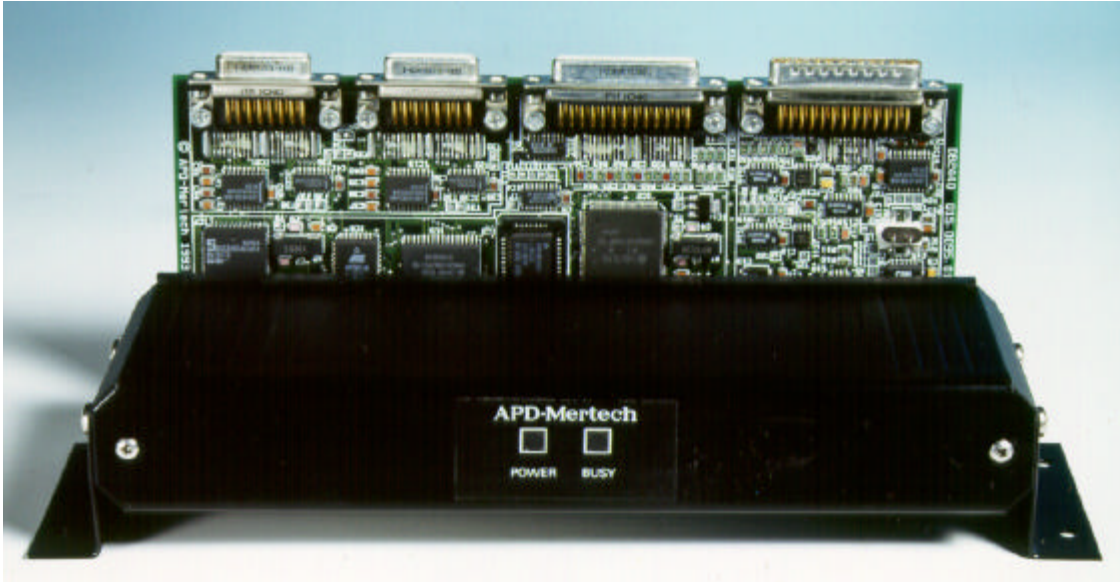


Status Messenger



Features

- Uses MAP27
- 6 Digital inputs
- 6 Digital outputs
- Special "Group-call" capability
- Access control
- Remote interrogation

Introduction

The status messenger is a remote telemetry unit, which connects to the MAP27 port of an MPT1327 radio. Each input can be programmed to send a different status message to a different radio. The unit also decodes status messages, and uses this information to control its outputs.

The Status Messenger can be used in many different applications. As well as the traditional applications for a Remote Telemetry Unit (Alarm reporting, Rural automation, and SCADA) the Status Messenger can be used in simple systems. Using a standard MPT radio, it is possible to operate controls, and display alarm conditions from a remote Status Messenger. Units can be used "back-to-back", allowing an alarm condition (or a switch) at one site to control equipment at a remote site.

Another novel feature is the ability to send the same message to a number of different radios, overcoming the MPT1327 restriction on sending data to group identities.

It is possible to restrict access to individuals or groups. If a command is received from a radio without the correct authority, the Status Messenger will ignore it. The ability to restrict access in this way is particularly important where there is a risk of unauthorised operation.

Quality

APD Communications is totally committed to quality & engineering excellence.

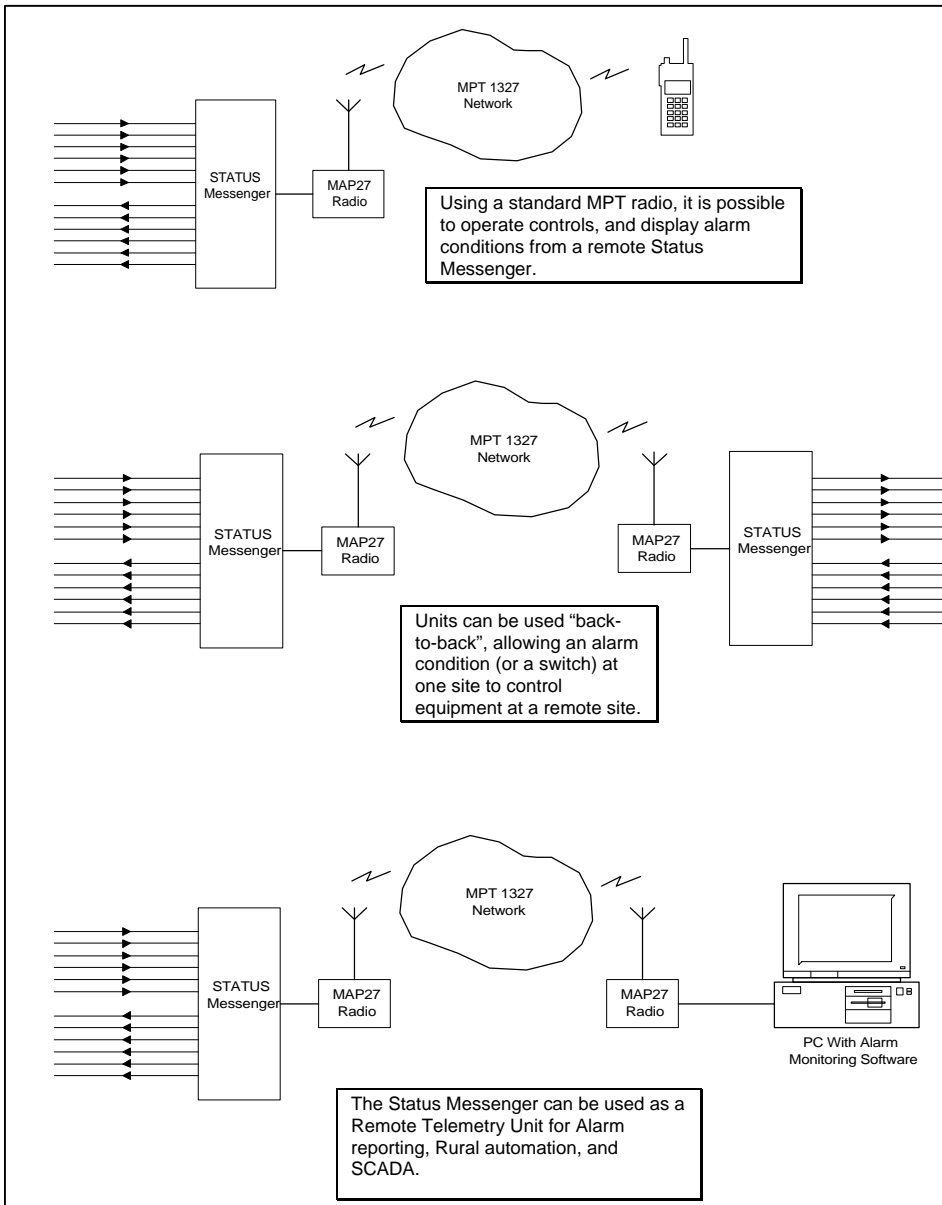
■ ISO9001 approved.



■ TickIT approved.



■ BABT approved.



SPECIFICATIONS

General

Supply voltage	6V to 16V DC
Supply current	150mA typical, 400mA Max
Operating temperature	-20°C to +55°C
Storage temperature	-40°C to +85°C

Dimensions	223 (W) x 93 (D) x 36 (H) mm
Weight	850g approx.

DC Inputs and Outputs

Input, quantity & type	6, TTL inputs
Input levels	Logic 0 < 0.8V, Logic 1 > 2.2V
Output quantity & type	6, Open Collector, sink to ground
Maximum connected voltage	37V
Maximum sink current	80mA (per output, all outputs on)

Product Sales

APD Products
Ringway House
Bell Road, Daneshill
BASINGSTOKE
England RG24 8FB
Tel - 01256 338660
Fax - 01256 338661

System sales

APD Communications Limited
Ardenham Court
Oxford Road
AYLESBURY
England HP19 3EQ
Tel - 01296 435831
Fax - 01296 432829

Engineering

APD Communications Limited
Newlands Centre
Inglemire Lane
HULL
England HU6 7TQ
Tel - 01482 855927
Fax - 01482 803901