

“Accept” Comms Task Format (Previously Comm-Pass)**Overview**

Selecting the Comms Task “Accept” allows communications with the Accept System Management Software. This Windows based software package is installed on a PC and allows Database maintenance, Control, System monitoring and alarm handling. An IRP_x UART board is required to provide the Serial Data port for connection to the PC Serial Port.

Important

1. With V2 firmware only the Access 4000 can connect to Accept V2.
With V3 the Model 3000 and Access 4000 can connect to Accept V3.
2. The 3000 Control Module firmware must be at least V3.0.

Accept Options

**CT001 Idle ->
Accept**

Options are reached by pressing HELP, “9” on the Active/Idle screen. Options are divided into common options and less common or Special options. Usually only the common options need be programmed.

Special options are reached by pressing HELP, “9” *twice* at the Active/Idle screen. Changes will only take effect if the Comms Task is idle.

**CT001 Port ->
to use: 1**

This screen allows the Installer to define the UART Port to which the PC will be connected. Depending on the version of UART Expander fitted to the Control Module, a Port number from 1 to 4 may be used. The Port number is selected by scrolling through the available options using the right arrow key.

**CT001 Baud ->
Rate: 9600**

This screen allows selection of the Baud Rate (Data speed) at which the UART will communicate with the PC. The Baud Rate is chosen by scrolling through the available options using the right arrow key. A setting of 9600 Baud is recommended.

See “Comms Task Baud Rates” in Comms Task Programming [MENU 7,3,1].

Accept Special Options

Special options are reached by pressing HELP, “9” *twice* at the Active/Idle screen or by pressing HELP, “9” from any common options screen. HELP “0” will take you back to the common options when special options is complete.

**CT001 Client
Code : 0000**

This screen sets the Client Code to be used for this Comms Task. The Client Code is programmable in decimal from 0001 to 9999. **A Client Code of “0001” must be used for ACCEPT.**

**CT001 MLGPN . . .
Ropts-> nnnnnnnn**

This screen sets various reporting options:

These should all be set to “n” for ACCEPT.

M	Multiple Area	Multiple Area client codes are not used in the Accept format. This option should be set to “n”.
L	Look Ahead	Normally, all reportable events will be sent in the order in which they occurred; one at a time until no more reports are required. The Comms Task will guarantee the order will not alter, even if the dialler takes a long time to get through to the Central Station or if alarm reports are being generated faster than they can be sent. If this option is set to “Y”, Look Ahead operation is selected. With Look Ahead selected, a sequence of multi-breaks on a single zone/input will be ignored if a restore report has already been sent for that Zone/Input and there are new alarms from a different Zone/Input that have not been sent yet . Open/Close reports do not follow this logic and are always reported. This option is useful to track intruder movement through a larger installation and ignore multi-breaking detectors.
G	General Open/Close	This option selects General Open/Close reporting. Whenever all Areas are turned On, a general Area close is reported. As soon as the first Area is turned Off, a general Area open is reported. In Area Programming, some Areas can be nominated to be ignored in the general Area calculation. Open/Close will not be reported on these Areas in any Comms Task with this “General Open/Close” option set to YES.
P	Prevents Restores	This option prevents restores being reported via this Comms Task.
N	No Area Still Open	This option selects No Area Still Open or Area 24Hr Off reports. In Area Programming, it is possible to enable reporting of “Area Still Open” and “Area 24Hour Offs”. Not all reporting formats can handle these reports. Setting this option to “Y” will disable these reports for this Comms Task. Both of these reports are sent without any loss of information in IRfast format.
.	Spare	Spare for future developments. This option must be set to “n”.

**CT001 Area List
Filter: AL002**

This screen allows an optional Area List filter to be defined for this Comms Task. If a non-zero Area List is selected, only the information from Areas in the specified Area List above will be sent using this Comms Task. **Leave set to AL000 for ACCEPT.**

**CT001 EOA
Efilt -> nnnnnnnn**

The “Extra Filter” screen options allow a Comms Task to only respond to certain types of events. For example, to set up a Model 3000 so that only alarms/tampers/isolations go via Direct Line, set the Direct Line Comms Task with the “E” and “A” options set to “Y”. Opens/Closes will not be sent.

These should all be set to “n” for ACCEPT.

E	Extra Filters	This option enables the Extra filter options. If left at “n”, no filtering is used. ie. normal operation.
O	Open/Closes	This option enables Open/Closes to be sent via this Comms Task.
A	Alarms/T/I	This option enables Alarms/Tampers/ Isolations to be sent via this Comms Task.
.	Spare	Spare for future developments. This option must be set to “n”.

Accept - Extra Options

Extra Options are reached by pressing HELP, “9” *three times* at the Active/Idle screen or by pressing HELP, “9” from the Special Options screen. HELP, “0” will take you back to the Special Options screen when programming of Extra Options is complete.

CT001 . . . SPCKD
Sopts ->nnnnnnnn

The Extra Options screen allows the programming of settings which are unique to Accept.

S	Single User	Set this option to “Y” . This option set to “Y”es by default in V4.0 or later.
P	Packet Numbers	This option enables packet numbers in Debug mode. Leave set to “n”.
C	CRC On	This option enables CRC in Debug mode. Leave set to “n”.
K	Key Default	This option defaults the Encryption Key. Set this option to “Y” on the first communication with ACCEPT. Having connected, the system will automatically reset this flag to “n”. This option set to “Y”es by default in V4.0 or later.
D	Debug Mode	This is a factory facility only. Leave set to “n”.
.	Spare	Spare for future use. Set to “n”.

Diagnostics

CT001 . . R.
Status -> nnnn

Pressing the ON Key whilst the Active/Idle screen is displayed will display the UART Port status screen. This screen can be cleared when desired by pressing the OFF Key. The following table explains the flags:

.	Spare	Spare for future development.
R	Retry	A “Y” under this flag means the receive fifo (16 bytes) has overflowed and at least one character has been lost. This will normally cause a retry of some kind.
.	Spare	Spare for future development.
.	Spare	Spare for future development.

The “R” flag may be monitored after communications via this port. In the event that the system places a “Y” flag under the “R”, the Status screen should be reset and monitored further. Should a “Y” flag appear under the “R” with some regularity, a potential cause would be the baud rate at which the port is attempting to communicate. In such a case the Installer should reduce the baud rate and monitor the effect via the status screen.

In the event that lower baud rates do not solve the problem, assistance should be sought from the manufacturer’s Service Technician.

