

Priority Response System

Basic Version

This paper outlines in brief the facilities available with the PRS-B Call Distributor. This unit is a 'One Number' call handling facility with additional alerting and call logging facilities for Emergency Service Organizations.

Station Manned Mode

This mode gives personnel at the fire station the opportunity to answer calls before they are diverted off-site to others on duty.

Code: 1

Multi-Number Try

Mastercall sequentially tries up to ninety-nine telephone numbers (with a realistic limit of eight) for an answer. A conference bridge number can be included in the dialing list to further broadcast the call.

Code: *2xx nnn...#, where xx = 01 → 99

PIN Answer

The Officers receiving fire calls need to enter a PIN to accept the call. This prevents answering machine or voice mail box answer. It also ensures that only authorized personnel can answer calls.

Code: 33

Personalised Recorded Voice Announcements

These are a "Please Hold" message played to the Caller while Officers are being dialed and, another "Enter PIN to accept fire call" message played to the Officer receiving the call.

Code: 75...# (Record 'Caller' Announcement), 85...# (Record 'PIN Answer' Announcement).

Message Sequential Broadcast

The Officer is able to record a brief message and have it automatically relayed to others in the dialing list. This can be set up while on a fire call and also on demand by accessing the PRS by phone.

Code: 22...# (Record 'Broadcast' Announcement)

Siren Activate

The Officer is able to activate the fire station Siren while on a fire call, and also on demand by accessing the PRS, either locally or by phone.

Code: 77 (Relay 1)

Siren & Pager Activate

The Officer is able to activate fire station Siren and the Paging system while on a fire call, and also on demand by accessing the PRS, either locally or by phone.

Code: 88 (Relays 1 & 2)

Pager Activate

The Officer is able to activate the Paging system while on a fire call, and also on demand by accessing the PRS, either locally or by phone.

Code: 99 (Relay 2 momentary)

Reset Siren

This turns off the Siren

Code: 00 (Reset Relay 1, automatic reset after 2 minutes)

Alarm Input

An external alarm (eg. break glass alarm) may be wired into the PRS and an alarm event will be reported to all members in the dialing list. The message is "*PRS Alarm Notification*". This input can also be used to control the manned/unmanned status.

Forced Disconnect

An officer receiving a fire call can force-release the call by pressing *#. This immediately frees up all lines.

Note: The PIN number for remote control access on LINE 2 is 33.

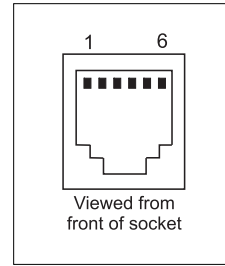
(D2K Ref. No.: SW4914)

PRIORITY RESPONSE SYSTEM CONNECTIONS

TELEPHONE

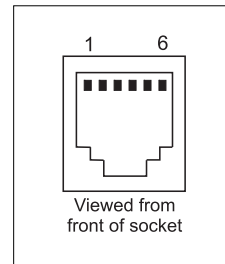
LINE 1

PIN	DESCRIPTION
1	
2	
3	Ring (Lb)
4	Tip (La)
5	
6	



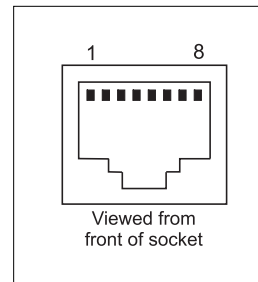
LINE 2

PIN	DESCRIPTION
1	
2	
3	Ring (Lb)
4	Tip (La)
5	
6	



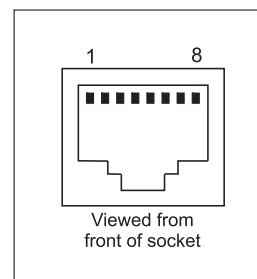
ALARM INPUT & AUXILIARY OUTPUT RELAYS

PIN	DESCRIPTION
1	Relay 1 Normally Open
2	Relay 1 Common
3	Relay 1 Normally Closed
4	Alarm In
5	Ground
6	Relay 2 Normally Open
7	Relay 2 Common
8	Relay 2 Normally Closed



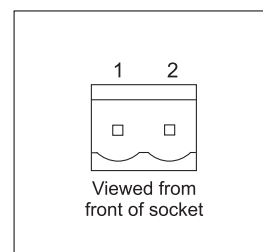
RS232 PORT

PIN	DESCRIPTION
1	PTT Common
2	PTT Normally Open
3	MAP 27 (Digital) Out (TXD)
4	COS Indication from Radio
5	MAP 27 (Digital) In (RXD)
6	Signal Ground (Return) (OV)
7	Audio Out from PRS to Radio (Tx)
8	Audio In to PRS from Radio (Rx)



POWER

PIN	DESCRIPTION
1, 2	12 → 48 Vdc, isolated, polarity insensitive



PRIORITY RESPONSE SYSTEM SERIAL INTERFACE

This feature is used for PC control and call logging functions

Data Format: RS232C 38400 8N1

To PRS

[M]	Station manned (delayed diversion)
[U]	Station Unmanned (immediate diversion)
[Nmm:n...]	Set number mm (00-99) to n...
[Dmm:d...]	Set delay after dialing mm (00-99) to d... (0-65 seconds)
[Qmm]	Query number /delay for mm
[S]	Query status

From PRS (all end with <CR>)

S:U	Status unmanned
S:M	Status manned
N:mm:dd:n...	Number mm has a delay after dialing of dd seconds, and the number is n...
E:Lx message...	Event on line x (1 or 2) with description of event

PRIORITY RESPONSE SYSTEM PROGRAMMABLE OPTIONS

Alarm Input

*6703#

*46

0 = Alarm Input is used to toggle Status Unmanned/Manned

1 = Alarm Input is used for Alarm dialer function triggered by an external alarm

*#

Auto Attendant

*6703#

*47

0 = Normal divert function

1 = Auto attendant, caller makes selection from 1 –9 (mm 11 – mm 91, 0 to repeat message. Numbers mm 01 –mm 10 operate as a fall back.

*#

Time Allowed to Enter PIN

*6703#

*54

d..., where d... = seconds to enter PIN (1-60 seconds, default = 20 seconds)

*#

Delay after Dialing a Number

*3mmd...#, where mm is the number location and d is the delay after dialing the number ie. how long the number rings before moving on to the next number. This defaults to 30 seconds but may be changed on a per number basis from 1 to 65 seconds.

Auto Turn On Timer

*6703#

*11

sss, where sss = the number of seconds of ringing before the PRS starts to dial out when in Manned mode.

*#

Silence Disconnect

*6703#

*15

mmm, where mmm = the maximum number of seconds of silence detection on the line for a PRS call to be automatically disconnected (default = 002). Eg. if you enter 005 minutes, any call with a silence period on the line of five minutes or more will be automatically disconnected.

*#

Total Call Time Limit

*6703#

*16

mmm, where mmm = the maximum number of minutes that a PRS call is allowed to go for before the call is automatically disconnected (001 → 120 minutes). Eg. if you enter 010 minutes, all calls are limited to ten minutes in duration (or less if the calling party hangs up sooner than the five minute mark).

*#.



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