




RAF Brize Norton PA/VA System Survey Results

Building 0150

Equipment rack location	Building 0150 Control Tower	
Equipment type	1 off Philips sq45 <i>in switch room</i> 1 off Philips sm30 <i>in switch room</i> 2 off Motorola Radius 900 <i>in tower</i> 1 Motorola Microphone <i>in tower</i>	
Back up battery units	1 off Generic charger 4 off –Yuasa 12V, 24Ah in series	
Batts charger voltages	54.7Vdc (nominally 48V)	
Batts under quiescent load	52.6Vdc	
Batts under full load		
Batts installation date	Jan 2006	
Input device signals detected	Yes	
Mixer output signal detected	Yes	
Power amp input impedance's	Approximately 10kΩ (measured to within a tolerance of 10%)	
Amplifier output power rating	200W	
Load impedance	180Ω	
Load resistance	50Ω	
Full power amplifier o/p waveform amplitude @ 1v/1khz sine I/p.	100V peak	
Output waveform characteristics	Normal	
Misc. Output signals	N/A	
Number and type of local loudspeakers.		
Loudspeaker condition	Functional	
Input /output modules Sm30	N/A	
Loudspeakers to replace. 6 in total.		
<ul style="list-style-type: none"> • 1 Basement above rack • 1 Corridor 1st floor • 1 Operations managers office • 2 corridor ground floor adjacent to stairs above door, both sides • 1 Ground Radio 		



<p>Sm30 system user program. Building 0150</p> <p>Software</p> <p>Ver. 1.3</p> <p>User Code</p> <p>○ ▷ ⏴</p>	<p>Control inputs</p> <p>Inputs 1 =</p> <ul style="list-style-type: none">• Enable remote music <i>volume</i> : 0• Priority =7• Signal = 32• Control input = 111111 zone 1 <p>Inputs 2 =</p> <ul style="list-style-type: none">• Enable remote music <i>volume</i> : 0• Priority =7• Signal = 34• Control input = 111111 zone: 01 <p>Inputs 3 =</p> <ul style="list-style-type: none">• Enable remote music <i>mute</i> : 0• Priority =7• Signal = 36• Control input = 111111 zone: 01 <p>Inputs 4 =</p> <ul style="list-style-type: none">• Enable remote music <i>select</i> : 0• Priority =7• Signal = 44• Control input = 111111 zone: 01 <p>Inputs 5 =</p> <ul style="list-style-type: none">• Enable remote relay switch : 0• Priority =7• Signal = 46• Control input = 111111 zone: 01 <p>Inputs 6 =</p> <ul style="list-style-type: none">• Enable remote relay switch : 0• Priority =7• Signal = 38• Control input = 111111 zone: 01 <p>Inputs 7 =</p> <ul style="list-style-type: none">• Enable remote relay switch : 0• Priority =1• Signal = 00• Control input = 000000 zone: 01 <p>Inputs 8 =</p> <ul style="list-style-type: none">• Enable remote relay switch : 0• Priority =1• Signal = 00• Control input = 000000 zone: 01
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Select Item Microphones ↓	Microphone 1 <ul style="list-style-type: none">• Priority 6• Signal:00• 111111 zone:01 Microphone 2 <ul style="list-style-type: none">• Priority 6• Signal:00111111 zone:01
Select Item Music Routing ↓	Music Routing <ul style="list-style-type: none">• 111111 Zone:01

Audioleisure Limited