![Folknoll Group Ltd.]

CUSTODY SUITE SYSTEMS

FOR POLICE STATIONS, MAGISTRATES' COURTS AND PRISONS

CELL CALL SYSTEM WITH INTEGRATED
AFFRAY ALARM, INTERCOM AND LOCKING CONTROL

FOLKNOLL GROUP LTD

For more than 30 years Folknoll Group have been leading suppliers of audiovisual communications equipment and security locking systems. We supply a large range of standard and specialist products for the security, communications and care industries. All of our products are designed for easy installation, low maintenance, high reliability and straightforward operation, making our products better for you and your clients.

CUSTOMER BASE

We have a large customer base across all of our market sectors and are approved suppliers of electric locking control, video intercom and general alarm systems to the Prison Service. We have a long history and proven track record for supplying systems for this sector in the UK and elsewhere.

SPECIALIST SYSTEMS

The Folknoll group offers full a design service to modify our existing products or developing completely new products to enable us to provide the right product for you and your clients.

QUALITY

Folknoll has ISO 9001, Chas and safe contractor accreditation and pride ourselves on the quality of materials and workmanship used for all our standard and specialist products. At the heart of every Folknoll Group product or project are a team of highly skilled dedicated engineers with relevant industry experience ensuring every Folknoll product is the right product for you. Our commitment to quality is reflected in the proportion of repeat business from clients across all our market sectors.

SUPPORT

All our products are fully supported with on-site commissioning, on-site and remote technical support.

THE FUTURE

Folknoll staff are proud of their reputation as innovative specialist to the custodial market, regularly offering new products and systems to keep pace with the continually evolving electronics industry.

 "We are committed to a rolling plan of system review and upgrade, to ensure that our systems continually represent the most up to date and cost effective solution to custodial system requirements."

B Perryman (Managing Director)

FURTHER INFORMATION

Please contact us on **01763 234567** send an email to **sales@follnoll.co.uk** or visit our website **www.folknoll.co.uk** for further information on any of our product ranges.

COMBINED CUSTODIAL SYSTEM

Our combined custodial system is designed to meet the requirements of HMPS, the Police Force and similar organisations, providing a complete integrated solution for:
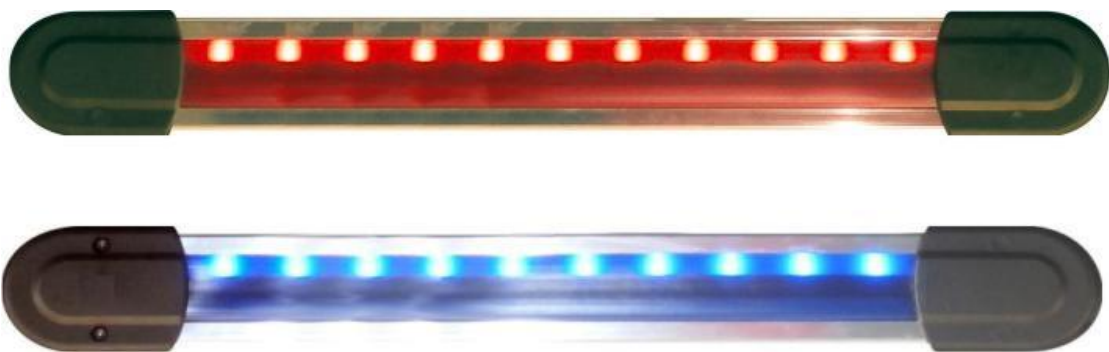
Cell Call
Affray Alarm
Intercom
Locking and Interlocking Control

We have a large range of fully compatible rack mounted control modules, cell call units, call points, alarm strips, intercom units, locking control units, graphical workstations, recording units etc. which can be assembled into a custodial system to suit your requirements.

FEATURES

All of our combined custodial range is designed to be robust and practical with long-term reliable operation in tough environments. Our system benefits from:

- A range of extra tough cell call units with 2.5 mm stainless steel fascias
- Super flush back boxes design to allow easy maintenance when sunk in anti-pick adhesive
- Videocom / intercom units with special video image sensors and illumination for improved user identification
- Call point, personal attack buttons
- Affray alarm strips with fault monitoring
- Sounders, beacons, standard and customised indicator panels
- A comprehensive event log, with audio and lip-synch video recording
- User-friendly graphical operator stations with integrated video and audio
- Separate review stations with event log reporting, recording playback and evidential copying facilities
- Remote monitoring and review over copper, fibre and IP
- A modular rack mounted control system with a range of compatible audio, video, control, recording and alarm modules.
- Interfaces for approved CCTV, SMS, BMS and other systems
- An experienced design team to add special features to match your requirements

AUDIO AND VIDEO

TOUGH VANDAL RESISTANT CELL CALL UNITS

Our cell call units are vandal resistant, with extra tough 2.5 mm stainless steel fascias, vandal resistant buttons, built in tamper switches and anti-tamper fixings.

Microphone levels and volume levels are adjustable with an audio output of up to 80 dB for noisy environments.

SUPER FLUSH BACK BOXES

Our special super flush back boxes are designed to allow easy mantenance even when sunk into anti-pick adhesives

VIDEO AND AUDIO INTERCOMS

We offer a range of audio and video intercom units for internal and external use. Our range includes specialised video cameras with IR, diffused IR and white illumination for improved user identification in low light and other difficult lighting conditions.

THIRD PARTY VIDEO AND CCTV

We can incorporate video from third party cameras / CCTV systems to provide overviews and other images.

 Video streams are integrated into our standard operator station displays and recorded on our storage units for review.

If real-time third party video is available we can record lip-synch video for evidential purposes.

ALARM ACTIVATORS

Our systems offers a range of wall mounted and personal alarm activators including vandal and weather resistant call points, illuminated alarm strips and personal attack / panic buttons for staff/cell occupants.

CALL POINTS

We offer a range of flush and surface internal and external call points all with anti-tamper fixings and anti-tamper switches for additional protection.

ILLUMINATED AFFRAY ALARM STRIPS WITH FAULT MONITORING

Alarm strips can be mounted horizontally (along length of wall), at an angle (e.g. up staircases), or vertically for multi-level access (DDA). Corners / bends are available for changes of direction. Alarms are activated by pressing the strip anywhere along its length. The entire strip is illuminated by LEDs, which flash on alarm activation providing user reassurance, source indication and deterrence. Alarm strips are continuously monitored by our control system, which provides instant indication if a fault occurs.

YOU CAN BE SURE
IF YOU PRESS AN ILLUMINATED STRIP AN ALARM WILL BE RAISED.

PANIC BUTTONS

We have IR and RF personal attack buttons for staff and panic buttons for cell occupants

THIRD PARTY ALARMS

Alarms may also be activated automatically third party devices e.g. PIRs and video analytics systems. Third party alarms can be fully integrated and handled in the same way as other alarm activated with a full range of configuration options.

OPERATOR STATIONS

The system is monitored from PC based graphic al operator stations with integrated video and audio.

OPERATOR WORKSTATION

Operator stations offer mouse or touch screen control for easy operation.

KEYBOARDS ARE ONLY REQUIRED FOR CONFIGURATION

All master stations are based on standard PC hardware for long-term support and maintenance.
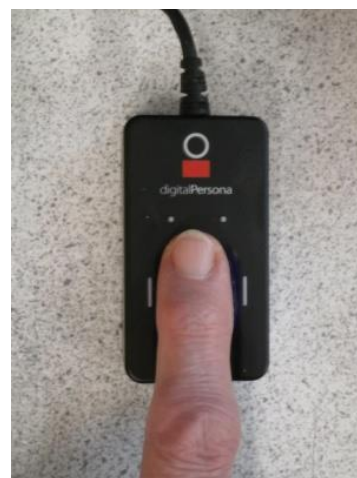
PC HARDWARE

The PC hardware is typically mounted in the rack along with the other modules. The operator workstation terminal is connected by KVM extenders reducing clutter and improving the operators work space.

OPERATOR AUTHORISATION

All operators are required to logon restricting access to authorised personnel and identifying operators to the system so actions can be traced if required.

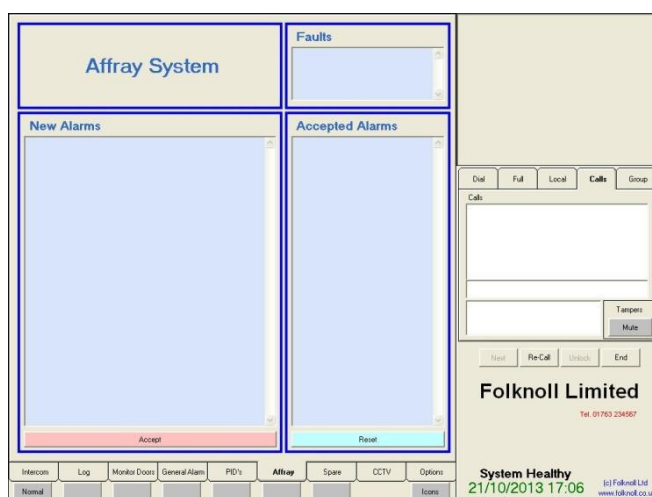Authorisation can be by fingerprint recognition or password.

PLAN BASED INTERFACE

Our plan based interface allows visual identification of alarm and call location, for fast accurate response coordination.

STAINLESS STEEL CONSOLE

The new console can be used with all of our operator stations providing a robust alternative to PC microphones and speakers. The unit offers high quality speech with a clear easy to use volume control. The console can be mounted into desks and units or has a stand-alone angled back box for desk top applications.

A TOUGH PRACTICAL SOLUTION

EVENT LOG / AUDIT TRAIL

All events and operator actions are date stamped and logged by the audit trail software.

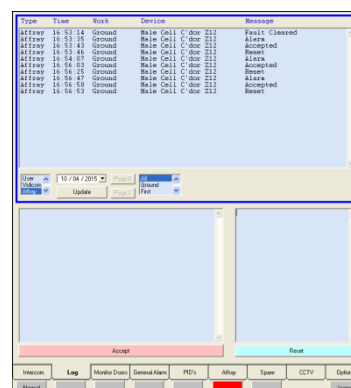The system can also record audio with 'lip sync' video for evidential purposes.

Logs and recordings are time stamped and stored on reliable RAID units.

REVIEW STATIONS

Review stations are used to review event logs and recordings and make evidential DVD or CD copies of events. Review stations can be separate from the operator stations and can be installed in secure locations away from the main operation area. Event logs and recordings are password protected and can only be reviewed and copied by authorised personnel

REMOTE MONITORING / EMERGENCY CONTROL ROOMS

Systems can operated and reviewed locally or remotely over secure IP networks. Operator stations can be configured to monitor part of a system a whole system, or more than one system enabling the configuration of zoned systems with 'night-time' and emergency control rooms.

MODULAR RACK MOUNTED CONTROL SYSTEM

MODULAR UNITS

Our control system is based on modular units, enabling Folknoll to construct a system to suit your requirements. All modules are fully compatible and can be combined to create integrated cell call, affray alarm, intercom, locking control, and video systems. All modules have pluggable terminals for easy connection and wiring.

Non-PC based units are hot-swappable for easy maintenance, simply set the address on the dip switches and swap.

BUILT AND TESTED BY EXPERIENCED ENGINEERS

Our control racks are built in our factory by experienced engineers, and are fully tested by our dedicated engineering team so you can be confident when our system arrives on your site it will be operating reliably.

CONTROL MODULES

VC 7000-013 CODEC MODULE

Interfaces videcom audio system to IP network for monitoring by PC Operator Stations. Queues and distributes calls.

VC 7000-016 RECORDER MODULE

Raid storage for event logs, audio and lip-synch video recordings.
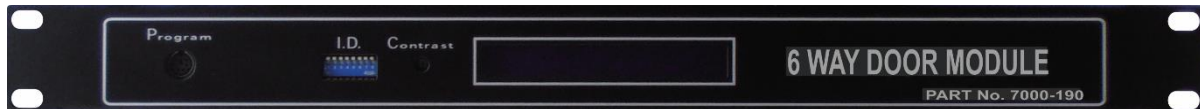
VC 7000-014 WORKSTATION MODULE

Workstation PCs are usually mounted in rack with KVM AUDIO extenders to reduced clutter in operation area.
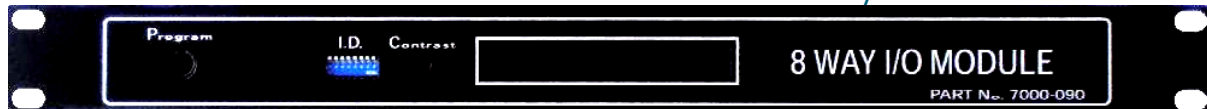
VC 7000-015 REVIEW STATION MODULE

Allows authorised users to review logs and recording and make evidential DVDs.

7000-190 6 WAY DOOR CONTROL MODULE

Controls and monitors up to 6 doors.
Releases door locks.
Monitors door status.
Optional interlocking.

7000-090 8-WAY CALL POINT AND ALARM STRIP I/O MODULE

Monitors call points and tamper alarms.
Interfaces to beacons and sounders.
Controls illuminated alarm strips.

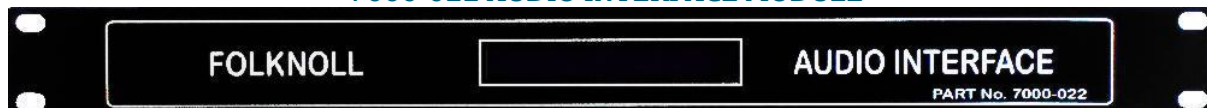## 7990-182 8-WAY INTERCOM EXCHANGE MODULE

Controls Videcom outstations.
Routes bidirectional audio streams.

7000-084 8-WAY VIDEO MATRIX MODULE

Routes analogue video streams from intercoms and CCTV cameras.

7000-022 AUDIO INTERFACE MODULE

Interfaces Videcom audio and control to CODEC.

7000-190M BEACON/SOUNDER CONTROLLER

7000-090M AFFRAY ALARM CONTROLLER

ANNUNCIATORS

The system can be fitted with sounders, beacons and specialist indicator panels to alert staff and indentify the source of the alarm.

Larger systems can be zoned to isolate the alarmed area and concentrate responses.
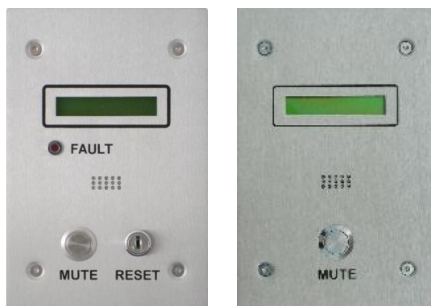
SOUNDERS AND BEACONS

Located in corridors, entrances etc. to alert staff to alarm activation.

STANDARD INDICATOR PANELS

Simple LEDs for alarm zones with built-in sounders to identify alarm source.

CONFIGURABLE LCD PANELS

LCD displays with customised alarm fault and status messages in stainless steel panels, with keyed reset switches, mute buttons ,etc.

CUSTOM PANELS AND ENGRAVING

A complete design and manufacture service for customised indicator panels to suit your site.

THIRD PARTY INTERFACES

Relay serial and network interfaces for approved third party systems, including:

ACCESS Control
CCTV
SMS
BMS

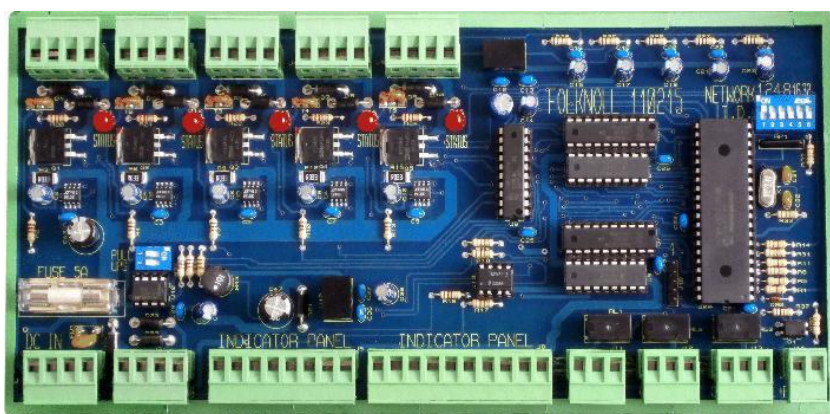# STAND-ALONE INTELLIGENT AFFRAY ALARMS

The intelligent affray alarm system comprises a number of components that can be assembled to construct a variety of alarm strip systems.

We offer a choice of standard, illuminated, IP65 strip switches, a range of colours and fixings, standard and customised indicator panels, custom engraving and alarm messages, control for up to 150 strips, outputs for additional sounders beacons etc., options for integration with custody suite and other security systems

FEATURES

- Range of standard, illuminated and IP 65 alarm strips, push buttons, beacons etc.
- Control and monitoring for up to 150 zones
- Alarm strip illumination control (on when normal, flashing if alarm, off if fault detected)
- Alarm strip fault monitoring
- Alarm outputs for local and central beacons, sounders etc.
- Momentary outputs for radio interface
- Standard LCD and LED remote indicator panels, customised panels on request
- Outputs for BMS and security systems
- Can be fitted to existing systems to add fault monitoring and illumination control
- Can be integrated with Folknoll Group Ltd custodial and custody suite systems
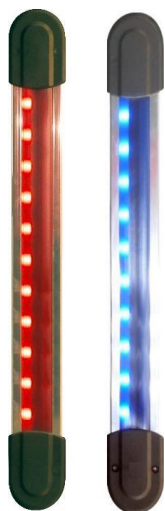
CONTROLLERS

The heart of the system is our new 5-zone alarm strip controller. These monitor the strips for alarm presses and faults. The boards have outputs to drive local beacons and sounders and remote indicator panels.

Controllers can be networked together to monitor up to 150-zones

INDICATOR PANELS

For smaller systems we offer tough stainless steel standard and custom LED indicator panels

For larger systems we offer configurable LCD panels, with custom messages for faults and alarms.
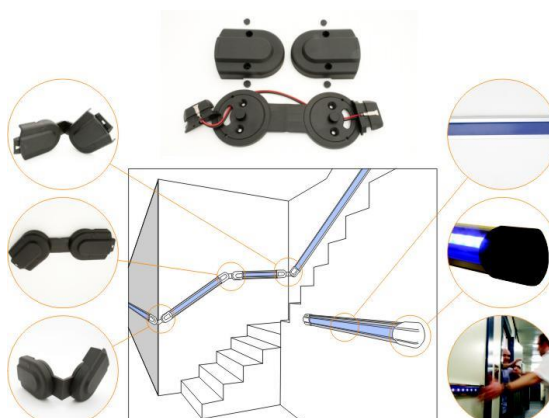
ILLUMINATED ALARM STRIPS WITH FAULT DETECTION

We offer a range of standard and water resistant illuminated alarm strips. The illumination draws attention to the alarm system reassuring users and acting as a deterrent to others.

The LEDs are continuously illuminated, if an alarm is activated the activated strip flashing indication the alarm has been raised.

If a fault is detected in a strip the illumination is switched off and the fault reported on an alarm panel or other. Staff know that the strip is not working and should be repaired immediately.

FITTINGS

A range of brackets, corners and other fittings are available to install the alarm strips in most loactions.

STAND-ALONE CELL CALL SYSTEMS

Folknoll offer a range of tough, reliable, anti-ligature, custodial cell call equipment for use in Prisons, Magistrates' Courts, Police Custody Suites and similar establishments. Our systems can be combined with CCTV, affray alarm, general alarm, intercom, door locking control/monitoring, building alarms and other custodial systems to provide a complete solution.
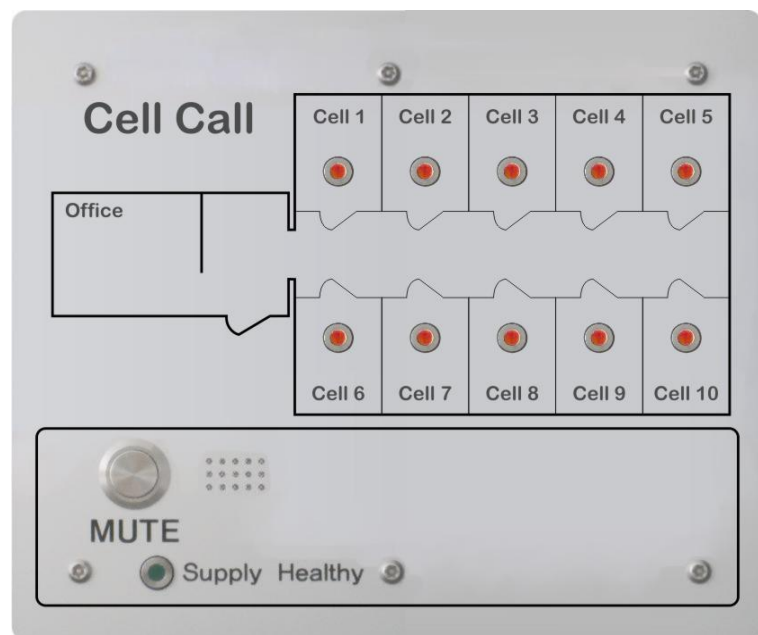
PRODUCT RANGE

We have a full range of standard units available including CCUs, audio CCUs, CRUs, LIUs and WDUs. We also offer safer cell units such as SAMARITAN CALL units and panic buttons.

CUSTOM PANELS

We design, build and install custom panels to suit your requirements. We offer extra thick vandal resistant robust construction, anti-tamper fixings, vandal resistant buttons, LEDs, sounder and speaker grills.

IDEAL FOR CHALLENGING ENVIRONMENTS

REFURBISH EXISTING SYSTEMS

Our cell call control system can replace and upgrade obsolete equipment, reusing existing cabling and retaining existing faceplates to reduce costs and disruption.

COMBINE WITH OTHER SYSTEMS

To simplify operation, reduce desktop clutter etc, our system can be combined with other custodial systems including general alarm, CCTV, building alarms, door locking and our new illuminated alarm strip affray system.

SUPPORT SERVICES

At Folknoll, we know that the supply and implementation of our Custodial Systems products is only part of the solution. Systems also need routine maintenance and emergency support throughout their life cycle.

For over 30 years Folknoll have been offering quality contract and ad hoc support to our clients, covering systems supplied by ourselves and third parties including:-

- General Alarm
- Cell Call / Safer Cell / Samaritan Call
- Locking Control
- Disabled Refuge EVC
- Disabled Toilet Alarms
- Sliding Doors
- Fire Telephone Systems
- Intercom /Videcom systems
- SMS (Security Management Systems)

Our technical staff are all security cleared to Enhanced CRO and CTC level, and hold CSCS cards. Our NQA ISO 9001 accreditation ensures the quality required to deliver these critical services. We are also CHAS and safe contractor approved; guaranteeing all works will be implemented safely in line with your requirements.

So whether you require a support contract, help with a specific issue, or just a second opinion we would be pleased to assist. Call our sales department on 01763 234567 and to arrange the best and most cost effective support available.

STANDARD PRODUCT ENGINEERING

Folknoll know that sometimes you need a special feature to comply with clients requirements or to stand out in the crowd. That is why we offer a Standard Project Engineering service to adapt an existing product to match your needs.

DESIGN SERVICE

If your requirements cannot be met by modifying existing equipment Folknoll offer a full bespoke design service to produce the system you need.

COMMISSIONING, TERMINATION, TESTING, TRAINING

To help you get the job done fast Folknoll offer on-site remote commissioning, configuration and training services.

TECHNICAL SUPPORT

Folknoll have a team of experienced engineers offering a full on-site or remote technical support service.

ABOUT FOLKNOLL

We are a UK based systems design, manufacturing and installation company. Since 1975 we have been supplying tough, reliable, practical, alarm and control systems for the private and public sectors. All of our products and systems have been designed for easy installation and low maintenance by experienced engineers. As original manufacturers, all of our products and systems can be customised to suit your requirements. We also offer individual annotation, custom engraving and special finishes for all of our equipment.

GET IN TOUCH

Please contact us for further information about our wide range of products and services and find out how we can provide a solution for you.