

## SPOTLIGHT ON Emergency Voice Communication Systems

Emergency Voice Communication Systems (EVCS) play a critical role in the safe design of buildings and are commonly a mandatory design feature.

### EVCS Legislation

The main standards covering EVCS are Approved Document B (Fire Safety) and BS5839 part 9:2011 - which states that all non domestic buildings over one story require EVCS at each protected stairway.

A protected stairway is a relatively safe place where people who cannot easily use fire escapes or evacuation lifts, can call for assistance and wait until help arrives.

### Purpose of EVCS

EVCS allow voice communication in either direction between a central control point and a number of other points throughout a building during or after a fire to aid the egress of both able and disabled people.

2 Different types of EVCS exist – Fire Telephones and Disabled Refuges. These must be combined into 1 system if both are required within a building

### Fire Telephone Type A Outstations

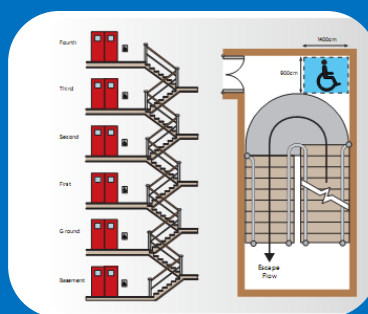
Fire telephones (Type A outstations) are typically used by management personal and the Fire Brigade to communicate during and after a fire.

### Disabled Refuge Type B Outstations

Hands free (Type B) outstations are used to inform the control station that someone needs immediate assistance.

### Typical Type B System Design

Installed at each level above ground floor on the protected stairwell.



### Latest Regulations

Recent legislative changes to the type of cable and outstations that can be used have been made.

### Popular Manufacturers

Wandsworth & Baldwin Boxall are commonly specified manufacturers. Other equipment manufacturers such as Cooper Fire Systems offer equivalent equipment, often at reduced prices to the end user. Please contact us for further information.

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## Communication Systems

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- Electronic Signage
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- Public Address
- Fire Alarm Voice Evacuation
- Background Music
- Doctor/ Reception/ Patient Call
- Refuge Intercoms
- Queuing Systems

## TV/ Radio/ Satellite

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- NetworkingVoice / Data Systems
- IRS – TV/Radio/Satellite

## Maintenance

- Fully comprehensive
- Labour only
- Yearly check
- For 1/ 3/ 5 years
- Maintenance agreements and repair facilities offered on systems not installed by ACS

## Security Systems

- Intruder
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- CCTV
- Access Control
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- Automatic Gates/ Barriers

## Specialist Solutions for: Academies, Colleges and Schools

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- Specialist Equipment & Furniture
- Disposal of Redundant Electric/ Electronic Equipment
- Synchronised Time Clocks
- TV & Satellite Systems

## DDA Compliance

- Induction Loops and Infra Red Systems for the Hearing Impaired installed in Reception desks, Multi Purpose Rooms, Function Rooms, Churches, Classrooms
- Refuge Area Communication Systems
- Soundfield Systems for Schools, Colleges
- Accessible Alarms for toilets, showers, changing rooms
- Automatic Door Operators

## Corporate Solutions

- Training Room AV Equipment
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- AMX Control Systems
- Electronic Signage & Messaging TV
- Synchronised Clocks