

APM Jumper Settings Configuration



Analogue / Digital Paging selection:

The APM is standard configured to be used in combination with ARU relay units. The audio signal is set to analogue. When the APM is used in combination with Digital Matrix Systems, the configuration should be changed to digital audio.

Bus Termination:

The APM is standard configured to be used with only one APM on one databus (on one PI port). When multiple APM's are used on one bus, the bus termination settings need to be changed.

Configuration for analogue paging (ARU & MTX)

When used in combination with ARU relay units, the audio output of the APM is analogue.

Jumpers settings:

J1 and J2 are open

J3 and J4 are closed

Address: "A099" configured to ARU "S001"

SW1 to SW8 selects Output 1 to Output 8

Configuration for digital paging (R2 & M2)

When used in combination with digital matrix systems, the audio output of the APM is digital.

Jumpers settings:

J1 and J2 are closed

J3 and J4 are open

Analogue / Digital Paging Selection		
	Digital Paging (R2 & M2)	Analogue Paging (ARU & MTX)
J1	Placed	Open
J2	Placed	Open
J3	Open	Placed (Standard)
J4	Open	Placed (Standard)

Bus Termination

Only one APM on one databus

When only one APM is used on the databus, the databus needs to be terminated by the termination jumper J5 which inside the APM. This jumper is placed in its standard configuration, so no changes need to be made when using only one APM on a databus.

Multiple APM's on one databus

When multiple APM's are used on one databus, the termination jumpers J5 inside the APM's should be removed. The bus should be terminated by means of the termination jumpers on the last ARJ03P junction box in the bus structure. Both the audio and communication lines need to be terminated by means of the jumpers.

Jumper settings:

One APM on databus: J5 is closed

Multiple APM's on databus: J5 on APM is open

'Audio' jumper on ARJ03P is closed

'Com' jumper on ARJ03P is closed

Bus Termination		
	One APM	Multiple APM's
J5 (APM)	Placed (Standard)	Open
Audio (ARJ03P)	n/a	Position 1 (Only last one in Chain)
Com (ARJ03P)	n/a	Position 1 (Only last one in Chain)

Overview

