



## Control Units

To achieve the ultimate in performance control units are supplied in two forms, either desk top or 19" rack mounted and are available as standard 10 or 20 way zones. Both the FG10 and FG20 control units come in a compact black case complemented with silver anodised facing.

## FG10 Way Control

Linked to the FG10 a total protected area of 3 km can be monitored on 10 x 300 metre zones.

## FG20 Way Control

A total area of 6 km can be monitored on 20 x 300 metre maximum zones when connected to the FG20 way control. This unit can be supplied in a free standing 19" rack which enables you to extend to a greater number of zones. Other distinctive features can include a separate dry contact output on each zone.

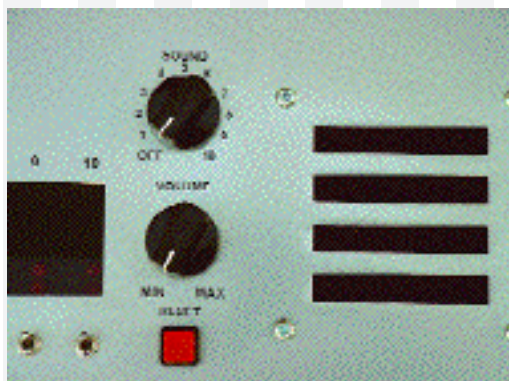
## Audio Visual Verification of Nuisance calls

When interference is detected by the FG System an audio alarm is activated on the control unit indicating the alarmed zone. This enables the operator to listen into the interference and distinguish between ENVIRONMENTAL NOISE: NUISANCE CALL STATUS and DEFINITE INTRUDER ATTACK. The control units are available with or without rise and fall bar graphs which will verify an attack.

## Custom Designed Security Solutions

Available exclusively from APS Technology are end user bespoke systems, a wide range of state of the art security solutions with the facility to interface with any other security system. If we do not already have a standard security product to suit your particular security requirement, we will custom design a system to suit your exact requirements.

All systems can be interfaced with fibre optic cable.



## Operation

All FG10 & 20 systems have a switchable audio signal which allows security staff to verify the actual disturbance. A synchronised flashing LED and sounder will indicate an alarm state.

Whichever system you choose both the FG10 and 20 are extremely versatile units which will accept signals from other types of protective equipment and are designed to interface with CCTV equipment.

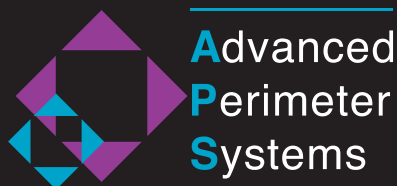
An important innovation is the Alarm Interface Unit which complements the FG10 and FG20 Controls and allows interfacing with other equipment i.e. CCTV and/or ACCESS CONTROL.



## Site Planning and Evaluation

It is essential that the site is visited by a security surveyor so that the job can be properly planned and evaluated.

CONTROL UNITS FG10 CONTROL. Part Np. CU-300		CONTROL UNITS FG20 CONTROL. Part No. CU-320	
ELECTRICAL		ELECTRICAL	
<b>Alarm Input</b>	Normally Closed Dry Contact	<b>Alarm Input</b>	Normally Closed Dry Contact
<b>Audio Input</b>	1V p-p into 600 ohm	<b>Audio Input</b>	1V p – p into 600 ohm
<b>Controls</b>	Zone Isolate Switches Alarm Reset Audio Channel Selector Audio Volume	<b>Controls</b>	Zone Isolate Switches Alarm Reset Audio Channel Selector Audio Volume
<b>Led Indicators</b>	Zone on - Red Zone Alarm Flashing	<b>LED Indicators</b>	Zone On - Red Aone Alarm - Red
<b>Outputs</b>	Zone to Drive Mimic Panel VTR Activate +20 VDC to Analysers + 12 VDC to Mimic and VTR Alarm Relay	<b>Bar Graph Display</b>	10 Bar Red Led To Indicate Audio Level on each Zone
<b>Battery Back Up</b>	Internal Battery Charger	<b>Outputs</b>	As per FG10
<b>Connectors</b>	25 PIN D Type Input 15 PIN D Type Output	<b>Battery Back Up</b>	Internal Battery Charger
<b>Power Input</b>	110/240 VAC	<b>Connectors</b>	2 off 25 PIN D Type Input 2 off 15 PIN D Type Output
<b>Power Consumption</b>	30 VA	<b>Power Input</b>	110/240 VAC
<b>Size</b>	400 x 230 x 85 mm	<b>Power Consumption</b>	30 VA
<b>Weight</b>	1.5Kg	<b>Size</b>	3U 19" Card Frame 483 x 132 x 240 mm
		<b>Weight</b>	2 Kg



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