EMERGENCY AND STATUS CALLS
- REDUCE CHANNEL TRAFFIC AND CALL LENGTH
- ELIMINATE UNWANTED CALLS
- PROVIDE A FAST AND EFFICIENT DISPATCH CAPABILITY
- REDUCE DISPATCH STRESS
- PRINT OR EXPORT DATA FOR PERMANENT RECORD
- ANALYSES DATA FOR MANAGEMENT PURPOSES



Introduction

The CES Model ARi-195e is an advanced desktop ANI/Status decoder and display console featuring intelligent messaging capabilities that works with your existing mobile radio system. The unit is compatible with DTMF, 5-Tone, and *n-Tone* (user definable tone frequencies).

The ARi-195e will display valid tone sequences transmitted by mobiles fitted with compatible signaling modules, like the CES ARi-100. The base operator can view these tone sequences as vehicle identity numbers, which are also stored in memory for later retrieval. The ARi-195e provides a means of identifying both mobiles and portables in the field, and can be used in numerous types of fleet operations such as fleet ANI, police / public safety, taxi, ambulance, delivery or any application requiring instantaneous unit identification.

The unit has a parallel port which allows for the connection of a printer and a serial port to interface to a PC using the CES easy-DISPATCH software system.

Many other compatible non-CES dispatch systems can also be used with the ARi-195e console.

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Features

- √ Attractive desk top design
- √ Eight digit 7 segment LED display
- √ ANI and status display
- √ Clock display and date function
- √ Call queue LED
- √ Three programmable status decode sequences
- √ Three operator keys labeled "next call," "cancel alert" and "speaker on/off"
- √ Emergency protocol
- √ Reverse polarity protection
- √ External alert relay
- √ First in/First out, or Last in/First out display format
- √ 5-Tone sequential, DTMF, and *n*-tone formats
- √ Parallel and serial ports
- √ Alert outputs
- √ Conventional and trunking radio compatible
- √ Real Time Stamping of incoming messages
- √ Balanced and unbalanced audio input
- √ Suppress timer to prevent duplicates within a programmable time period
- √ Tone blanking and optional audio delay technology supported (CES model number VAD-1 or VAD -8).

Programmable Features

- √ Programmable using an internal keypad
- √ PTT polarity is programmable
- √ Alert tone sequences can be generated for three events: Normal call, Autocall, and Emergency tone sequence decodes. Each of these events has a unique alert tone.
- √ The internal clock is set using the panel-mounted control buttons
- √ The call queue size can be adjusted from 1 to 20 calls
- √ The RS232 port is designed to allow connection to a serial printer or computer, parameters of the port are programmable
- √ Tone decode formats (DTMF, 5-Tone, *n*-Tone) and associated parameters (precode, sequence, inter-tone, string length, etc.) are programmable

Specifications

Power	8 to 35 Volts dc, 1 amp fused reverse polarity protected	Interfaces:	Serial - Format programmable Parallel - STD Centronics
Current:	280mA	PTT In	100k Impedance, -35to35 Volts
Dimensions:	8.75 in. x 6.0 in. x 2.0 in.	Speaker Enable	Open collector, no pull up
Weight:	< 2lbs	Alert Tone	67k Impedance output
Tone Formats:	DTMF, Tone Sequential, User defined	Alert Relay	Connect external alert
Tone Timings:	Minimum 20ms, Maximum 100ms	Speaker Mute	N.O. and N.C. outputs are provided
Bandwidth:	+/- 20Hz	Receive Audio	High Impedance (67k) unbalanced and Low Impedance (600) transformer coupled inputs are provided
Tone Input:	Adjustable 1-5V P-P		
Dynamic range:	>25dB		
Alert Tone:	0-5V P-P		