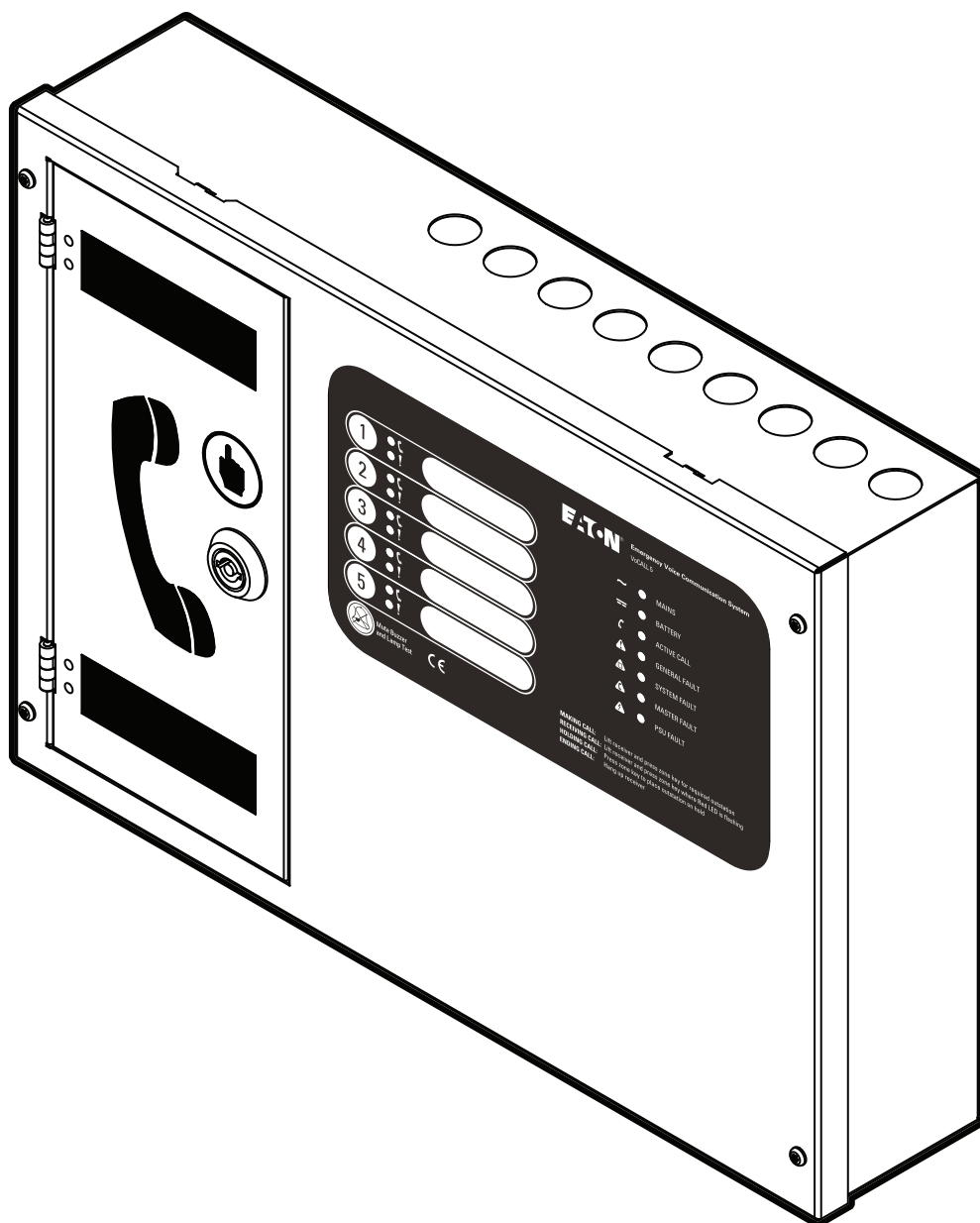


# VoCALL 5 Line Exchange Unit

## Log Book



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# 1. Maintenance

It is a requirement of BS5839pt9 that a maintenance agreement be in place for the EVCS, the maintenance schedule should be as follows:

**Weekly:** **By the responsible person or their agent**, lift a different handset on the system each week and make a call to the control, repeat each week until all points are tested, record results in the site log.

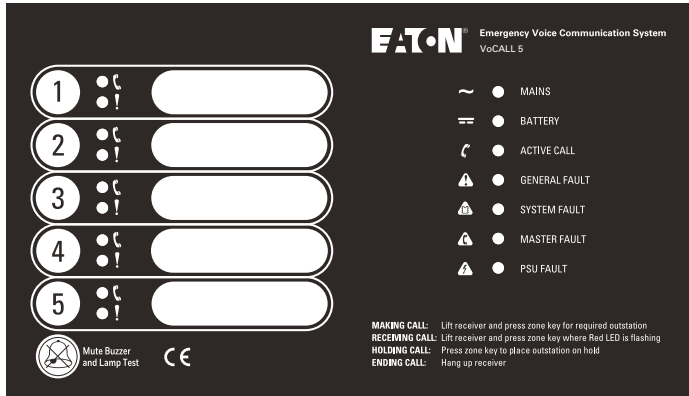
**6 Monthly:** Engineer Call to check system operation and check battery health.

**5 Yearly:** Engineer Call to check system operation and replace the batteries.

Different maintenance schedules may be required in different countries, please check your local standards.

## 2. Summary of User Operation

### 2.1 Indications and Controls



#### Indicators (Green)

Mains	Indicates healthy mains
Battery	Indicates healthy battery and charger healthy

#### Indicators (Yellow)

General Fault	A fault exists on the system
System Fault	Main panel fault, engineer assistance is required
Master Fault	Master handset fault
PSU Fault	Either the AC supply or DC supply is unavailable, or a fuse has ruptured
Exclamation Mark Symbol	Outstation zone fault

#### Indicators (Red)

Active Call	Call in progress
Zone Handset Symbol:	
- Master Calling Zone	Quick Flash
- Zone Calling Master	Quick Flash
- During Call	Solid
- Holding Call	Slow Flash

## 3. User Operation

All conversations on the VoCALL 5 are under the command of the control handset.

### 3.1 Receiving a call at the main panel

Lift the receiver; press the zone key where the Red LED is flashing. When connected the Red LED will go steady and the outstation will be connected to the handset.

To end the call, hang-up receiver or press the zone key again to place the outstation on HOLD (the zone led will flash slowly when held).

### 3.2 Making a call from the main panel

Lift the receiver; press the zone key for the required outstation, the Red LED on the zone key will flash. When the outstation answers the call the Red zone LED will go steady and the handset will connect to the called outstation.

To end the call, hang-up receiver or press the zone key again to place the outstation on HOLD (the zone led will flash slowly when held).

### 3.3 Accepting Faults

Press the mute buzzer key; this will silence the “waterfall” tone, while the fault exists the fault buzzer will “beep” once every 15 seconds until the fault is rectified. The buzzer will resound on each new fault.

Note the fault in the log book.

### 3.4 Panel Test

Press and hold the mute buzzer key for 5 seconds, the fault buzzer will sound and all status LEDs will Light.

## 4. Certificates for an Emergency Voice Communication System (EVCS) to BS 5839-9

### 4.1 Design certificate

Certificate of design of the EVC system at:

Address

Postcode

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the design of the EVC system, particulars of which are set below, CERTIFY that the said design for which I/we have been responsible conforms to the best of my/our knowledge and belief with BS 5839-9:2011, Section 2 except for the variations, if any, stated in this certificate.

Name (in block letters)

Position

Signature

Date

For and on behalf of

Address

Postcode

Variations from the recommendations of BS 5839-9:2011, Section 2

Extent of system covered by the certificate

#### Installation and commissioning

It is strongly recommended that installation and commissioning be undertaken in accordance with BS 5839-9:2011, Section 3 and Section 4.

#### Verification

Verification that the system conforms to BS 5839-9:2011 should be carried out, on completion, in accordance with BS 5839-9:2011, Clause 26.

Yes  No To be decided by the purchaser

#### Maintenance

It is strongly recommended that, after completion, the system is maintained in accordance with BS 5839-9:2011, Section 5.

#### User responsibilities

The user should appoint a responsible person to supervise all matters pertaining to the EVC system in accordance with BS 5839-9:2011, Section 6.

## 4.2 Installation certificate

Certificate of installation of the EVC system at:

Address

Postcode

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the installation of the EVC system, particulars of which are set below, CERTIFY that the said installation for which I/we have been responsible conforms to the best of my/our knowledge and belief with BS 5839-9:2011, Section 3, except for the variations, if any, stated in this certificate.

Name (in block letters)

Position

Signature

Date

For and on behalf of

Address

Postcode

The extent of liability of the signatory is limited to the system described below.

Extent of system covered by the certificate

Specification against which the system was installed

Variations from the specification and/or BS 5839-9:2011, Section 3

Wiring has been installed and tested in accordance with BS 5839-9:2011, Clause 14.  
Test results have been recorded and are provided on the appended BS 7671 electrical installation certificate

Unless supplied by others, the as-fitted drawings have been supplied to the person responsible for commissioning the system [see BS 5839-9:2011, Clause 23c)].

### 4.3 Commissioning certificate

<b>Certificate of commissioning of the EVC system at:</b>	
<b>Address</b>	
	<b>Postcode</b>

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the commissioning of the EVC system, particulars of which are set below, CERTIFY that the said installation for which I/we have been responsible conforms to the best of my/our knowledge and belief with BS 5839-9:2011, Clause 22, except for the variations, if any, stated in this certificate.

<b>Name (in block letters)</b>		<b>Position</b>	
<b>Signature</b>		<b>Date</b>	
<b>For and on behalf of</b>			
<b>Address</b>			
		<b>Postcode</b>	

The extent of liability of the signatory is limited to the system described below.

<b>Extent of system covered by the certificate</b>

<b>Variations from BS 5839-9:2011, Clause 22.</b>

**All equipment operates correctly.  
 Installation work is, as far as can be reasonably ascertained, of an acceptable standard.  
 The entire system has been inspected and tested in accordance with BS 5839-9:2011, Clause 22.  
 The system performs as required by the specification prepared by:**

a copy of which I/we have given.

**The documentation described in BS 5839-9:2011, Clause 23 has been provided to the user.  
 The following work should be completed before/after (delete as applicable) the system becomes operational**

#### 4.4 Acceptance certificate

**Certificate of acceptance of the EVC system at:**

Address

Postcode

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the acceptance of the EVC system, particulars of which are set below, **ACCEPT** the system on behalf of:

Name (in block letters)

Position

Signature

Date

For and on behalf of

Address

Postcode

The extent of liability of the signatory is limited to the system described below.

**Extent of system covered by the certificate**

- All installation work appears to be satisfactory.
- The system is capable of providing an audible and intelligible two-way voice communication.
- The following documents have been provided to the purchaser or user:
  - As-fitted drawings.
  - Operating and maintenance instructions.
  - Certificate of design, installation and commissioning.
  - A log book.
- Representatives of the user have been properly instructed in the use of the system, including, at least, operation of master stations and outstations and fault identification.
- All relevant tests, defined in the purchasing specification, have been witnessed. (Delete if not applicable.)

**The following work is required before the system can be accepted**



## 4.5 Inspection and servicing certificate

**Certificate of servicing of the EVC system at:**

<b>Address</b>		
	<b>Postcode</b>	

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the servicing of the EVC system, particulars of which are set below, CERTIFY that the said installation for which I/we have been responsible conforms to the best of my/our knowledge and belief with BS 5839-9:2011, Clause **29**, except for the variations, if any, stated in this certificate.

<b>Name (in block letters)</b>		<b>Position</b>	
<b>Signature</b>		<b>Date</b>	
<b>For and on behalf of</b>			
<b>Address</b>			
	<b>Postcode</b>		

The extent of liability of the signatory is limited to the system described below.

**Extent of system covered by the certificate**

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**Variations from BS 5839-9:2011, Clause 21**

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**Relevant details of the work carried out and faults identified have been entered in the system log book**

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## 4.6 Modification certificate

**Certificate of modification of the EVC system at:**

**Address**

**Postcode**

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the modification of the EVC system, particulars of which are set below, CERTIFY that the said installation for which I/we have been responsible conforms to the best of my/our knowledge and belief with BS 5839-9:2011, Clause **21**, except for the variations, if any, stated in this certificate.

**Name (in block letters)**

**Position**

**Signature**

**Date**

**For and on behalf of**

**Address**

**Postcode**

The extent of liability of the signatory is limited to the system described below.

**Extent of system covered by the certificate**

**Variations from BS 5839-9:2011, Clause 21.**

Following the modifications, the system has been tested in accordance with BS 5839-9:2011, Clause **21**. Test results have been recorded and are provided on the appended BS 7671 electrical installation minor works certificate.

Following the modifications, as-fitted drawings and other system records have been updated as appropriate.

**I/we the undersigned confirm that the modifications have introduced no additional variations from BS 5839-9:2011 other than those recorded above**

**Signed**

**Capacity**

(e.g. maintenance organization, system designer, consultant or user representative)

Site Specific Information	
Equipment Location	
Compact Handset	
Responsible Person	

### 5. Outstations Locations

Cable ID	Line	Area Served
	1	
	2	
	3	
	4	
	5	









**Eaton Electrical Systems Ltd.**  
Wheatley Hall Road  
Doncaster  
South Yorkshire  
DN2 4NB

**Eaton**  
EMEA Headquarters  
Route de la Longeraie 7  
1110 Morges, Switzerland  
Eaton.eu

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