

Concord 2.0 Product Features

Product feature set will include Concord Version 1.x software features with the following exceptions:

1. *No LED touchpad support*

Software features inherited:

- 8 Hardwire zones on board, 76 zones total
- Support for 16 bus devices
- Supervised voice siren driver
- Support Temporal Three pattern for fire siren annunciation
- On-board two-wire (UL), and four-wire smoke detector support (UL with SnapCard)
- Support for low cost expander cards (Combo, 8z input)
- Concord Output trigger events including the * key on a 4-button keyfob
- Two on-board programmable Output points, Open collector
- Large speech vocabulary including voice zone descriptors (over 250 words) with PIV
- Voice status feedback through Phone Interface Module
- Comprehensive (over 250 words) alphanumeric touchpad text
- Program mode entry with installer code
- Memory clear with installer code
- Contact ID reporting
- 10 digit hex (review Alpha based on industry feedback) account number
- SIA Level 2 Reporting
- Flexible designation of phone number, reporting format, and priority
- 24 digit phone number, with call waiting cancel capabilities
- Communication locking
- Numeric Pager
- Display sensor information on chime
- Dealer, Installer, Duress, SuperMaster, Partition Master, and 60 User codes
- Keyswitch arming
- Phone line monitor module support
- Audio Verification Module (AVM 200) support in partition 1
- Standard Interrogator support in partition 2 (via output point)

The following are inherited or leveraged from Express:

- **SuperBus 2000 Bus protocol which provides support for the following:**
 - **New SuperBus 2000 Fixed English LCD keypad support**
 - New SuperBus 2000 ATP support (2x20, 2x16)
 - New SuperBus 2000 HIM--- ~~Under Development~~
 - New SuperBus 2000 HOM --- ~~Under Development~~
 - New SuperBus 2000 PIV --- ~~Under Development~~
 - Optionally the New SuperBus 2000 Energy Save Module (ESM)
- **SIA False Alarm Reduction Standard compliance**
 - Programmable Burglary dialer delay (15-120 seconds)
 - Exit delay extension with central station reporting
 - Swinger shutdown with programmable number of events (1-2)
 - Recent Closing
 - Unvacated Premises—auto stay arming
 - Call Waiting Clear
 - **Quick Exit**
 - Code only disarm – when in alarm

- Support Day Zone sensor group
- Temporary siren suppression on keypress
- System tests and termination
- Additional Output trigger events including Interior and Exterior Siren output configurations
 - Outputs can be configured for both status and alarm events
- Automatic phone test with programmable interval
- Different chime sounds on open and close
- Status and protest silence on select keypresses
- Hot-pluggable programming touchpad
- Enhanced CID and SIA reporting
- Encrypted Keyfob Support
- 3-digit zone number for pagers
- Wireless touchpads learn as zones
- alarm voice annunciation
- Enhanced Concord user and installer interface
- Fixed LCD Display arming and status LED support

Known Issues from Concord 1.0 Resolved in this release:

- Group 25 /SAW PIR issues
- Status beep configuration for the on-board output
- Verbal alarm annunciation during alarm via PIV
- Chime interruption on the customers telephone
- Phone control interruption when using on-line banking or voice mail.
- Numerous error corrections as identified by Technical Services, Sales, and Design Evaluation.

Additional Software Features

The following are inherited from EuroConcord (!!!!This product should not be mentioned unless authorized by Keith Kuhnly!!!!) It is okay to discuss the features:

- Scheduled output points
- 64 programmable outputs
- Output point text labels
- User output activation via output point text (output labels)
- Reports for entry and exit from installer programming
- Dial-tone detection

Feature	Description
Features for Version 2	
Touchpad LED Status Support	Provide an arming and trouble LED on the fixed English touchpad and the associated software to control LED indications.
Keyswitch Selectivity	Enables either momentary or state forms of keyswitch arming. Momentary as the default.
Event initiated X-10 activation	Sensor triggered X-10 activation.
Lock button on KeyFob initiates Latchkey function after arm to level 3	Enables latchkey arming from keyfob

Latchkey reports from KeyFob (zone range)	Extends the latchkey definitions to include a zone range in addition to a user code range (Childs keyfob)
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