

i-Talk Voice Message Module



Part Nos.

Standard i-Talk Module: ENG44-0002A

Key Features

Dual Voltage

Messages and Rules engine are extracted from an SD data card.

CD quality audio output.

Compatible with 2 x CAN 2.0B networks.

8 additional digital inputs to microprocessor for hardwiring to speech trigger.

2 x separate 5W Audio output channels selectable from firmware for speech.

Up to 64 messages available.

Compatible with Intellitec PMC.

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About.

Intellitec's i-Talk Voice Message Module is a dual voltage (12 & 24V) programmable unit specifically designed to deliver passenger or driver information messages in a wide variety of applications, such as PSV's, Emergency Service or Commercial vehicles.

Compatible with Intellitec's PMC system, the unit is capable of storing up to 64 CD quality separate messages via an interchangeable SD card.

Easily re-configureable by the user. Simply record WAV files on a PC then load to the SD memory.

2 x speaker outputs to 2 locations & potentiometer based volume control for each audio output.

Designed to be mounted within the interior of the vehicle & directly connected to the electrical system. Its circuitry is protected against electrical surge and transient conditions, in addition high voltages caused by "load dump" will not cause damage to the unit.

Compatible with 2 x CAN 2.0B networks, the unit also features 8 additional digital inputs to the microprocessor for hardwiring and two separate 5W Audio output channels selectable from firmware for speech



Dimensions

183 X 87 X 28 mm

Weight

493 Grammes

Example WAV messages:

- 1 "CCTV deactivated"
- 2 "Timer Cancelled "
- 3 "Extreme Caution Rear Door open "
- 4 "Extreme Caution Side Door Open"
- 5 "Extreme Caution Cab Door Open "
- 6 "Extreme Caution Ramp Deployed "
- 7 "Extreme Caution side step Deployed "
- 8 "Warning Chassis Battery Low. Start engine Immediately"
- 9 "Warning auxillary Battery Low. Start engine Immediately"
- 10 "Warning Comms Battery Low. Start Engine Immediately"
- 11 "Auxillary Load Shedding Stage 1"
- 12 "Auxillary Load Shedding Stage 2"
- 13 "Auxillary Load Shedding Stage 3"
- 14 "Vehicle Pre Check OK"
- 15 "999 Mode Active"
- 16 "Arrive at Scene Mode Active"
- 17 "Cancel All"
- 18 "Electrical system Fault"
- 19 "Leave Scene Mode Active"
- 20 "Arrive Hospital Mode Active"
- 21 "Vehicle Pre Check mode Active"
- 22 "Attendant requires assistance! Warning CCTV in operation, you are being recorded"
- 23 "Please place vehicle on charge"
- 24 "Battery charging fault"

i-Talk Technical Specifications

Minimum operating voltage:	10V
Nominal operating voltage range:	12-30V
Maximum operating voltage:	36V
Trip out voltage with auto recovery:	39.5V
Dropout voltage:	7.5V
Short term overvoltage protection.	+45V
Reverse polarity protection.	-45V
Standby current, 12V:	145mA
Standby current, 24V:	85mA
Peak current, max draw: @ 12V :	1.50 Amps (fuse at T2A)
Peak current, max draw: @ 24V :	0.75 Amps (fuse at T1A)
<i>Note: Unit has internal 2.5A thermal fuse (after VDR)</i>	
Speaker wattage output (RMS per channel):	Max 4.5Watts
Speaker impedance matching resistance:	8 Ohms
Temperature operating range:	(ambient) -20 to +50 degrees

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