

Building Systems



Product Range

FOLKNOLL GROUP LTD

For more than 30 years we have been leading suppliers of audio visual communications equipment and security locking systems. We supply a large range of standard and specialist products for the high security, building and care industries. All of our products are design by experienced engineers for easy installation, simple configuration, straightforward operation, excellent testing facilities, low maintenance, high reliability 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 Intercoms and General Alarm Systems for the Prison Service. We are proud of our reputation for robust and reliable equipment.

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 and CHAS 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 us an email sales@folknoll.co.uk or visit our website www.folknoll.co.uk for further information on any of our product ranges.

DISABLED REFUGE EVC



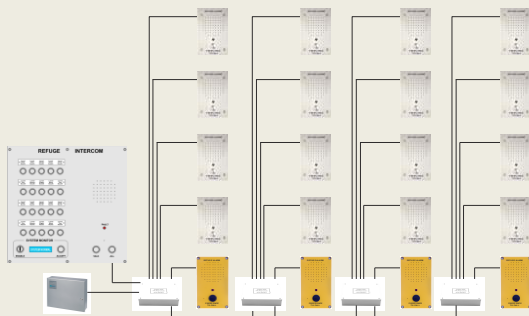
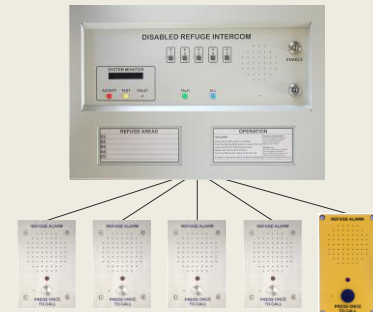
- Designed for compliance with BS 5839-9:2011
- Simply installation, configuration, operation
- Audio path testing, fault monitoring and reporting
- Battery backed PSU, 24 hours standby and 30 minutes operation
- Choice of external and internal vandal resistant outstations
- Pro-outstation with Braille, induction loop and photo luminescent fascia
- Adjustable audio levels (maximum 80dB for noisy environments)
- Accommodates larger fire resistant cable types to comply with BS requirements
- I/O for BMS monitoring and control

All systems offer vandal resistant outstations, calling station identification, adjustable audio levels (up to 80dB), keyed enabled switch, battery backed operation, automatic audio path testing, internal fault monitoring and I/O for external devices.

Compact Systems

(10 or less refuge areas)

Equipment, cabling and installation costs are reduced without compromising functionality by building the system controller, the battery backed PSU, the system master station and cable termination into a single fire panel sized wall mounted enclosure.



Standard Systems

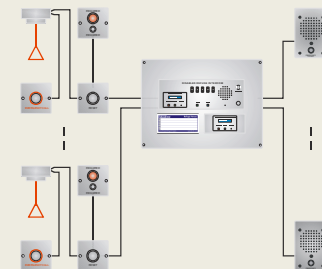
(more than 10 refuge areas)

Cabling options to save installation cost or match legacy cabling, vandal resistant master stations.

Combined Systems (Refuge/Toilets)

(Up to 10 refuge areas and disabled toilets)

All of the advantages of a compact system with integral disabled toilets alarm monitoring. Interfaces directly with Folknoll Disabled Toilets Alarm systems. Reduces equipment costs and control room space.



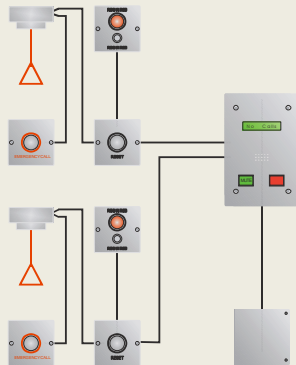
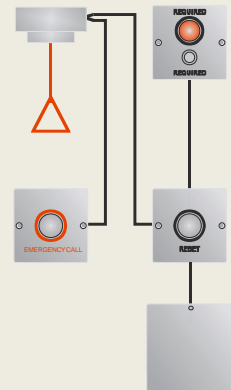
DISABLED TOILETS ALARM



- Choice of ceiling pull cords and vandal resistant call buttons activators
- Range of beacon/sounder annunciator units
- Reset inside toilet
- Activation delay to reduce risk of accidental activation
- Remote monitoring (can be monitored from Disabled Refuge EVC system)
- LAN interface
- Battery backed operation

Stand Alone Systems

The stand alone system is an independent disabled toilets alarm system comprising one or more activators, (typically ceiling pull cords and/or emergency call buttons), one or more alarm annunciators, a reset unit and a battery backed PSU. Folknoll offer a range of disabled toilets alarm modules and can manufacture custom units to suit your requirements.

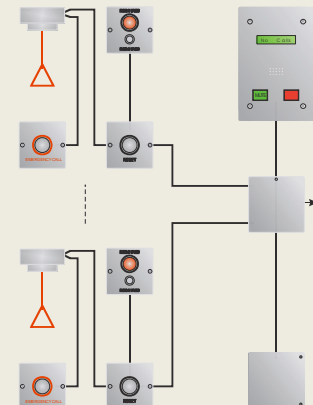


Remotely Monitoring Systems

Stand alone disabled toilets alarms can be monitored by one or more remote indicator panels. In the event of alarm activation each remote indicator panel emits an audible tone and displays a custom message identifying the source of the alarm. Remotely monitored systems are usually powered from a single battery backed power supply to ensure continued operation in the event of a mains failure.

Extended Systems

Remotely monitored systems can be extended by the addition of system controllers. Each system controller can monitor up to 16-off stand-alone toilet systems. If required up to 16-off system controllers can be networked together to monitor up to 256-off stand-alone toilet systems.



LAN Interface

A LAN interface is available to enable remote systems to monitor and record alarm activations.

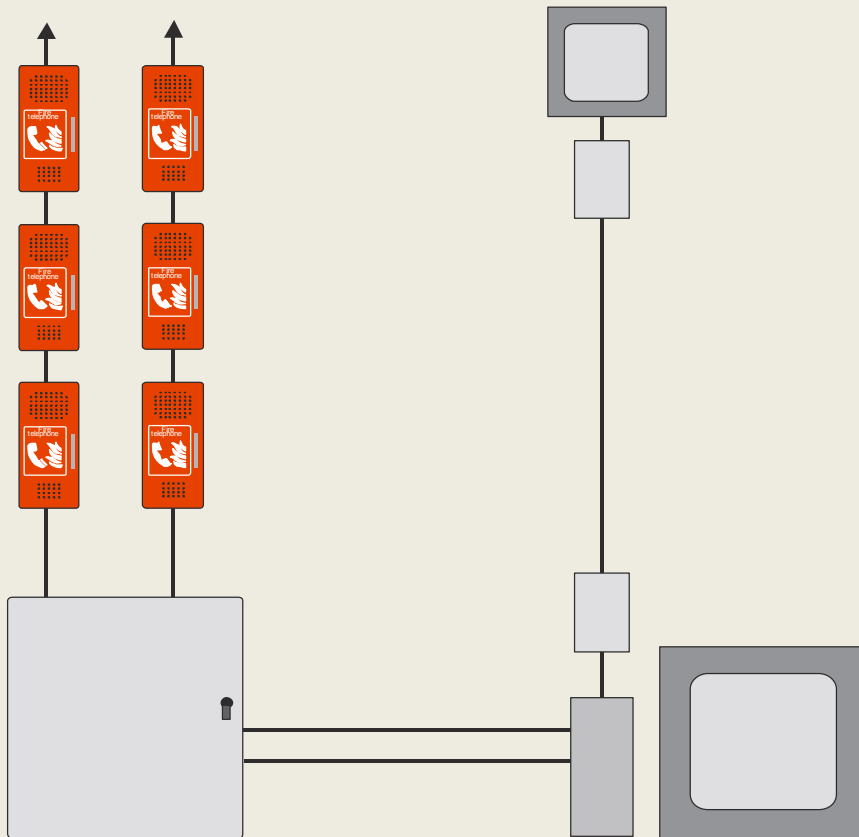


FIRE TELEPHONE SYSTEMS



- Robust well proven design
- BS5839:9 compliant
- Cable fault monitoring
- Standby battery operation
- Provision for fire resistant cabling
- Loop through cabling to reduce costs

The Folknoll Fire Telephone System is designed to help you meet the requirements of BS5839:9 (Code of Practice for Emergency Voice Communications Systems. With cable fault monitoring, standby battery power supplies, provision for heavy fire resistant cabling etc. The system is also designed for easy installation, loop through cabling, easy configuration, easy operation reducing you and your clients costs.



PC Master Station

User friendly plan based based touch screen workstation.

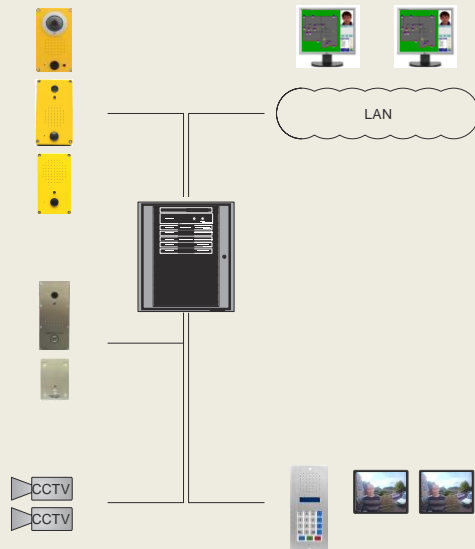


Fireman's Telephone

Vandal resistant red fire telephone box with tamper detect switch.



INTERCOM AND VIDECOM SYSTEMS



- Vandal resistant outstation
- Range of indoor/outdoor outstations
- Range of video cameras and illuminators for low light, and wide range environments
- Adjustable audio output up to 80dB for noisy environments
- Can be integrated with CCTV
- Can be integrated with access control
- Traditional and PC master stations
- Analogue and network options
- 24V operation

Vandal Resistant Design

All panels are designed to be vandal resistant and fitted with vandal resistant switches, displays, speaker grills etc.

User Recognition and Image Quality

Folknoll recognise the need to accurately identify users. Video rendering quality will vary greatly depending on lighting conditions, and lighting conditions will vary from location to location.

Standard Dynamic Range Image Sensors

Standard cameras can over expose highlights, under expose low lights or both depending on the aiming point. Over exposure can cause secondary effect such as whiteouts. Under exposure can cause granulation and patterning.



Folknoll Wide Dynamic Range Image Sensors

For locations with high background light levels Folknoll offer wide dynamic range image sensors. Wide dynamic range sensors capture images adjust the image to match light and dark areas of the scene. Bright areas are darkened, dark areas are brightened, vertical smear and pixel blooming are reduced resulting in more accurate colour rendering under difficult lighting conditions, such as backlighting, glare and other high contrast scenes.



Standard IR Illuminated Image Sensors

Intercom users tend to be within an arm's length of the outstation. Standard IR cameras used at this range tend to suffer from bright highlights/glare/reflection making user recognition difficult.

Folknoll Diffused IR Illuminated Image Sensors

For locations with low light levels Folknoll offer diffuse IR illumination. The diffused IR Videcom outstation is fitted with a high resolution high sensitivity wide dynamic range camera and diffused IR light, which combine to reduce close up highlighting, glare and reflections.

Outstations

Folknoll offer a wide range of audio and audio video outstations to suite site requirements. The range includes wall and flush mount internal and external designs, optional buttons and annotation and a variety of video image sensors with high resolution, high dynamic range, and illuminated options. All outstations are vandal resistant by design.



Traditional Master Stations

The Videcom range included surface and flush mount traditional vandal resistant panel master stations. A range of video is available to display live video from the calling station or CCTV cameras to enable visual identification of callers.

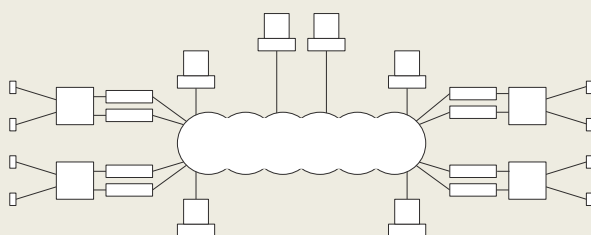


PC Master Station

User friendly plan based PC master stations built into PCs, with live video streams on the PC monitor and audio presentation using PC speakers, microphones or headsets. PC master stations can be networked system over dedicated or existing network infrastructure enabling the implementation of remote and emergency operator station.

Control Equipment

Videcom control equipment is designed around our robust well proven 24v audio exchange and video matrix equipment. We have a full range of modules enabling us to provide the solution you need. Folknoll control equipment is supplied mounted in racks complete with pre-wired termination rails etc.



Site-Wide Systems

Local Videcom Systems can be networked over IP to form site-wide intercom systems. Video and audio can be streamed across the network allowing authorised operators to handle calls from intercom users from across the site.

System Integration

Videcom systems can be seamlessly integrated into Folknoll SMS security management systems. Calls can be accepted and cancelled from the SMS operator station. Outstation image sensor and CCTV video streams are incorporated into the SMS GUI. Caller and operator audio are processed by the SMS workstation and can be presented and accepted on PC speakers, headsets and microphones. Additional interfaces are available for integration with third party equipment.

PCs and Networking Equipment

All PCs and networking equipment are based on industry standard equipment for long term support. System time may be derived from an off-air rugby clock or GPS depending on site conditions. UPSs are offered if required.

DOOR ENTRY SYSTEMS



Folknoll offer an extensive range of door entry systems and accessories including: code locks, magnetic stripe locks, concierge systems, DDA compliant, and video entry systems.

For all of our video entry systems we offer a range of high-dynamic range video cameras with optional IR illumination for enhanced caller identification in difficult lighting conditions.

We can supply small door entry kits, large door entry systems and provide a professional door entry design, installation and maintenance service.

Choice of Master Stations In-Room Equipment

For all of our door entry systems we offer a choice of vandal resistant wall mounted master stations, video monitors PC based master stations, in-room handsets or wall mount intercom units with optional video display.



DDA Intercom Units

We have a range of standard DDA intercom units with vandal resistant fascias. These specially designed units can come with, Braille buttons, Braille annotation, high contrast fascias, luminescent annotation, and induction loops to suite your application. To aid caller identification our high dynamic range and illuminated video camera options are also available for DDA units.

Custom Panels

As manufacturing company all of our designs can be customised to suit your requirements. We can change the number of buttons and annotation to suite your premises. We can change the look and feel of our equipment to match your site, and if required, Folknoll can design and manufacture bespoke equipment panels.

You decide buttons, materials, colours, annotation function.



VOICE TRANSFER SYSTEMS



Folknoll supply a full range of vandal resistant voice transfer systems, induction loops, speakers, microphones, amplifiers, monitoring equipment etc. Folknoll also offer a complete design installation and maintenance service to suite your environment, information desks, shops, counters, kiosks, banks, police stations, HMPs establishments etc.

ACCESS CONTROL SYSTEMS



- Wide range of equipment
- Can be integrated with intercom/videcom
- Can be integrated with CCTV
- Vandal resistant indoor/outdoor DDA panels available
- Vandal resistant indoor/outdoor custom panels available
- Standby battery operation
- Integration with Fire alarm system

Folknoll supply a wide range of access control systems and customised panels with options for integration with CCTV and intercom/videcom.

Folknoll offer a complete design, install, commissioning and maintenance service for access control and other systems. Supplying the right solution for your requirements.

PUBLIC ADDRESS SYSTEMS



Folknoll design, build and supply public address system with vandal resistant speakers for general announcements, music, automatic and alarm announcements music systems, with control interfaces for BMS and other systems and battery backup for continued operation in the events of a mains failure.

CCTV SYSTEMS



- Range of indoor outdoor housings
- Range of colour/mono with moving IR filters
- Range of wide dynamic range cameras
- Range of illumination
- IP, analogue or combined systems
- Can be integrated with access control
- Can be integrated with intercom/videcom
- Custom features available on request

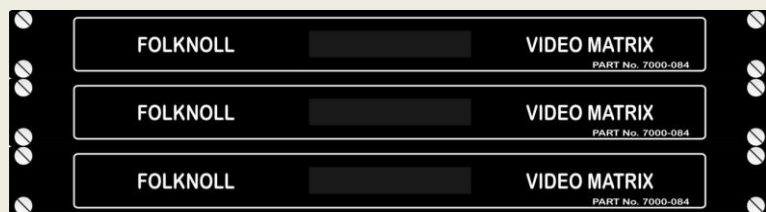
Folknoll design install/upgrade commission and maintain a large range of third party CCTV systems. We also manufacture our own range of CCTV equipment that can be customised to suit your requirements.

Analogue, IP or Combined Systems

Analogue systems offer “real-time” video for demanding users. IP systems offer infrastructure saving, a wider range of video analytics and may also offer ease of operation, ease of reviewing etc. Combining analogue and IP systems can offer the best of both worlds allowing “real-time” video for local operators and taking advantage of network infrastructure to provide remote, supervisory, emergency standby or other operators. Combined systems can reduce cost by making use of legacy analogue infrastructure extending the useful life of existing equipment. The choice of system depends on your requirements and existing equipment Folknoll have the experienced engineers to help you make the right decision.

Analogue Matrix Units

Folknoll offer rack mountable video matrix units for analogue and combined system. Folknoll video matrix units can be can be stacked to form large video matrices.



IP CODEC

Folknoll’s IP CODEC offers an interface between analogue and digital CCTV systems. Enabling the upgrading of legacy systems whilst maintaining the existing investment in transmission and other infrastructure. Folknoll’s IP CODEC also allow the integration of audio from intercoms etc into the “CCTV” system.

Operator Workstations



Folknoll offer our user friendly GUI based PC operator systems for IP systems. This enabled integration with other systems. For analogue systems Folknoll can also offer traditional master stations with video monitors

SUPPORT SERVICES

At Folknoll, we know that the supply and implementation of our Building 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:-

- Disabled Refuge EVC
- Disabled Toilets Alarm
- Fire Telephone Systems
- Intercom and Videcom systems
- Personal Address
- Voice Transfer
- Access Control
- Door Entry

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 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 Brian or Dave 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

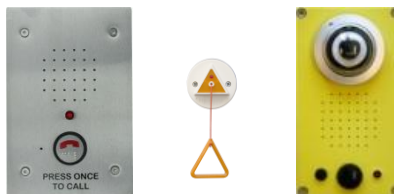
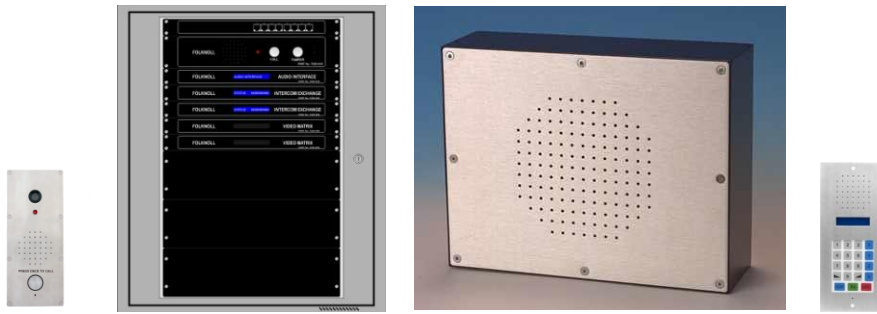
If your requirements cannot be met by modifying existing equipment Folknoll offer a full bespoke design service.

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.



Folknoll

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