

Interface Cables

A range of pre-assembled interface cables are available for connection to various serial devices.

UART Port Interface Cables

993009 / 996025 / 993026 / 993027

These cables provide a permanent connection for Laptops, PC's, Printers and modems to the UART ports on a Control Module. A UART Interface board is also required.

Port "0" Interface Cable 993030

This interface cable provides a temporary Laptop connection to Port "0" on the Control Module. This feature should only be used for commissioning purposes.

LAN Ancillary Cable 993028

The LAN Ancillary cable enables the installer to temporarily connect a Terminal to a LAN module to assist in commissioning. The cable features a 4 way polarizes socket. A matching Ancillary LAN Connector is gradually being introduced into all Concept 3000 and Access 4000 modules that connect to the LAN.

EarthNet PO1 Communications Lead 993029

This cable replaces the existing telephone lead on the Control Module for use within the EarthNet Telecommunication system.



Securitel/SpreadNet(R) Cable 993035

This cable is designed to connect a Securitel Serial STU or C&K Systems SpreadNet(R) Receiver to a Port on a Concept 3000 or Access 4000 UART board.

SPECIFICATIONS	
Ordering Options	
DB9 Interface for Laptop Computers	993009
DB25 Interface for PC's	993025
Printer Interface Cable	993026
Modem Interface Cable	993027
Port 0 Interface Cable (For commissioning purposes)	993030
LAN Ancillary Cable	993028
EarthNet PO1 Communication Lead	993029
Securitel / SpreadNet(R) Cable	993035

Enclosures & Manuals

A range of Metal and Plastic enclosures are available with which to mount ancillary Concept modules.

Concept Equipment Box with Tamper 993021

This metal enclosure allows ancillary items to be housed securely in an enclosure that matches existing concept equipment. The cabinet is supplied with a tamper switch but without an inner chassis. The Standard Control Module inner chassis and the Standard Universal Expander inner chassis are sold separately.

Jumbo Box 993023

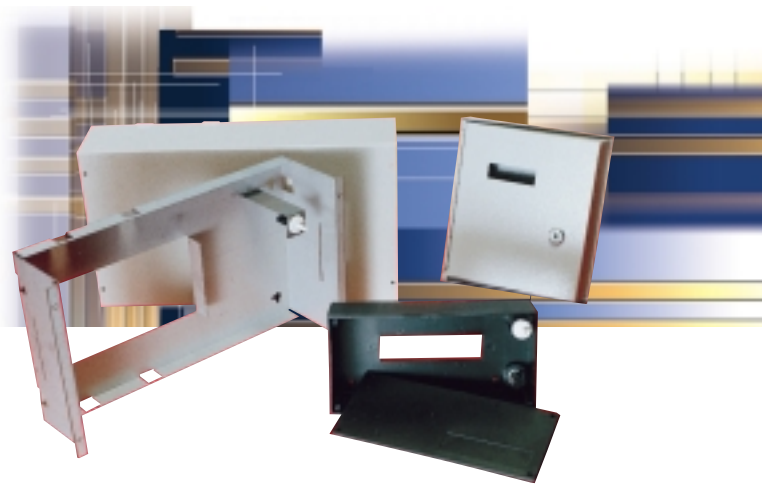
The jumbo Box is of metallic construction and will house up to two inner chassis. Jumbo Box Inner Chassis are sold separately.

Terminal External Weather Resistant Housing with Lock 990050

This metallic External Weather Resistant Housing provides protection for any Concept LCD Terminal. The enclosure comprises a hinged door with key lock and a window to allow viewing of text displayed on the Terminal.

Plastic Mounting Box 990045

This plastic enclosure may be used to house smaller items such as the Mini Expander, a Securitel interface or Reader Module. Provision has been made for base and cover tamper switches to be fitted.



Ordering Options

Standard Metal Enclosure with Tamper	993021
Standard Control Module Inner Chassis	923005
Standard Universal Expander Inner Chassis	923004
Jumbo Metal Box	993023
Jumbo Inner Chassis	923102
Terminal External Weather Resistant Housing	990050
Plastic Mounting Box	990045



Manuals

A number of Manuals and other resources are available in Hard Copy or Electronic Media.

Ordering Options

Concept 3000/Access 4000 Programmer's Manual	630022
Concept 3000/Access 4000 Users Manual	630026
Concept 3000/Access 4000 Resources CD-ROM	630029

Compatible Third Party Software

A number of other companies have developed software applications which compliment the Concept 3000 and Access 4000 Systems.

Torrens Buliding Software Pty Ltd

SAMAIS is a software system particularly suited to larger commercial and industrial sites, where there is significant emphasis on the centralised monitoring and control of many different buildings and systems.

Each site may be logically subdivided on the basis of location or operator authorisation, providing the ability to allow the appropriate people to act on their areas of expertise or authority. A system can include a single site or building and may include extensive or limited building functionality such as only security, access control, climate control and energy management or any combination thereof.

Individual buildings may operate independently and also as part of a larger network. The operator can define which functions or types of events will be automatically forwarded to the central station. Alternatively, full monitoring and control of a single site could be passed back to the central station based on some other criteria, such as the expiry of specific business hours.

For further information please contact

Torrens Building Software Pty Ltd

Tel: **(02) 6241 5899** Website: www.torrensbs.com.au

Important Note:

None of the products on this page are sold or supported by Inner Range Pty Ltd. Customers should contact the Software companies directly for further information

Professional Software Design Pty Ltd

PSD Import/Export Utility

New version optimised for use with ACCEPT. Quickly import user data and user images from an existing user database (eg. Card Management System) into ACCEPT. User data is then automatically uploaded to the Concept Access 4000.

TAS

Time Access System for IR Concept Panels. Includes time and attendance reporting and diagrammatic and graphical representation of printer review events.

PSD Muster System

Mustering System for IR Concept 3000+ Panels. Stores printer review data for detailed mustering and access data reporting.

PSD Event Monitor

Event Monitor system for IR Concept 3000+ Panels. Graphically represents the number of times a panel review event occurs and displays it in real time. Monitors up to 10 separate events.

PSD Comms Server

Connect to Concept 3000+ Panels and sends review to TAS, PSD muster System and PSD Event Monitor. Sends review to applications running either on same PC or via a network.

Professional version allows remote retrieval of review data via PSTN modem.

For further information please contact

Professional Software Design Pty Ltd

Tel: **(08) 9444 1278** Website: www.psdesign.com.au

Fratch FE100 DAR Receiver

The FE100 DAR is a powerful, multi-tasking receiver system based on digital signal processing technology.

The use of digital signal processors (DSP's) keep the FE100 small, compact and reliable. They also allow control of the systems "smarts" in software, where they can be easily and simply upgraded, changed or expanded.

The FE100 DAR's power and flexibility make it the perfect "front-end" for Central Station automation computer facilities. The FE100 will connect to any system that supports the Ademco 685 interface, E82-RP interface, or the FE100's own proprietary interface.

The FE100 DAR is ideal for receiving Concept IR fast dialler and EarthNet direct line reporting formats.

- Receives more than 70 of the most popular industry formats, with new formats being added continuously
- Format and feature changes are performed in software and can be made by modem-there's no hardware to replace or install and software updates are FREE for the life of the product!
- Comprehensive English language support-individual plain-English messages are programmable for each received format
- Easy connection to a separate automation computer using standard interfaces, such as Ademco 685 and Contact ID. The FE100 DAR will translate formats unknown to the automation system into something it can understand, with no loss of information
- Large, searchable call memory buffer-smooths out "peak hour" rushes with a capacity of up to 5000 calls. Non-volatile storage retains all information even in the event of a long-term total power-down
- Independent processing-alarm reports can be processed by the FE100 and the automation computer independently of each other. If the automation computer fails, the FE100 seamlessly covers the gap



- Fast processing-the FE100 will receive alarm reports as fast as they are sent on up to 8 separate telephone lines simultaneously
- Independent printing - reports can be printed on an external standard serial printer independently of an automation system or on-screen acknowledgement
- Simple operation - "hot keys" control switching of main operational modes and sensitive areas, such as receiver setup, are password protected
- True multi-tasking - report reception, viewing alarms, editing clients sending/receiving information to/from an automation system, and report printing all run concurrently
- Simple, rugged hardware - the FE100 is built in a standard 19 inch rack mount system. There is only one type of dual line card (no matter what formats are received) and the main processor board has an on-board battery charger
- Built-in paging facility - the FE100 can send received alarms to a paging network via the PET protocol. Client details and alarm report text can be sent to an alpha-numeric pager for immediate field action
- Two-way line communications - the FE100 lines can make outgoing calls to communicate with alarm panels that permit remote access
- Optional expanded database - stores an extensive range of information on up to 512 clients. The FE100 can receive over 65000 separate accounts with formats that permit the use of hex client codes
- Fully Austel Approved (Permit number A91/27A/0438)

The "EarthNet" Direct Line system allows Inner Range Concept 3000 / Access 4000 panels to be monitored via direct lines. All alarm information can be reported with no mapping required, including optional review text if desired.

Concept 3000/Access 4000 EarthNet features Include:

- Unique reporting of all events
- Optional Review text for alarm clarification
- Optional Contact ID Interpretation
- Optional Panel time/date stamp
- Optional Panel system information
- Up to 65000 users
- Up to 250 areas
- Encrypted Communications
- Easier panel commissioning
- Supports panel remote control

The FE100 allows EarthNet systems to be connected directly to any line on an FE100 receiver. All EarthNet information is transferred to the FE100 buffer system and interpreted into English Language text. In addition EarthNet information is translated into industry standard Contact ID/Ademco-Fast/Slow formats when transferring information to an Automation system.

The EarthNet system comprises a number of concentrator sites called Nodes. Up to 64 panels may be connected to a Node. Each of these Nodes has a unique client code in exactly the same manner that a panel has a client code. The FE100 treats a "Node" in the same fashion as a panel. For example, an AC alarm on Node client 9001 means that an AC fail occurred at a particular concentrator site in the EarthNet network (Node 9001). In the FE100 or Automation system database, an entry is made for every Node in the EarthNet system.

If a trunk line fails to an EarthNet node, the Node can ring up the FE100 via the PSTN in order to re-establish temporary communications. Any FE100 line with a modem hand-shake will now automatically detect EarthNet data and establish a link with that node. When the trunk line restores, the PSTN link will automatically be disconnected.

Ordering Options

EarthNet Central Station Node	998000
EarthNet Node Module	998001
EarthNet Scanner Module	998002