Cig-Arrête Stand-Alone Module (Part No CSA-GDV)

Description

The new stand alone detector with integral voice sounder does not require any additional products, but can be connect to other products in the Cig-Arrête product range as a Master Unit

The module requires the insertion of 4 x AA size batteries or alternatively 1 x 9V PP3 battery. Or may be powered bu a power supply when used with optional CSA-DBD The module is fixed to the ceiling of the area to be protected by 2 screws and quite simply monitors the environment from this point on.

Coverage area approx 3m x 3m x 3m   **Multi-Lingual Product**
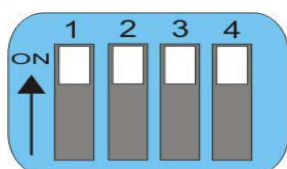
Installation

By default the stand alone module is factory set to DIP switch 2 and 8 in the ON position. (see table below for configuration)

Voice Message No 1 –	"This is a no smoking area. Please extinguish your cigarette. Staff have been contacted."
Full volume	Adjustable via potentiometer
1 message Play -	(DIP Switch 3 and 4 OFF)
Set for 4 x AA batteries -	The preferred battery size due to longevity of the product (DIP Switch 8 ON)

Battery Operation Instructions

Remove detector head, by rotating anti-clockwise. Remove battery holder from the rear of detector. Insert 4 x good quality AA alkaline batteries into battery holder - observing polarity and replace holder (or 1 x 9V PP3 battery) . Fix to ceiling using appropriate fixing screws. Either accept factory default settings or configure as required and refit detector head and lock into position using anti-tamper screwdriver. Fit anti-vandal cage (part no. CSA-AVC2) if additional protection is considered necessary.

AFTER POWERING THE SYSTEM PLEASE WAIT UNTIL THE DETECTOR LED HAS STOPPED FLASHING BEFORE TESTING THE SYSTEM WITH CIGARETTE SMOKE

Detector Sensitivity Adjustment

High Sensitivity	= SW1 OFF + SW2 OFF + SW3 OFF
Medium High Sensitivity	= SW1 ON + SW2 OFF + SW3 OFF
Normal Sensitivity	= SW1 OFF + SW2 ON + SW3 OFF
Low Sensitivity	= SW1 ON + SW2 ON + SW3 ON

DIL SWITCH SETTINGS		1	2	3	4	5	6	7	8
Infra Red Remote	Enabled	ON							
	Disabled	OFF							
Sound Output	Alert Tone		OFF						
	Speech		ON						
Message Repeats	1			OFF	OFF				
(or tone)	3			OFF	ON				
	5			ON	OFF				
Silent (no tone or speech)	Relay On 20 Secs			ON	ON				
Message Select	1					OFF	OFF	OFF	
	2					OFF	OFF	ON	
	3					OFF	ON	OFF	
	4					OFF	ON	ON	
	5					ON	OFF	OFF	
	6					ON	OFF	ON	
	7					ON	ON	OFF	
Battery Monitor	9V Battery								OFF
	6V Battery								ON

Fault Indication

Low Battery	0.5 (S) blip, once every 150 seconds - high tone
Head Removal	0.5 (S) blip, once every 150 seconds - low tone

Specification

Temperature	-10 to +50 C
Humidity	0 – 95% non condensing
Operating Voltage	4 to 12V dc
Operating Current	60µA standby, 100mA during alarm @6V dc

Battery Life based on quality DURACELL alkaline batteries.

Duracell	Capacity	Standby Time	Max No of Plays (10 secs)
AA 6V	2.85 A/hr	5 Years	10,000
PP3 9V	0.58 A/hr	1 Year	2,000
D 6V	15.00 A/hr	10 Years	50,000

Note:
The life of the battery is dependant on the number of message plays. In areas where smoking occurs frequently then utilise the D Cell battery box (Part No CSA—EBB) or purchase a plug in power supply e.g. (Part No CSA—246)

Plan For The Ban

Cig-

Cig-Arrete Master Slave Circuit Diagram
with Power Supply and 24v Beacon

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