

## Emergency call box ( SOS )

Emergency Roadside Telephone System formed in response to the new requirements needed by society, demanding improvements, speed and up-to-date methods contributing to better Road Safety.

Emergency Roadside Telephone System is nowadays a necessary link in the attendance chain to emergency services and other assistance in roads and motorways that, since they incorporate up-to-date technologies, also becomes communications systems for data transmission..

Emergency Roadside Telephone System is designed and implemented in accordance with the technical specifications and constructions standards required International Standards.

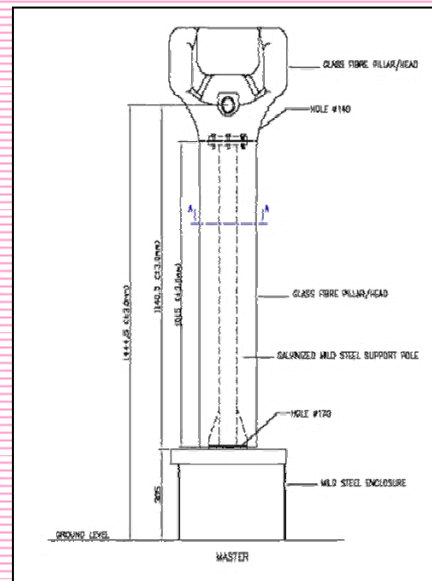
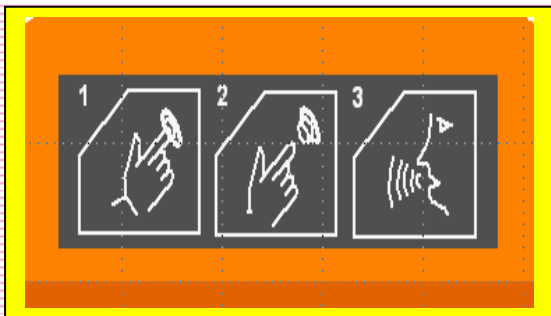


## TECHNICAL SPECIFICATIONS OF SOS( RSU)

- GSM, Fibre, fixed line (PSTN) telephone or Ethernet connectivity
- Glass fiber or High-reflective polyethylene chassis
- 8 mm. Thick cast iron base foundation
- Watertight call push button
- Sensors for open door alarm
- Service demand detector, REED capsule
- Loud speakers 80hm, 10 w
- Extensive internal diagnostics, accessible locally or remotely
- Adaptive volume control
- Programmable call send levels
- Internal battery with charging options (Solar, Mains or Remote Power Feed)
- Tilt/vandal detection with automatic dial up reporting
- Unique ID for location information
- One push button standard but can be expanded to three
- Audible and visual feedback on button press
- 6mm extruded fiber housing with dual high security locks
- IP rating of 65 for electronics assembly and 55 for the housing

## **Physical Dimensions**

- Physical Dimensions: 210W x 1475H x 130D (mm)
- Base cover: 445mm diameter
- Weight: 70Kg (including internal pole)
- Solar pole: 4 meters



## **NETWORK**

GSM, cellular mobile, optical fibre cable, Ethernet (VoIP)

Audio Automatic volume control

Noise environments up to 105dBA

High clarity speaker to deliver up to 120dBA

## **CONFIGURATION**

Factory preset

Remote dial in

## **POWER OPTIONS**

12V solar panel

Mains plug pack 15VDC 1A

Remote power feed 12VDC/ 220 V AC

Internal 12V sealed lead acid battery

Sleep mode to minimize consumption

## **ENVIRONMENTAL**

Temperature range: -10 to +60 degrees C

Humidity: 95% non condensing

## **USER INTERFACE**

Hands-free operation

Illuminated push buttons

Standard network tones

## **SECURITY**

Digit PIN protection

Automatic tilt/vandalism warning with dial up reporting



### **CONTROL CENTRE:**

- To connect and disconnect the voice to Master Telephone (PM) or to a Slave Telephone (PE).
- To connect and disconnect intermitted or continuous tones to a PM or to a PE.
- To execute a voice test for adjusting the reception level of the telephone.
- To execute a maintenance test to read all the telephone parameters.
- To set the time in the telephone clock
- To write and read data in the 8-bit output port.
- To connect and disconnect the modem
- To detect an open door
- Processing of alarms
- To issue telephone line status reports.
- Event logging of operator actions and system faults.
- Database logging of call and alarm/system events with viewing, filtering, export and printing facilities

