



Addressable Cell Call System
& TCP/IP Enabled PA
Installation & Operation Guide



Product Description

The **Intercall Addressable Cell Call System** is a complete solution designed to meet the needs of the most recent Prison Service specification to include historical system event recording and a host of other features required in a modern establishment. All units are finished in brushed stainless steel with vandal resistant buttons and large diameter high brightness LED indicators, secured to the wall fixings by means of tamper resistant screws.

Inside the Cell

The **Cell Call Points** are located within the cell and feature cell call push with integral low level illumination and call re-assurance indication. All Call Point plates are brushed stainless steel secured with tamper resistant fixings. The range of in-cell units includes extra low voltage and mains cell light control, which may be by ELV switch or ELV stainless steel button operated in the cell. Single and twin 13Amp power outlets, coaxial/data outlets and in-cell entertainment control units are all available.

Outside the Cell

All call points within the cell are connected to a **Corridor Reset Unit** which permits the reset function for the cell and also provides corridor indication. All units are finished in brushed stainless steel, secured with tamper resistant fixings and feature vandal resistant components and indicators. The corridor indicator is a ultra high brightness, large diameter LED which has an incredibly long operational life and is highly resistant to physical abuse. The Corridor Reset unit also contains any mains voltage lighting switching if required. This includes the night light switch and ELV to LV cell and cell WC light switching channels.

On the wing landing

Landing Indicators are optional items which are located throughout the establishment on landings and/or in the stairwells, to indicate calls locally to the level. Finished in brushed stainless steel and secured with tamper resistant fixings, they are fitted with two or four ultra high brightness, large diameter LED's which correspond to the cells on each level. The units have an optional sounder which will activate to indicate active calls on any level if required.

In the Wing Office

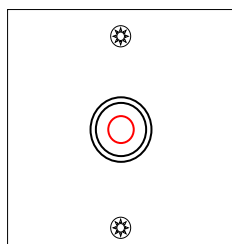
LCD Displays are generally located within the wing office to indicate the cell(s) in alarm and other system conditions. Finished in brushed stainless steel, and secured with tamper resistant fixings, all units feature two line back-lit LCD, bicolour system status indicator, integral audible alarm and stainless steel call accept button. The LCD will indicate the individual calling cell(s) together with all system status information. The integral audible alarm is adjustable by means of a pre-set control and may be set upon commissioning to the desired level. The system status LED indicates green for system ok and red for any system fault or non-normal condition.

Datalog

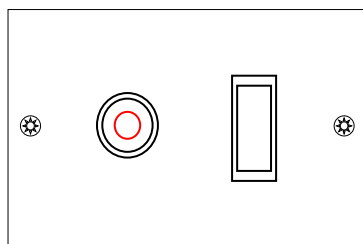
All system events including call, emergency, call accept, tamper, faults are recorded, together with the date and time, within the L7700cc Controller. This may be accessed using a standard web browser using the embedded TCP/IP Interface. Information can be searched and downloaded for further analysis. For Speech Voice systems, optional voice recording functions are available retrievable via the same datalog.

L7700CC Controller

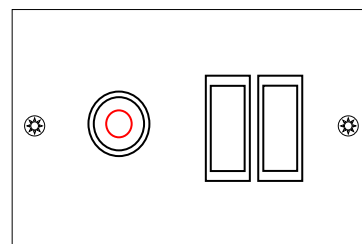
The Power Supply supplies the extra low voltage to operate the system and provides the space for the back-up batteries which provide the power in the event of a mains supply failure. Batteries are provided by others charger is suitable to float charge batteries at 13.8V only This unit has several on-board alarm indicators such as mains supply failure, charger failure etc and is generally located in a secure service cupboard etc. The unit also contains inbuilt datalogger with real time clock and embedded **TCP/IP** interface to YAAM floor plan GUI.



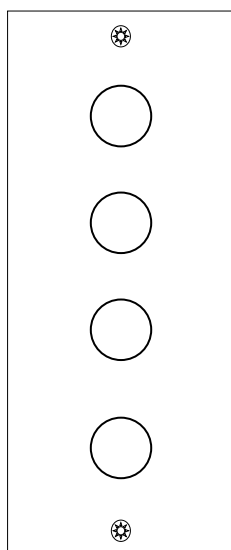
L7011 Cell Call Point



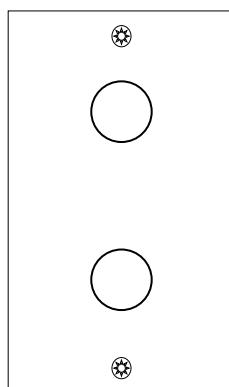
L7013 Cell Call Point c/w Light Switch



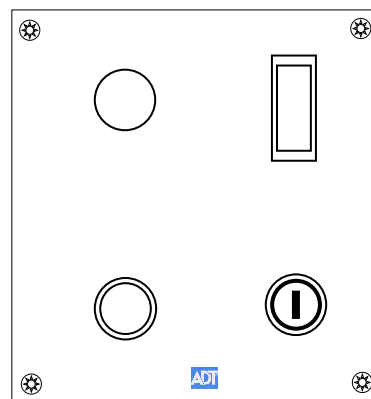
L7014 Cell Call Point c/w Twin Light Switches



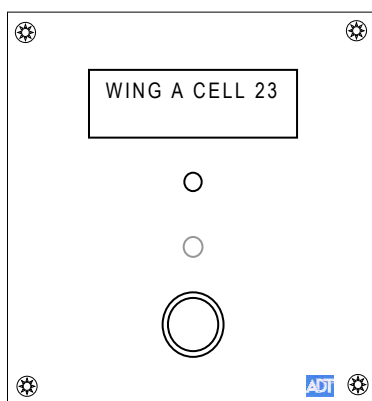
L7046 Four Level Landing Indicator



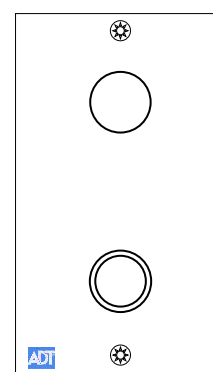
L7026 Two level Landing indicator



L7222 Corridor Reset Unit c/w Light Switch & attendance key-switch



L7018 Wing Office LCD Unit



L7021 Corridor Reset Unit

Unit	Size (W x H x D)	Flush Backbox	Flush Backbox Depth	Surface Backbox Order Code	Tamper-resistant Mounting Screws
L7011	85 x 85mm	'Single Gang'	35mm	U 1566	2 off M3.5 x 25mm
L7013	145 x 80mm	'Double Gang'	35mm	U 1592	2 off M3.5 x 25mm
L7014	145 x 80mm	'Double Gang'	35mm	U 1592	2 off M3.5 x 25mm
L7026	80 x 145mm	'Double Gang'	35mm	U 1592	2 off M3.5 x 25mm
L7046	80 x 210mm	'Triple Gang' (Volex VX7301)	35mm	U 1585	2 off M3.5 x 25mm
L7222	170 x 170mm	B3303	50mm	U 1569	4 off M5 x 25mm
L7021	84 x 144mm	'Double Gang'	35mm	U 1592	2 off M3.5 x 25mm
L7032	84 x 144mm	'Double Gang'	35mm	U 1592	2 off M3.5 x 25mm
L7018	170 x 170mm	B3303	50mm	U 1569	4 off M5 x 25mm
L7700	370 x 260 x 110mm	SELF CONTAINED SURFACE MOUNTING UNIT – SEE PAGE 18			
PLATES ARE MANUFACTURED TO SUIT BOXES DESCRIBED ABOVE – ALTERNATIVES ARE USED AT CLIENTS RISK					

SYSTEM FEATURES

- **Identification of individual cell.**

Each Cell location is programmed with specific text relating to the cell.

- **Embedded Data Logging as standard.**

All system events can be recorded on a printer or PC file server. – Meets new cell call specification

- **TCP/IP Interface IEEE802.3**

All system programming datalogging and interconnection is achieved via standard TCP/IP Ethernet.

- **Simple upgrade from traditional systems.**

Simple two wire network and standard size metalwork means a traditional system can be upgraded without the need to re-wire or go into the cell.

- **Bespoke Metalwork.**

Bespoke metalwork options are available to suit all sizes of traditional equipment.

- **Emergency call.**

Every cell can generate a staff emergency call from within the cell or at the corridor reset as standard.

- **Tamper alarm.**

Cell call points are fitted with tamper switches to prevent unauthorised removal.

- **Visit facility at every cell.**

A staff 'visit' can be initiated at all corridor reset units and this is recorded on the data logger with the date and time

- **'Man down' facility at every cell. *[Only available on certain units]***

A staff emergency call can be set to automatically activate after staff have 'primed' the system.

- **Landing Indicators.**

Simple zone lamps available to indicators which level has active calls.

- **Call Accept (Alarm Mute).**

Staff may accept a call and silence the audible alarm for a pre-set period. This action makes the corridor indicator lamp & landing indicator constantly illuminate so other members of staff know the call has been accepted.

- **Priority Call.**

Calls may be silenced once at the wing office, after which they convert to priority calls which must be reset at the point of call.

- **Reset at point of call.**

Calls can only be reset at the corridor reset unit.

- **Call Vectoring.**

The system may be vectored where only local calls are displayed within the wing or level from which they originate but emergency calls are shown throughout the establishment.

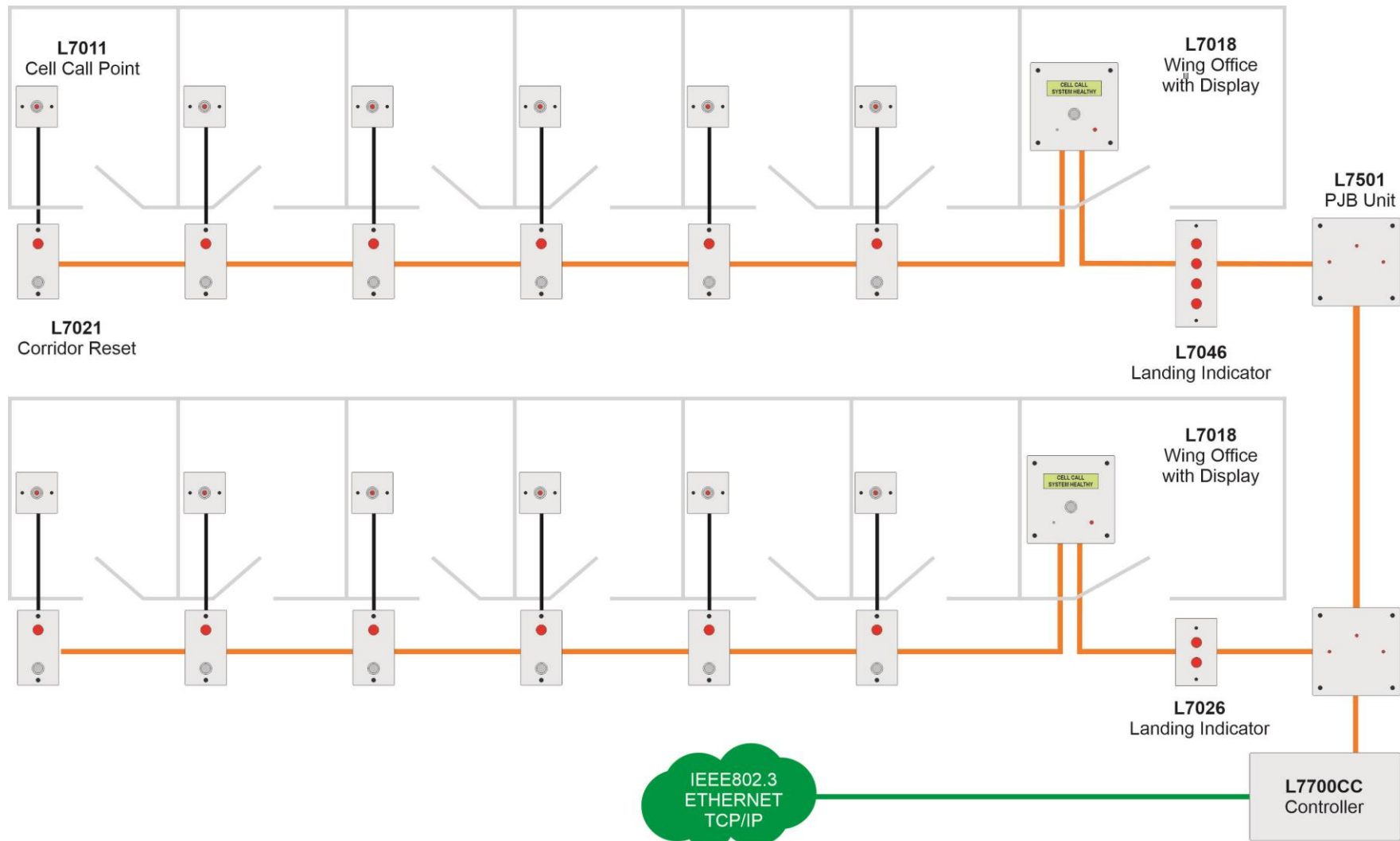
- **Integral Cell light control.**

Corridor reset units can contain ELV cell light switching circuitry and cell night light control.

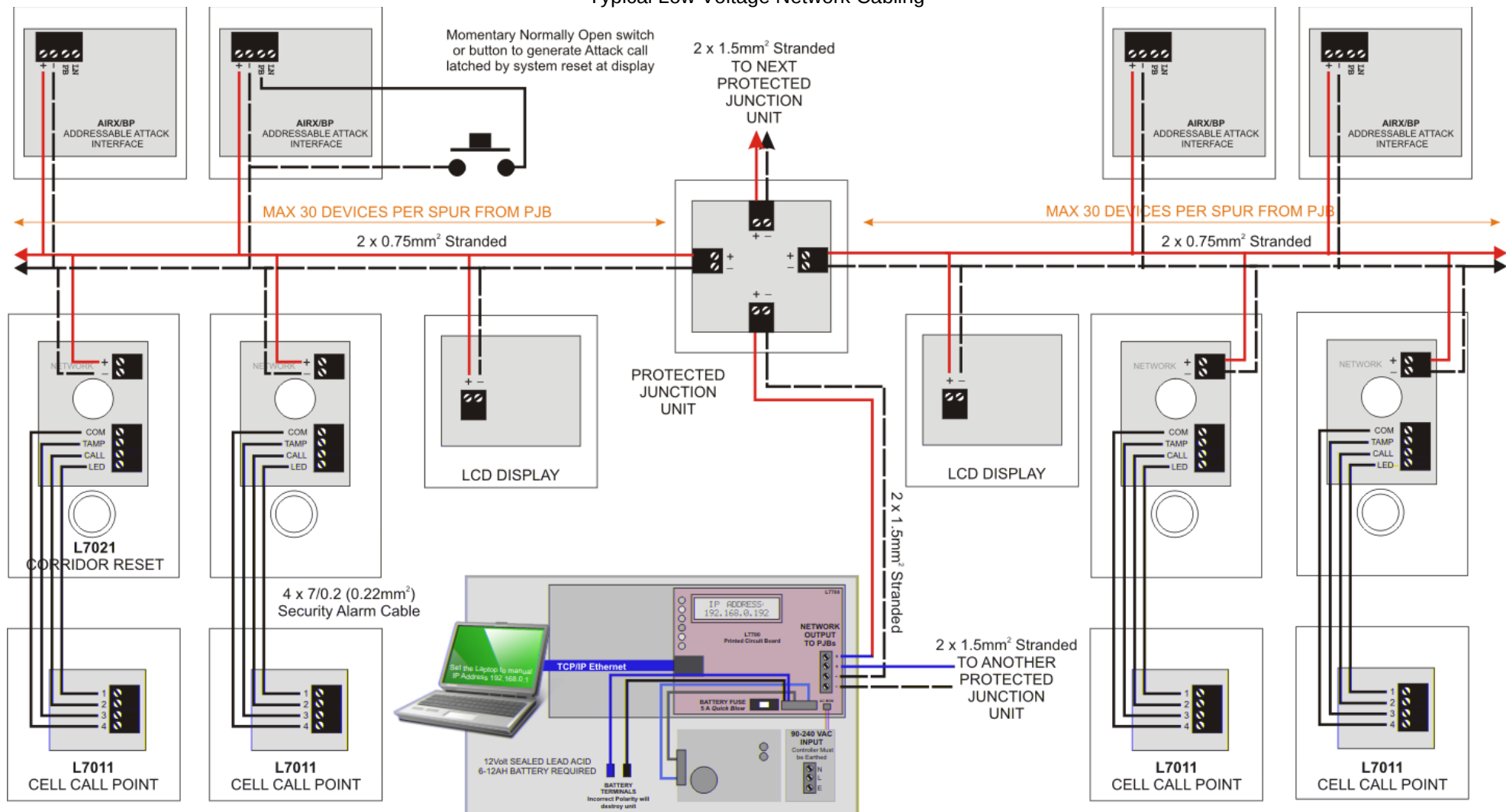
- **Cell Power and coax outlets.**

Cell power breaker boxes, cell power outlets and cell coax outlets available as part of the range.

A typical system schematic showing a standard cell call system on two levels.

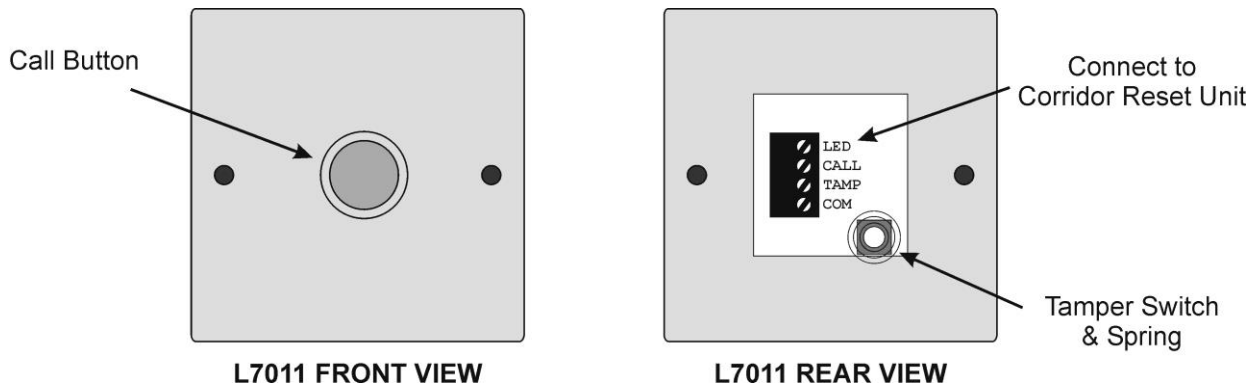


Typical Low Voltage Network Cabling

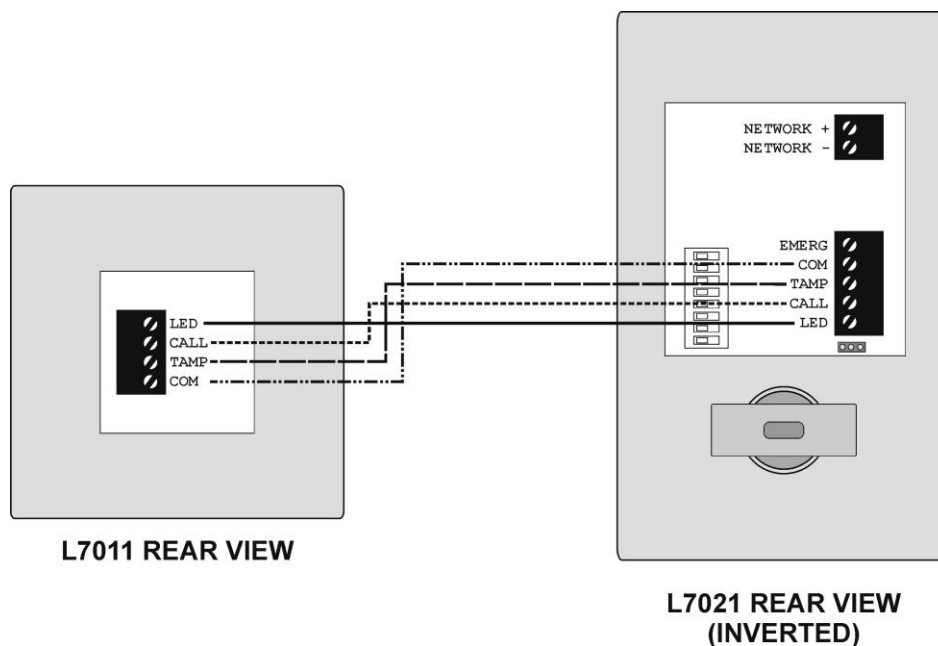


L7011 CELL CALL POINT

The call point is located within the resident's room and provides a means of calling for assistance. The L7011 features stainless steel call button with integral re-assurance indication and tamper monitoring circuit to detect unauthorised access. The call button features background illumination for low ambient light conditions. The plate is manufactured from brushed stainless steel and is supplied with stainless steel tamper resistant fixings.

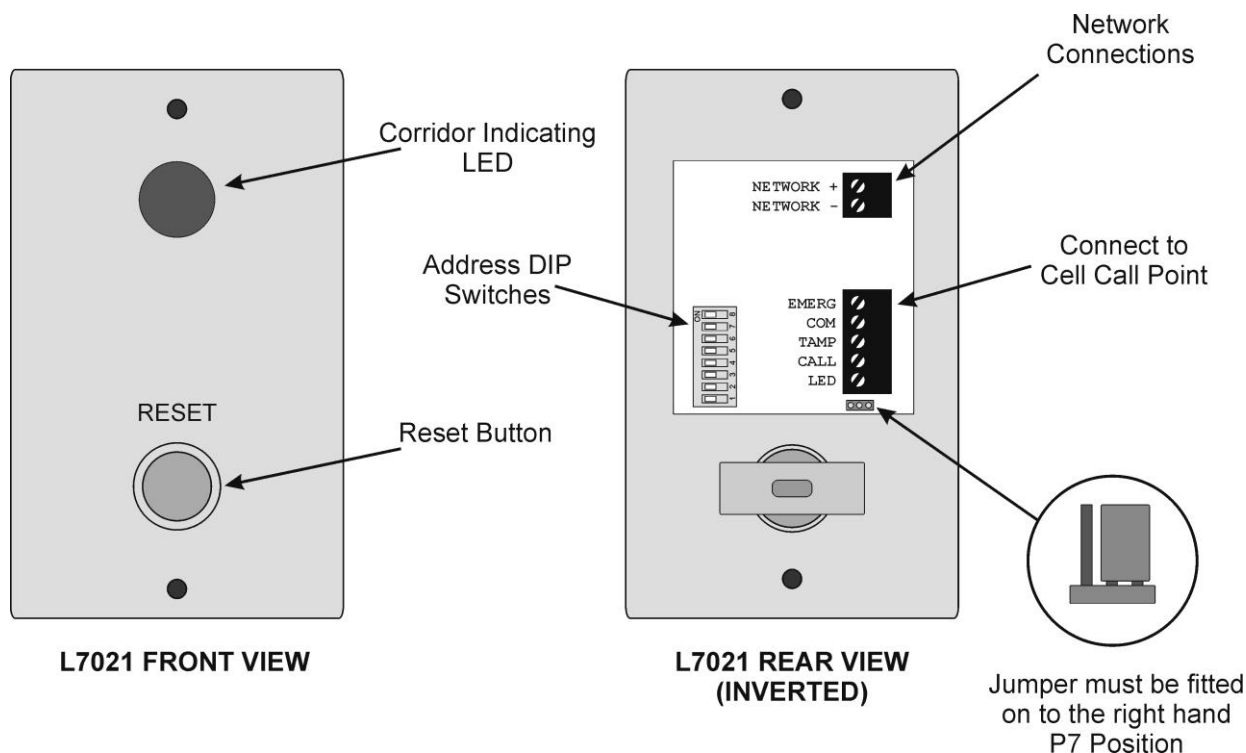


The call point requires a Corridor Reset unit to provide the address on the system as well as the reset button, where calls from the cell are cancelled. The L7011 is supplied with a tamper spring which must be fitted to the switch on the rear of the unit and adjusted to suit the required backbox depth. Do not over-stretch the spring as this may cause false tamper conditions, the spring is ideally suited to a 35-50mm depth backbox. Below is the typical connection diagram between the L7011 Cell Call Point and the L7021 Corridor Reset Unit. Below is the typical connection diagram between the L7011 Cell Call Point and the L7021 Corridor Reset Unit.

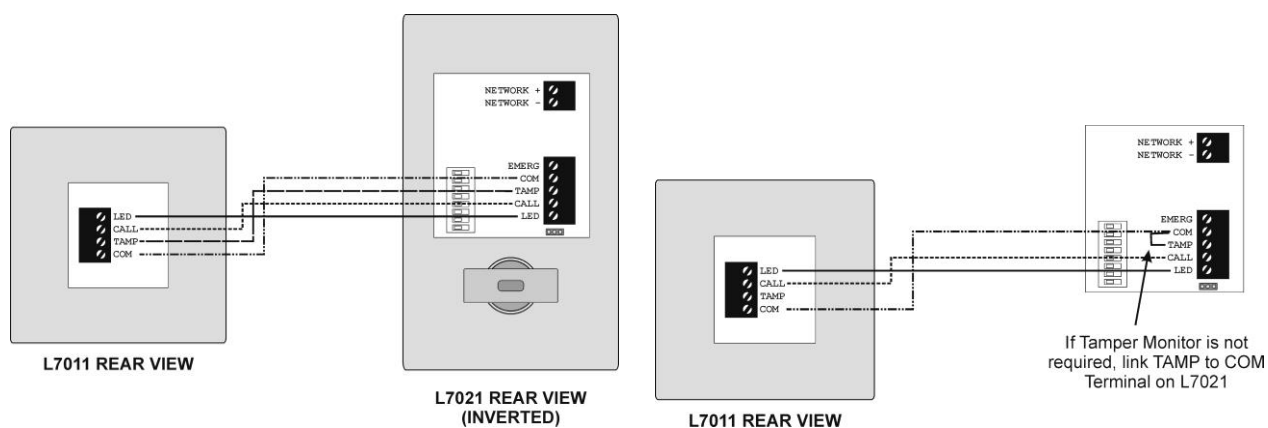


L7021 CORRIDOR RESET UNIT

The L7021 Corridor Reset Unit is located outside the cell to provide the reset function and corridor indication for the call point within the cell. The unit features stainless steel reset button and non-removable large diameter red LED indicator. The plate is manufactured from brushed stainless steel and the unit is supplied with stainless steel tamper resistor fixings.

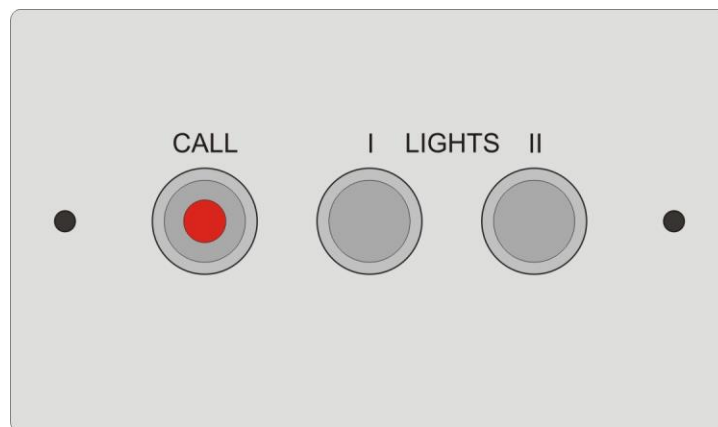


The addressable electronic module is mounted on the rear of the stainless steel plate and this connects to the two core network and to the in-cell plate. Typical connection diagram is shown on the left below. The jumper must be fitted in the P7 position when the unit is connected to the L7011 In Cell call point. If the tamper monitor on the L7011 is not required, this can be disabled by fitting a link onto the L7021 Corridor Reset Unit as shown on the diagram below right.

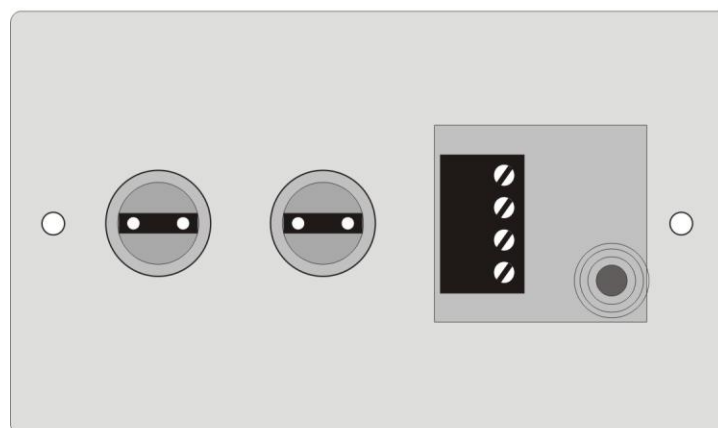


L7014 CELL CALL POINT WITH TWIN BUTTON LIGHT CONTROL

The call point is located within the resident's room and provides a means of calling for assistance and operating two cell lights independently. The L7014 features stainless steel call button with integral reassurance indication, twin stainless steel light buttons and tamper monitoring circuit to detect unauthorised access. The call button features background illumination for low ambient light conditions. The plate is engraved to identify the buttons and manufactured from brushed stainless steel and is supplied with stainless steel tamper resistant fixings.



L7014B Front View

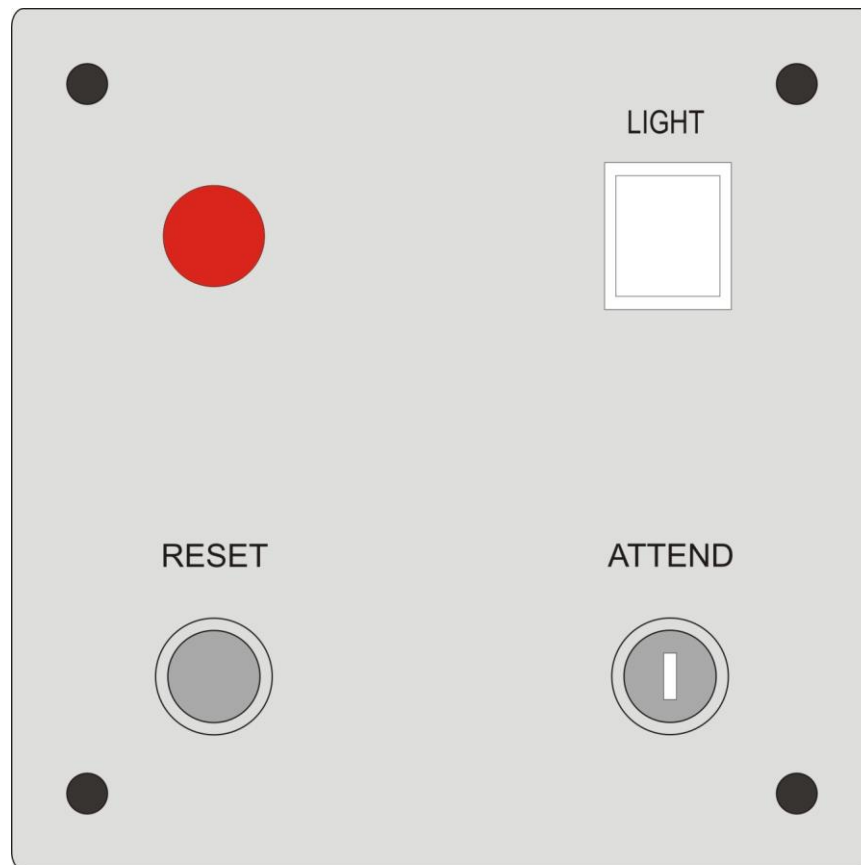


L7014B Rear View showing tamper spring

The call point requires a Corridor Reset unit to provide the address on the system as well as the reset button, where calls from the cell are cancelled. The L7014 is supplied with a tamper spring which must be fitted to the switch on the rear of the unit and adjusted to suit the required backbox depth. Do not overstretch the spring as this may result in false tamper conditions, the spring is ideally suited to a 35-50mm depth backbox. Below is the typical connection diagram between the L7011 Cell Call Point and the L7021 Corridor Reset Unit

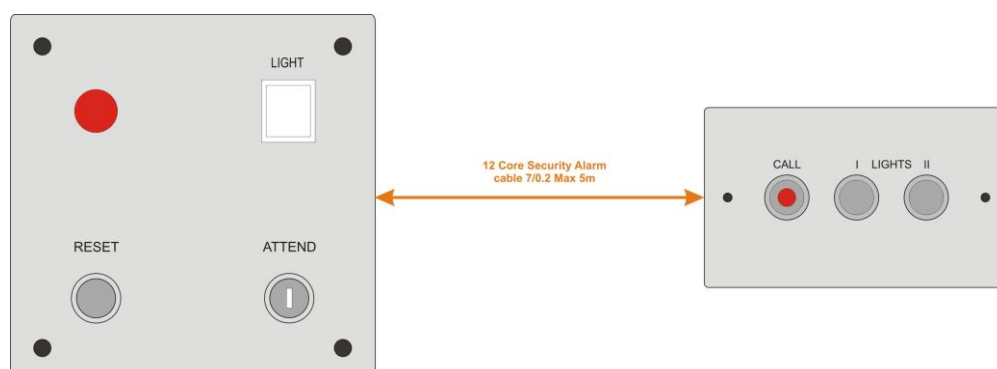
L7222(B) CORRIDOR RESET

The L7222(B) Corridor Reset Unit is located outside the cell to provide the reset function and corridor indication for the call point within the cell. The unit features stainless steel reset button, cell attend key-switch, cell night light switch and non-removable large diameter red LED indicator. The plate is manufactured from brushed stainless steel and the unit is supplied with stainless steel tamper resistor fixings. The L7222 is designed to operate with in-cell light switch plates such as the L7013 and L7014, while the L7222b is designed to operate with the in-cell light button plates such as L7013b and L7014b.



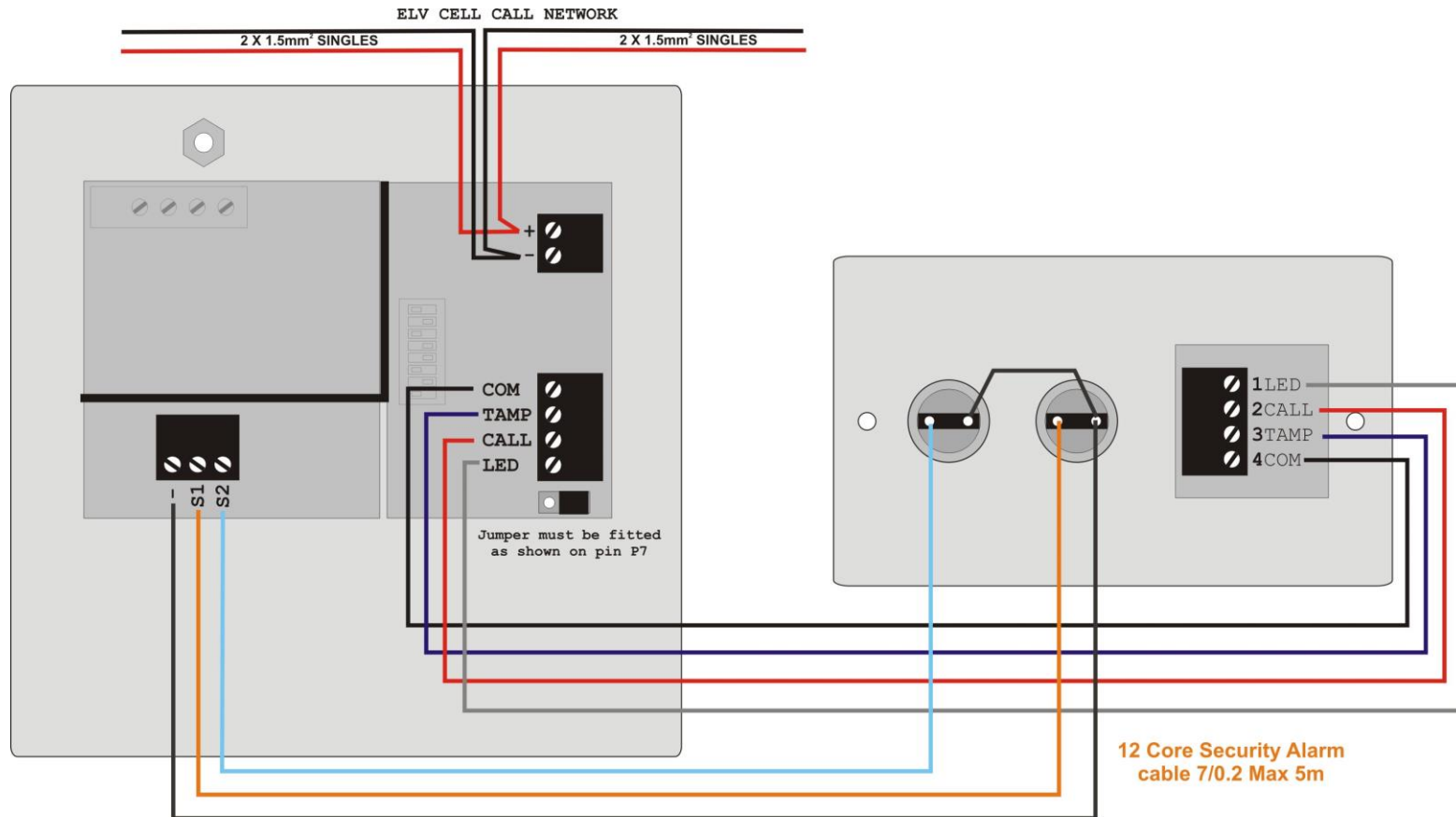
L7222b FRONT VIEW

The Corridor Reset unit houses the addressable electronic module which connects to the Cell Call low voltage network. The L72xx range of corridor resets also contains the ELV to LV cell lighting control board. Connection between the In Cell Plate and the Corridor Reset is made via 12 core security alarm cable or similar.



L7014 TO L7222B ELV CONNECTION DETAILS

Terminal blocks will need to be used to reduce the cable size entering the corridor reset plug on terminals.

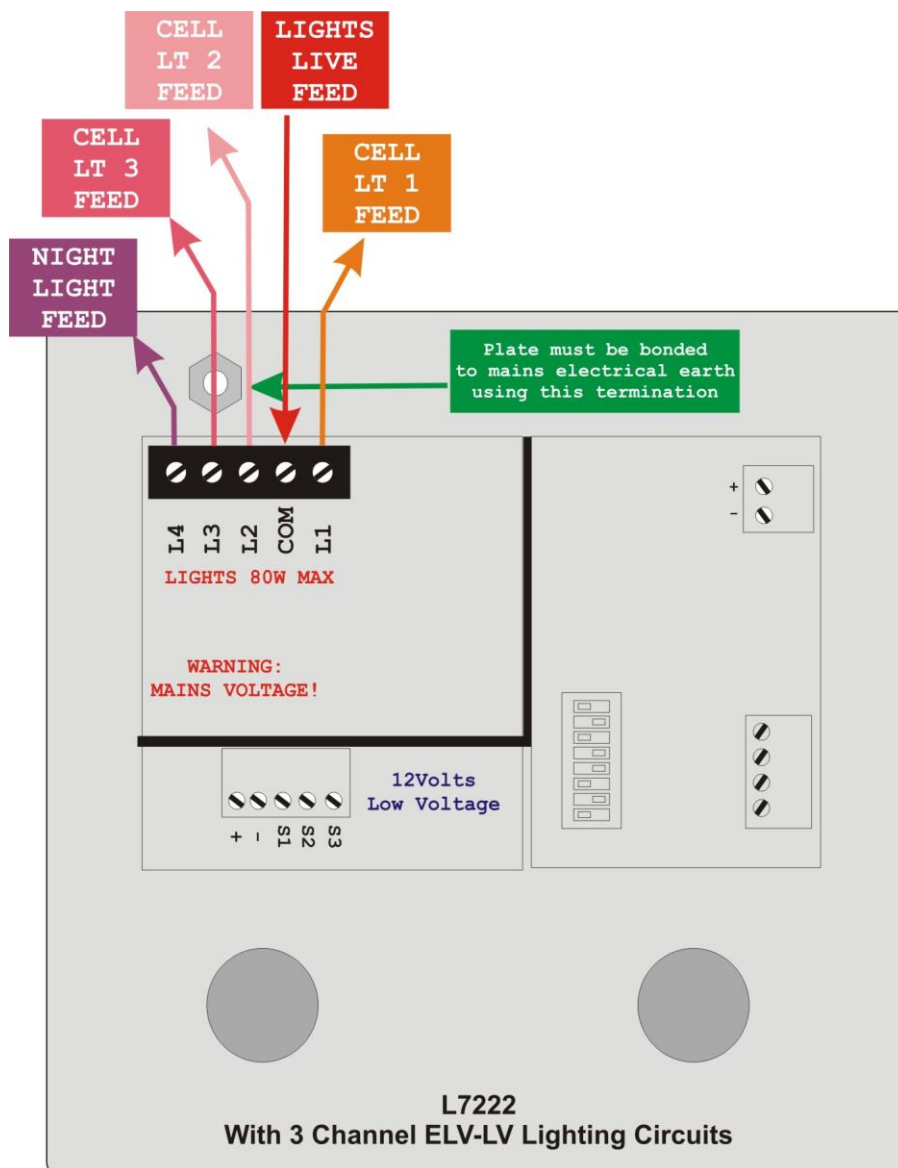


L7222B Corridor Reset with 3 independent lighting control channels
 1 - Cell Light
 2- WC Light
 3 Night Light

L7014B Cell Plate with Call Button and two independent lighting control buttons

L7222 MAINS (LV) VOLTAGE WIRING DETAILS

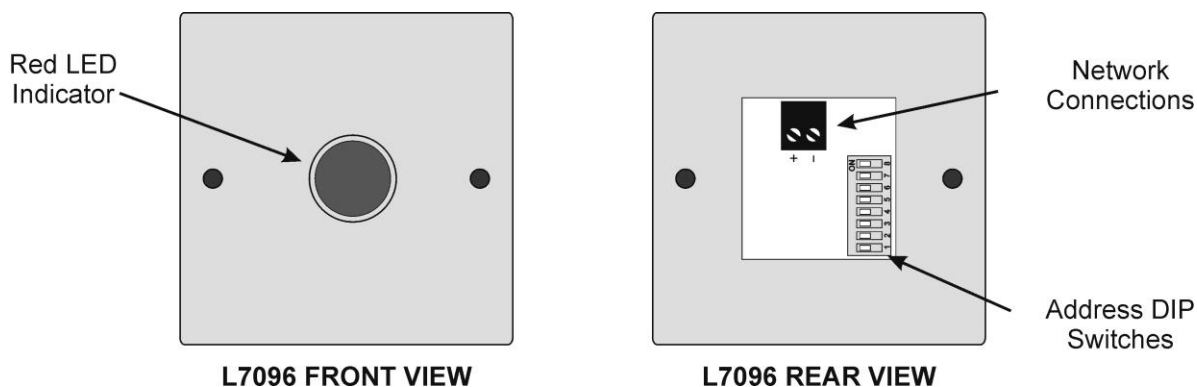
The LV (Mains Voltage) lighting control circuits on the rear of the L7222 Corridor Reset are shown below. There is no requirement to connect the neutral to the plate as the plate purely functions as a switch. The ELV and LV are segregated by means of a metal barrier and the plate must be bonded to mains protective earth to ensure compliance with the relevant regulations. **Under no circumstances may a high voltage tester be used on the cabling while the Corridor Reset unit is connected as this will destroy the Corridor Reset Light switching circuit.**



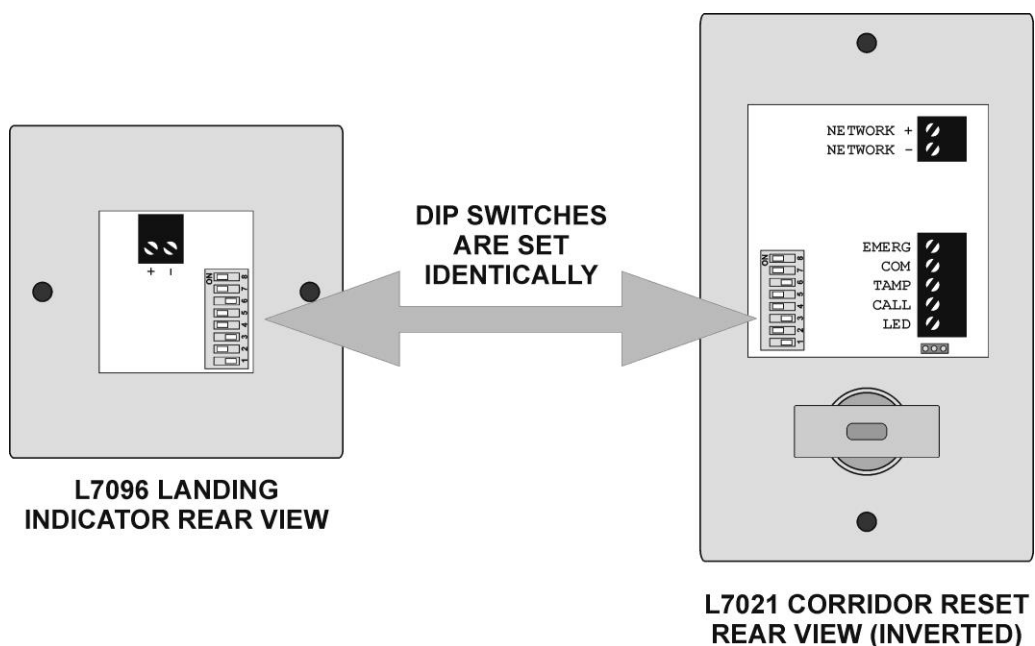
The Light Control channels are operated such that ELV S1 controls LV output L1, S2 control L2 and S3 controls L3. L4 is the night light output controlled by the LV switch on the Corridor Reset Unit. The Feed is the incoming LV supply to the plate. **There is no over-current protection on the plate and the maximum load per channel must not exceed 80Watts.**

L7096 SINGLE LANDING INDICATOR

The L7096 Single Landing Indicator is used to monitor the status of a single cell, repeating the LED patterns of the Corridor Reset. It may be located over the door outside the cell to indicated the status of the call point within, or in another area to repeat the Corridor Reset indicator of a single cell. The unit contains a single bank of DIP switches and these are set to the address of the required Corridor Reset unit. The unit features non-removable large diameter red LED indicator and the plate is manufactured from brushed stainless steel. The unit is supplied with stainless steel tamper resistant fixings.

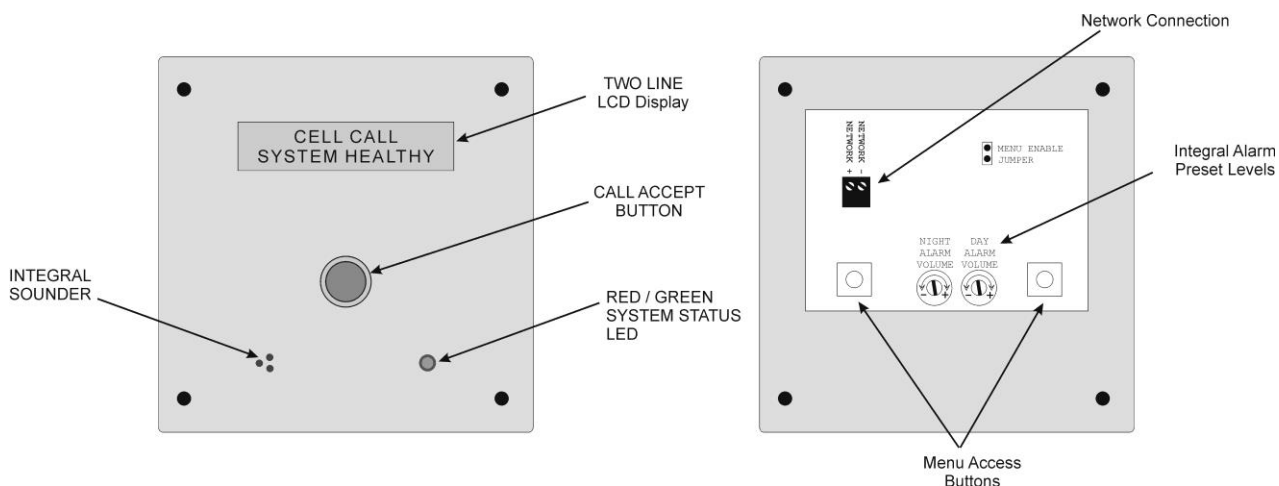


The DIP switches on the L7096 are set to the same address as the Corridor Reset unit they are to mimic, there is no direct cabling required, all signals are sent across the network cabling. Any number of L7096's may be set to the same address, repeating the indications as required. The unit only mimics the following patterns: Call, Priority, Emergency, Accept and Reset, all other call patterns are ignored by the L7096 unit.



DISP1 (Key) / L7018 (Button) LCD DISPLAY UNIT

The **LCD Display Unit** provides audible and visual indication of incoming calls, together with system status indication. The two line back-lit LCD identifies the location and priority of incoming calls and also displays all system status information such as power supply faults, tamper alarms and unit failures. The integral audible alarm distinguishes the alarm priority with different alarm patterns and can be adjusted to suit the surrounding background noise levels. A Bi-colour LED shows green for normal system operation and red for any fault/tamper condition. All units have built in menus which control vectoring and a range of other specific options.



Alarm Levels.

The **Normal Alarm Level** control sets the level for standard call, emergency call, tamper and fault alarms. The **Priority Alarm Level** control sets the level for priority calls only.

System Status LED.

This LED indicates Red for: Unit failure (Lost Address), Tamper and Power Supply Fault and Green for normal condition. The un-affected parts of the system will continue to function normally when a fault is present but this condition will be indicated on all LCD units with a red system status LED.

Call Location Text.

All individual cell locations generate a text description which is displayed on the LCD when the unit is calling. This description is fully programmable and may be configured by means of a programming device at the commissioning stage. All locations may contain alphanumeric text description up to 14 characters long containing the characters A - Z a - z 0 - 9. This information is programmed into and stored in the **L7017 Network Power Supply** and downloaded into the LCD displays through the network cabling. Any additional or replacement LCD units will need to be downloaded to once they are connected to the network cabling.

LCD Screen.

The LCD shows all system activity relating to the system (or vectored part of system) with description and symbols to identify the call type. All events are numbered as they occur and this is shown on the left of the event. The table below shows how events are shown:

1 LEVEL 4 CELL5 2 LEVEL 2 CELL25

2 Normal Calls

1 LEVEL 4 CELL5 EMERGENCY!

Emergency Call

1 LEVEL 4 CELL5 TAMPER

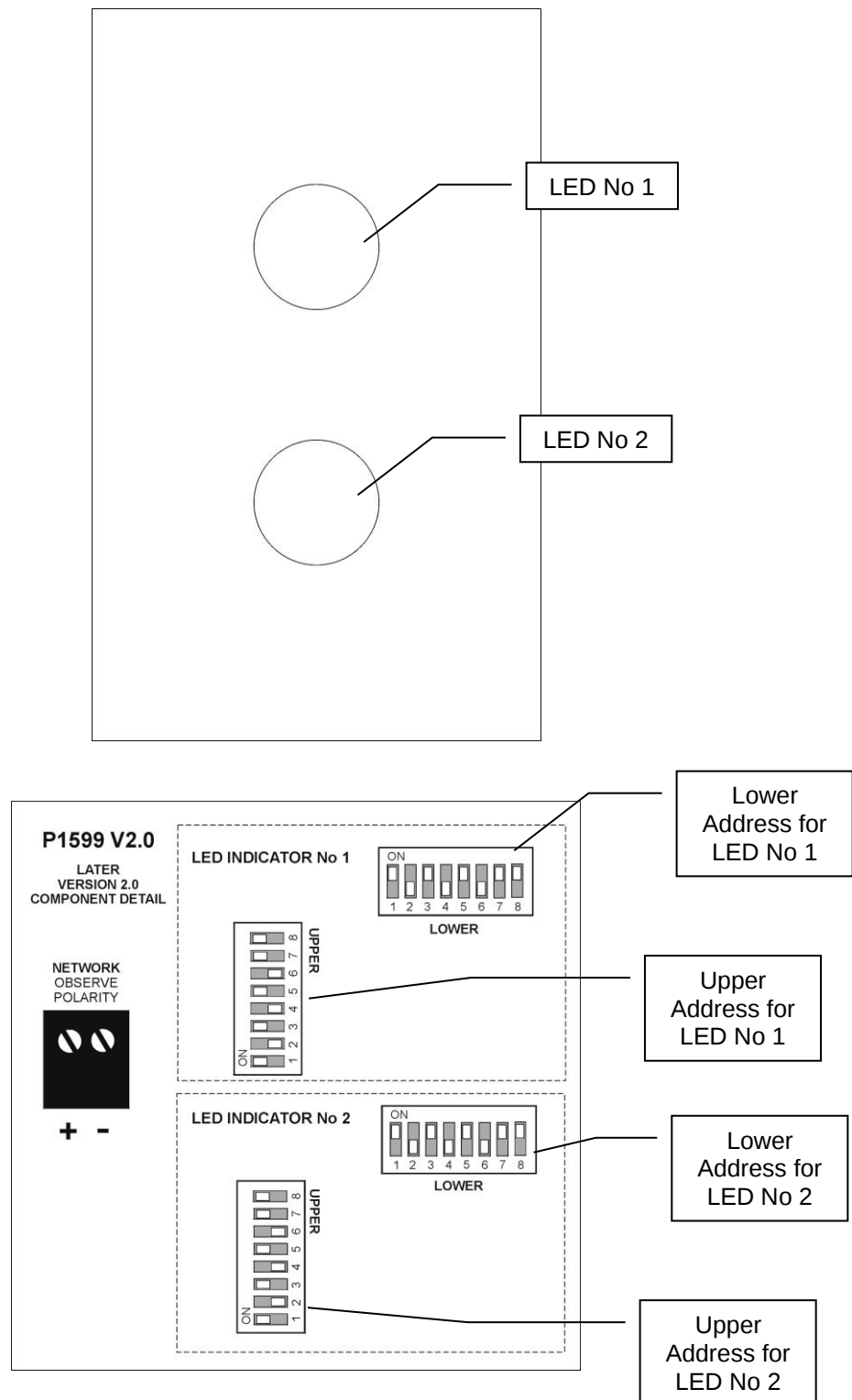
Tamper Alarm

1 LEVEL 4 CELL5 UNIT FAILURE

Unit Failure
(Lost Address)

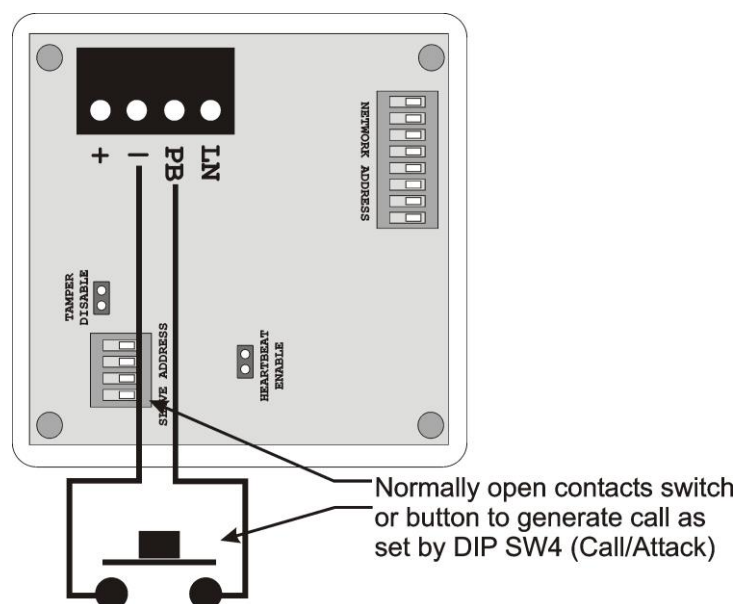
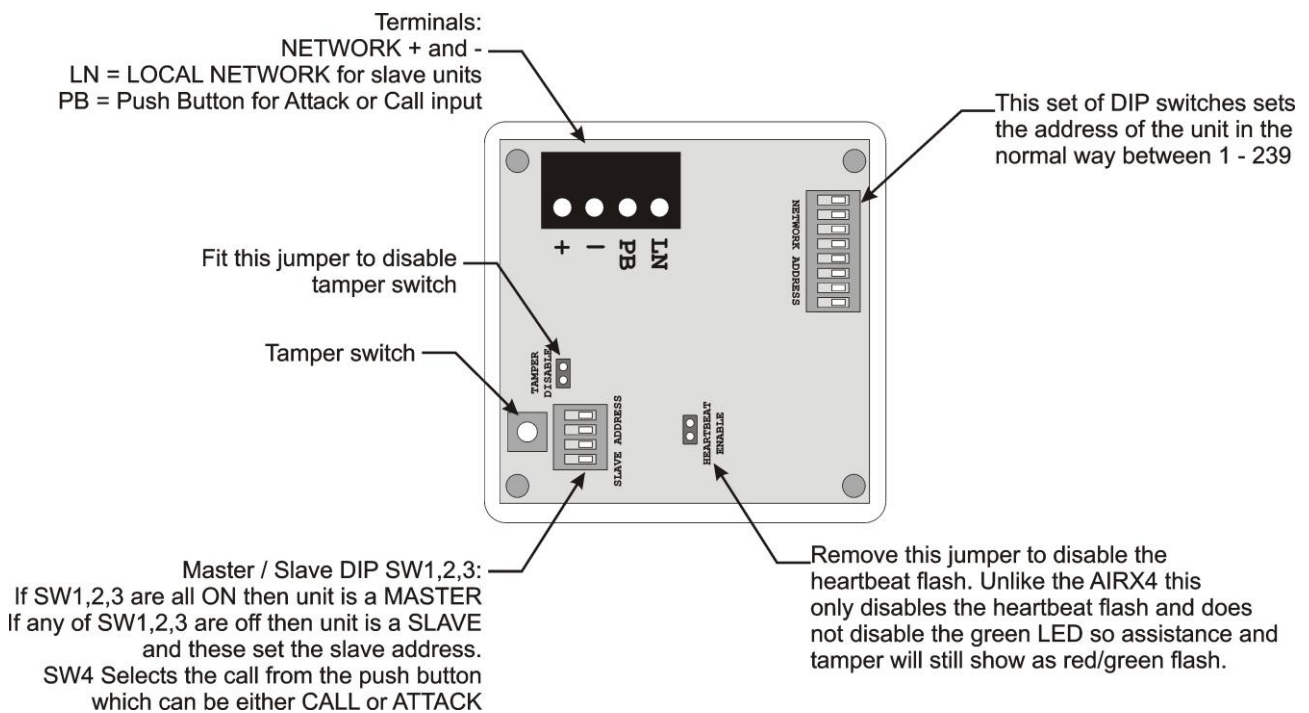
L7026 LANDING INDICATOR UNIT

The **L7026 Landing Indicator** can only respond to a range of consecutive addresses. It has two sets of 'lower' and 'higher' address switches which control the two LED's. Each LED will respond to all addresses between the 'lower' and 'higher' values. is shown below with the larger standard DIL switches as used on the Corridor Reset Units.



AIRX/BP ADDRESSABLE DEVICE MODULE

The **AIRX4/BP Addressable Device Module** is an interface between any closing contact device and the addressable affray/cell call network. It can accept any normally open contact going closed which will activate an alarm. This permits the use of third party large press buttons, mushroom buttons, contact panic strip, keypads, keyswitches, pressure mats, PIR sensors etc to be connected to the system and generate and alarm. The type of alarm generated can be set using the 4 way DIP switch on the rear of the unit. In the event that a latching switch is used, this must be de-activated or reset before the alarm can be reset at the display unit. See the DIP switch settings for the address elsewhere in this document.





YAAM Front End Graphical User Interface Software

The YAAM Front End Graphical User Interface Software forms the heart of the Intercall Cell Call and PA system combined. With the use of a simple touch screen, the intercom can be opened to cells and announcements made to individual cells or PA speakers. The software operates on the Microsoft Windows 7 Professional platform and may be used with a variety of hardware configurations.

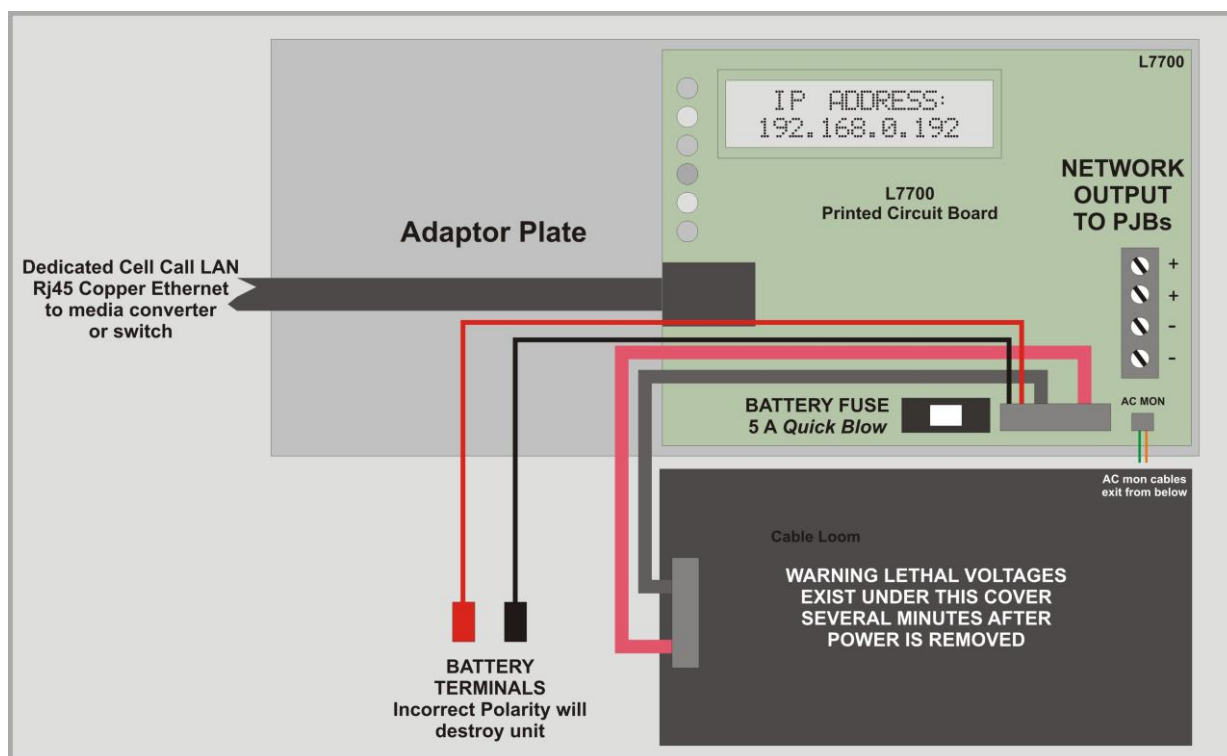
The YAAM control PC features embedded TCP/IP Interface and connects directly to the Cell Call / PA dedicated Ethernet using a copper RJ45 connection. The software may operate in a master / slave configuration with *hot standby* system backup.



The YAAM GUI may be used in conjunction with the Intercall VOIP Handset which is used to control speech to the cell call and PA system while acting as a self contained backup to the YAAM PC. The VOIP Handset features embedded TCP/IP Interface and connects directly to the Cell Call / PA dedicated Ethernet using a copper RJ45 connection. The device is powered via this connection using the IEEE802.3af Power Over Ethernet standard.

L7700 IP16 POWER SUPPLY CONTROLLER

The **L7700** Power Supply provides all power and data logging requirements for the Cell Call System. The enclosure can accommodate a back up battery (**12v 12Ah**) for systems of up to 60 corridor reset units, 2 LCD displays and 2 Landing Indicators. Larger systems require an additional battery housing containing a larger battery and suitable charger. The low and high voltages are segregated and protected by means of a metal cover. Warning: Beware of lethal voltages even after disconnecting the mains supply due to charged up capacitors. Allow 10 minutes after disconnecting AC supply before removing protective cover.



Installation procedure.

The unit **must** be securely mounted on the wall using **2 off No 10 x 50mm** screws with the protection plate replaced before the mains AC inlet is switched on. **The unit must be mounted in as shown above with the vents at the top and bottom of the unit.**

Cable entry points.

All high voltage and low voltage cable entry points are on the right hand side of the unit. Access to the high voltage inlet is achieved by removing the protective cover.

Ventilation.

The unit must be located with a minimum of 150mm air space around all sides. Under no circumstances should the vents be covered or the airway disrupted.

Room Temperature.

The Power supply must be located in a room or cupboard where the temperature will not exceed normal room temperature levels (20 to 25 degrees Centigrade) Lower room temperatures are acceptable.

Earthing.

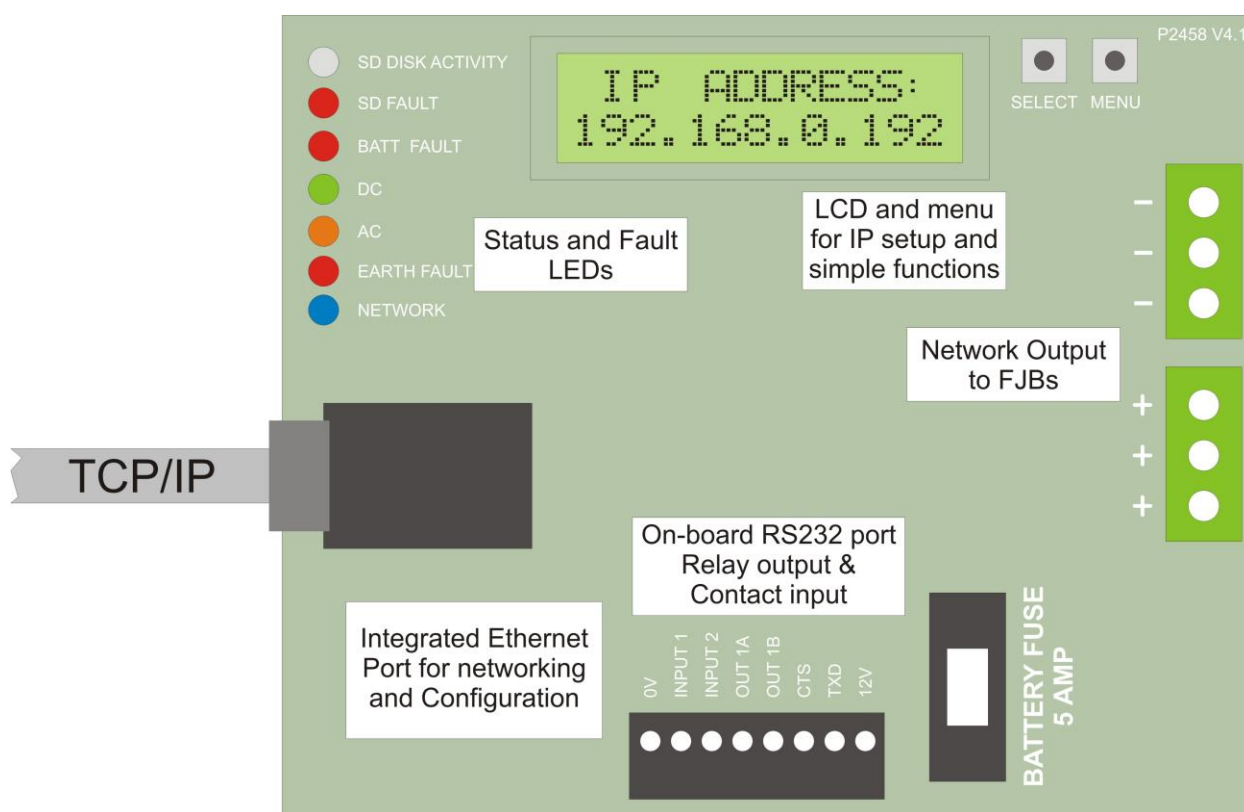
The Power supply must be connected to mains electrical earth.

Mains Inlet Fuse.

The mains input is fused under the protection cover with a pcb mounted fuse holder. The fuse should only be replaced with a **3.15A 250V 20mm** Type SP 0001.1009, Schurter or Type 2163.15 Littelfuse or Type S501 Cooper.

L7700 IP Power Supply Unit.

The L7700 replaces the L7717 Power supply and features integrated **IEEE 802.3** Ethernet controller permitting system configuration, Data Log access and remote monitoring via a standard Ethernet connection. In addition, the Ethernet port may be used to connect IP controllers together, provide an interface to other Intercall IP devices and for connection to third party products such as IP DECT phones and message paging. All system settings previously controlled by DIP switches and via the LIMPROG programming software is now carried out using the HTTP **embedded web server** over the Ethernet connection. Security is maintained as web access to the setup and configuration screens are password protected. In addition, the unit features; onboard calendar clock and Secure Data flash disk drive which records all system configuration and activity with the date and time. Day and Night alarm settings may be automatically switched by the on-board clock without the need for a manual switch. The unit features programmable volt free contact inputs and a volt free contact output together with an RS232 interface which can be configured for many baud rate and data formats. The unit supports a VOIP expansion card which allows the audio voice channel conversations to be recorded and/or integrated with other IP devices. The integral float charger supports a single 12Volt 12AH battery and the AC, DC, Battery and Earth continuity are monitored continuously.



Above drawing showing PCB Detail



MAIN SUPPLY INPUT:	90 – 240VAC Remove protective cover to gain access to these terminals.
REQUIRED BATTERY:	12Volt 6/12AH Sealed Lead Acid.
OBSERVE POLARITY:	Incorrect Polarity Will Destroy Unit.
OUTPUT TERMINALS:	Two parallel terminals provided for convenience, connect to network devices.
ETHERNET:	IEEE 802.3 Compatible 10Base-T interface using copper RJ45 connector.
LCD:	Two line LCD with menu for essential status & configuration.
MENU & SELECT/OK:	Buttons for navigating the LCD Menus.
RS232 TERMINALS:	
TXD:	RS232 Level data output for Printers, Pagers etc.
CTS:	RS232 Level incoming flow control for RS232.
INPUT TERMINALS:	
INPUT 1:	Programmable Input No 1 active when connected to 0V.
INPUT 2:	Programmable Input No 2 active when connected to 0V.
OUTPUT TERMINALS:	
OUTPUT 1A & 1B:	Programmable Volt Free Normally Open Output No 1 Max 24V DC
STATUS LEDs:	
NET:	Blue pulsing indicating the network processor is running.
EARTH*	Indicates too low resistance between the network & protective earth.
AC:	Yellow to indicate Mains Supply detected.
DC:	Green to indicate DC supply is operating within limits.
BATT*	Battery backup fault, battery is not charging.
SD*	Fault reported by on-board disk.
DISK:	Indicates activity read/write to the on-board SD Disk.
*Red LEDs indicate Fault Conditions.	
Onboard Fuse:	5Amp 20mm Quick Blow protection for Battery, Charger is current limited.
Installation:	Self Contained Surface Mounted Case. <i>(See Below)</i>
Size & Weights:	370mm x 260mm x 110 mm 4.5Kg

L7700 LCD Display Menu Settings.

The on-board LCD screen, together with the Menu and OK buttons provides access to essential Local Area Network and Power Supply status, together with control over the basic settings of the IP controller. In quiescent condition, the LCD Displays INTERCALL IP and the date and time, to scroll through the menu screens, press the Menu button to activate one of the settings press the Select/OK button.

<u>Menu</u>	<u>Settings</u>	<u>Description</u>
INTERCALL IP16 17/3 10:32:12		In quiescent condition, the LCD Displays INTERCALL IP and the date and time. Press the Menu button to move onto the next setting.
IP ADDRESS: 192.168.0.192		Displays the current IP address for the IP Controller. <i>(The default IP Address when no DHCP Server present is 192.168.0.192)</i>
SERIAL NUMBER: 1A7A0000083		Displays the unique Serial Number / MAC Address
FREE DISK SPACE: 100%		Displays the percentage of available Space on the Data Log,
DC RAIL: 13.8V		Displays the voltage of incoming DC Supply Rail to the IP16 Printed Circuit Board
BATTERY CHARGE: DETECTED		Displays the status of the sealed lead acid battery charger. A non-charging or not connected battery will show as NOT DETECTED and a fault will be raised.
UNIT TEMPERATURE: 25.6 Deg		Displays the ambient temperature of the IP16 controller circuit board.
FIRMWARE VERSION: 1.0.0.2		Displays the current installed software version of the IP16 controller.
DEVICE RESET: "OK" TO CONFIRM		Press OK button to reset all network devices connected to this controller.
FULL RESET: "OK" TO CONFIRM		Press OK button to reset IP16 controller and all network devices connected to this controller.

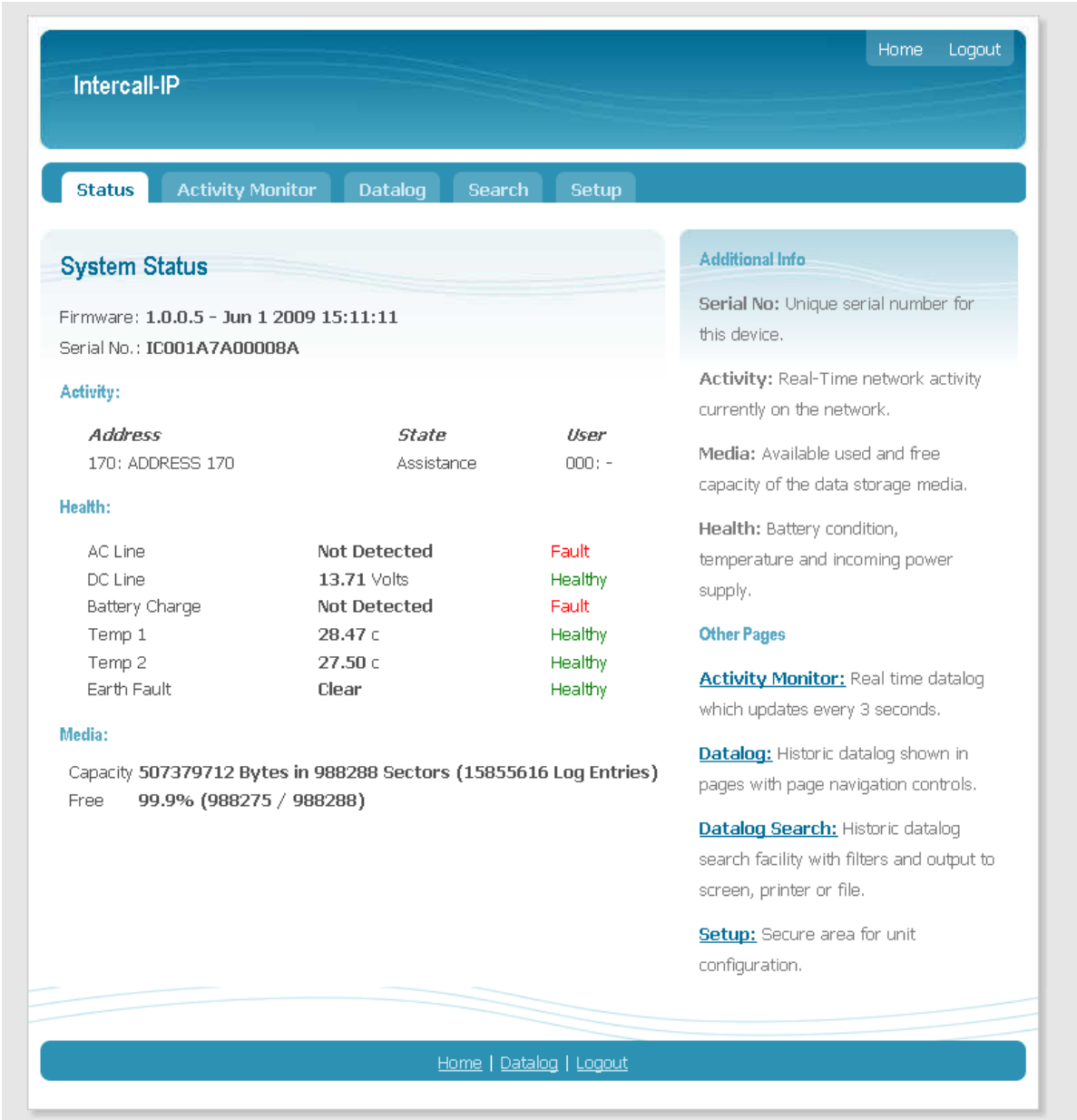
L7700 Revert to Factory Defaults.

The IP16 can be reverted to factory defaults switching the unit on while holding down the **Menu** button, the following screens will appear on the LCD screen. If a new disk is inserted, the IP16 will automatically go through this process, in which case you must press OK to the first two screens but you may retain the current LAN settings.

<u>Menu</u>	<u>Settings</u>	<u>Description</u>
DISK FORMAT OK = Continue		Press OK to format the SD card and clear <i>all</i> user defined data. This screen will automatically appear if a new SD card is fitted.
CLEAR DATALOG OK=continue MENU=skip		Clears all entries from the datalog, press MENU button to Skip or OK button to continue. If this is a new SD card you must press OK to continue.
LAN DEFAULTS OK=continue MENU=skip		The LAN settings are held within the IP16 circuit board and not in the SD card, so if the card is changed, the network settings can be retained. Press OK to load default settings.

L7700 IP16 Embedded Web Server.

As you can see, the main index screen shows the status of the power supply together with any network device which is active. The HTML pages also contain help text to assist unfamiliar users navigate around the users screens. This controller is used with many different types of network devices and system configurations and not all of the features included in this manual may be applicable to your system.



The screenshot displays the Intercall-IP Embedded Web Server interface. The top header bar is blue with the 'Intercall-IP' logo on the left and 'Home' and 'Logout' links on the right. Below the header is a navigation bar with tabs for 'Status', 'Activity Monitor', 'Datalog', 'Search', and 'Setup'. The 'Status' tab is currently selected.

The main content area is divided into two columns. The left column contains the 'System Status' section, which includes firmware and serial number information, an activity table, a health table, and media capacity information. The right column contains the 'Additional Info' section, which provides detailed descriptions for 'Activity', 'Media', 'Health', and 'Other Pages'.

System Status

Firmware: 1.0.0.5 - Jun 1 2009 15:11:11
Serial No.: IC001A7A00008A

Activity:

Address	State	User
170: ADDRESS 170	Assistance	000: -

Health:

Item	State	Color
AC Line	Not Detected	Fault
DC Line	13.71 Volts	Healthy
Battery Charge	Not Detected	Fault
Temp 1	28.47 c	Healthy
Temp 2	27.50 c	Healthy
Earth Fault	Clear	Healthy

Media:

Capacity 507379712 Bytes in 988288 Sectors (15855616 Log Entries)
Free 99.9% (988275 / 988288)

Additional Info

Serial No: Unique serial number for this device.

Activity: Real-Time network activity currently on the network.

Media: Available used and free capacity of the data storage media.

Health: Battery condition, temperature and incoming power supply.

Other Pages

Activity Monitor: Real time datalog which updates every 3 seconds.

Datalog: Historic datalog shown in pages with page navigation controls.

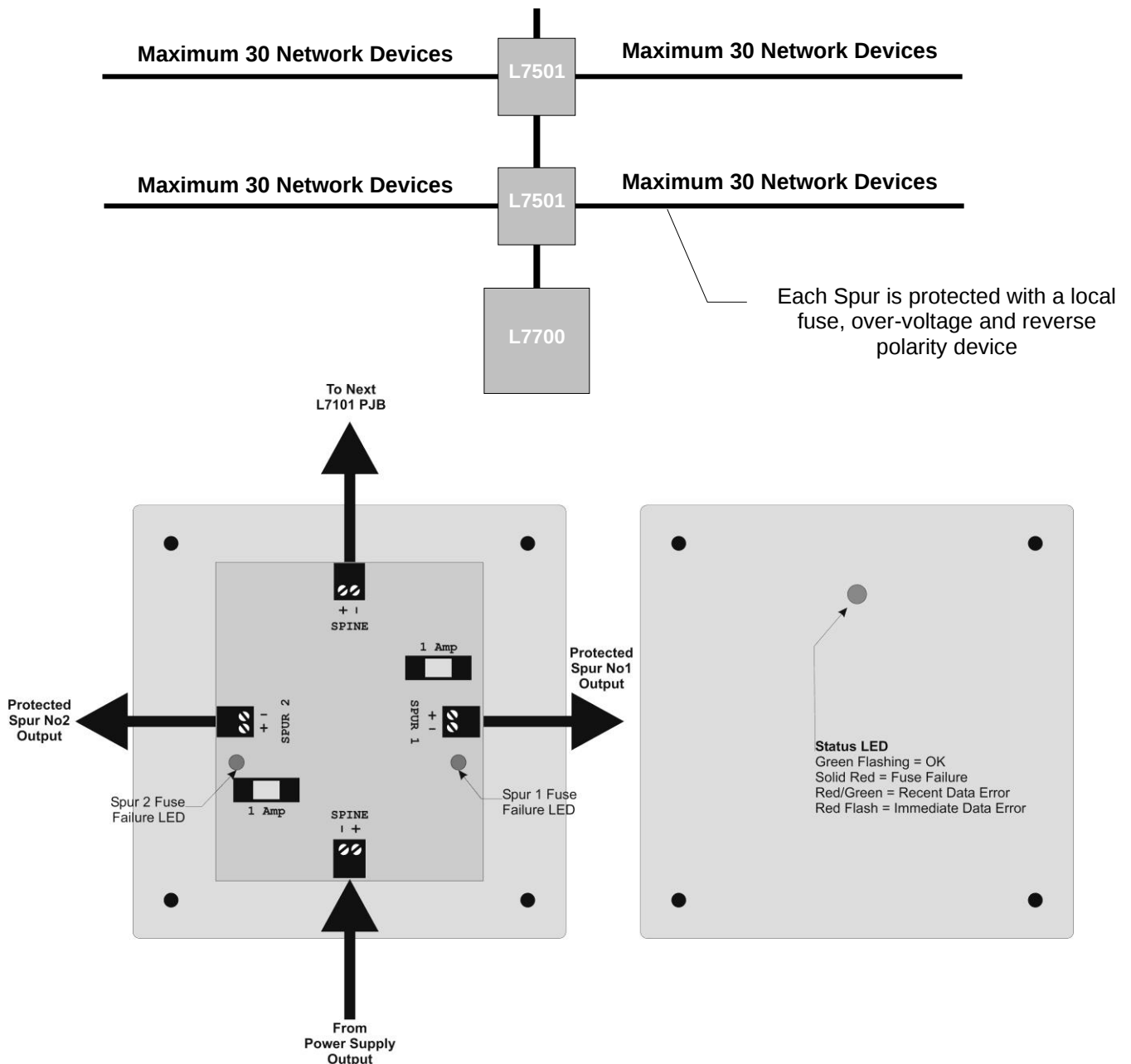
Datalog Search: Historic datalog search facility with filters and output to screen, printer or file.

Setup: Secure area for unit configuration.

The bottom of the page features a blue footer bar with 'Home | Datalog | Logout' links.

L7501 PROTECTED JUNCTION BOARD

The **L7501** Protected Junction box is designed to be connected to the network cabling to provide isolation for each part of the system in the event of unit failure, over-voltage or cable shorts. Each spur is protected with an individual fuse and the 'spine' from the power supply is protected with an over-voltage device. In the event of a cable short or overvoltage on a spur, the local fuse will blow, protecting all other parts of the system.



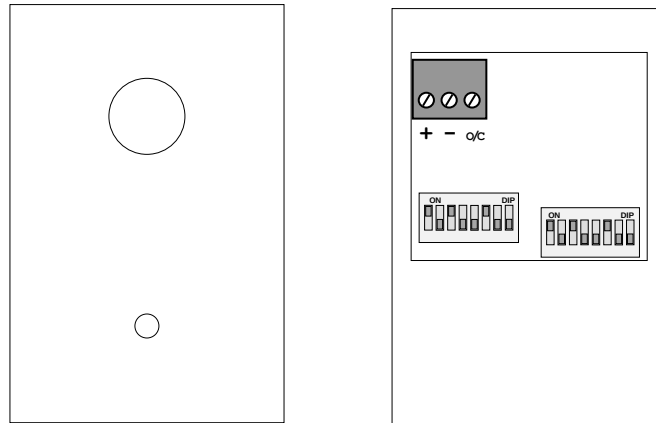
VERY IMPORTANT

The fuse failure indicators will only indicate fuse failure, when an output load is connected to the spur terminal. Only replace fuses with 1 Amp rated fuses.

Polarity must be observed when connecting network cables to the L7101

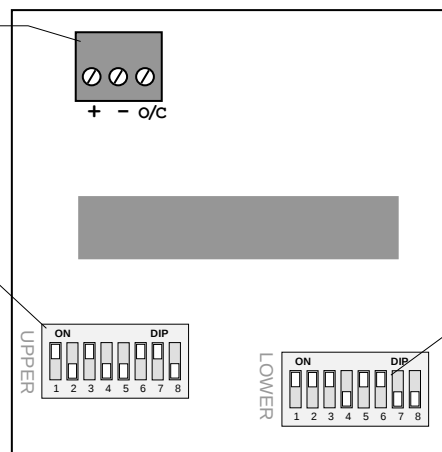
L7066 INDICATOR WITH SOUNDER

The **L7066 Indicator with Sounder** is a single version of the L7026 Landing Indicator but with an integral sounder. It can be set to respond to a range of consecutive addresses. There is one set of 'lower' and 'higher' address switches which control the LED and Sounder. The LED and sounder will respond to all addresses between the 'lower' and 'higher' values. The sounder will only activate for Normal, Priority and Emergency call levels.



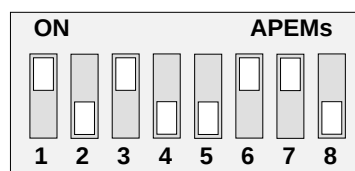
Connect to Network +
and -
OBSERVE POLARITY!
O/C Terminal not

'Upper' address
switch



In the example shown to the left, the LOWER switches are set to address 154 and the UPPER switches are set to address 200. The LED and Sounder will respond to all Corridor Reset Units between the addresses 154 to 200 only.

'Lower' address
switch



Up towards the word 'ON' is **ON** and down away from the word 'ON' is **OFF**. In the example above, the address setting from Switch 1 is:
ON OFF ON OFF OFF ON ON OFF
= Address 154

There is a complete table of switch settings on pages 5.1 and 5.2.

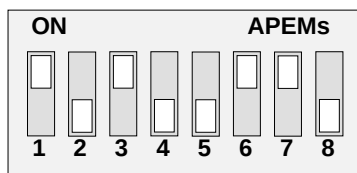
CONNECTION AND COMMISSIONING PROCEDURE

The following text describes the outline procedure for the connection and test of the Addressable cell call system.

1. Locate and connect the **L7700 Power Supply Controller** in a suitable central position in accordance with the instructions detailed in this manual.
2. Power up the L7700 and ensure status indicators are in the normal.
3. Switch L7700 off and connect network **spine cable** to output terminals from L7700 in accordance with the information detailed in this manual.
4. Connect the **L7501 Protected junction box(es)** to the **spine cable** from the L7700.
5. Connect a single **LCD Display Unit** (we recommend the LCD in the wing office)
6. Re connect mains supply to L7700 Power Supply Controller.
7. The **LCD Display Unit** will show the version revision (e.g. SW1234_567) and then show 'Addressable Cell Call System' and the **status LED** will be illuminated green as detailed in this manual.
8. If the **status LED** illuminates Red and the LCD reads 'Master PSU Fault' then return to the L7700 and check the status indicators to locate the fault condition. See page 18
9. Power down the L7700.
10. Connect the first spur to the output of one of the **L7501 Protected Junction Boxes** and connect to the first **Corridor Reset Unit** on that cable spur.
11. Connect the Corridor Reset unit to the in-cell call point as detailed in this manual.
12. Set the **Address DIP Switches** on the Corridor Reset Unit.
13. Switch on the mains supply to the **L7700 Power Supply/Controller**.
14. Test operation of Cell Call Point, Corridor Reset and Wing Office LCD Display as detailed in this manual.
15. **Using a digital meter, with the L7700 switched OFF and with the network cables connected to the L7700, Check there is no connection between mains protective electrical earth (Chassis) and the network negative (– terminal) or between mains protective electrical earth (Chassis) and the network positive (+ terminal) If a short circuit is detected, it must be identified and removed before continuing with the system connection.**
16. Repeat actions 10 to 13 connecting the next cell call point and corridor reset to the first spur and test before moving on to connect the other cable spurs.

DIP SWITCH ADDRESSING

Every Corridor Reset Unit must have a **unique** address setting. This is configured by a bank of address switches fitted to each unit. The table below illustrates the permitted switch settings 1 through to 215 or 254 depending on the age of the unit.



Enlarged view of DIL Switches

Up towards the word 'ON' is **ON** and down away from the word 'ON' is **OFF**. In the example to the left, the address setting from Switch 1 is:

ON OFF ON OFF OFF ON ON OFF
= Address 154

EVERY UNIT MUST HAVE A UNIQUE ADDRESS – DO NOT REPEAT ADDRESSES

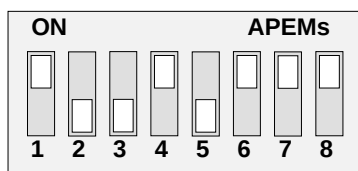
Address Switches									
ADD	1	2	3	4	5	6	7	8	ADD
1	OFF	ON	ON	ON	ON	ON	ON	ON	1
2	ON	OFF	ON	ON	ON	ON	ON	ON	2
3	OFF	OFF	ON	ON	ON	ON	ON	ON	3
4	ON	ON	OFF	ON	ON	ON	ON	ON	4
5	OFF	ON	OFF	ON	ON	ON	ON	ON	5
6	ON	OFF	OFF	ON	ON	ON	ON	ON	6
7	OFF	OFF	OFF	ON	ON	ON	ON	ON	7
8	ON	ON	ON	OFF	ON	ON	ON	ON	8
9	OFF	ON	ON	OFF	ON	ON	ON	ON	9
10	ON	OFF	ON	OFF	ON	ON	ON	ON	10
11	OFF	OFF	ON	OFF	ON	ON	ON	ON	11
12	ON	ON	OFF	OFF	ON	ON	ON	ON	12
13	OFF	ON	OFF	OFF	ON	ON	ON	ON	13
14	ON	OFF	OFF	OFF	ON	ON	ON	ON	14
15	OFF	OFF	OFF	OFF	ON	ON	ON	ON	15
16	ON	ON	ON	ON	OFF	ON	ON	ON	16
17	OFF	ON	ON	ON	OFF	ON	ON	ON	17
18	ON	OFF	ON	ON	OFF	ON	ON	ON	18
19	OFF	OFF	ON	ON	OFF	ON	ON	ON	19
20	ON	ON	OFF	ON	OFF	ON	ON	ON	20
21	OFF	ON	OFF	ON	OFF	ON	ON	ON	21
22	ON	OFF	ON	ON	OFF	ON	ON	ON	22
23	OFF	OFF	OFF	ON	OFF	ON	ON	ON	23
24	ON	ON	ON	OFF	OFF	ON	ON	ON	24
25	OFF	ON	ON	OFF	OFF	ON	ON	ON	25
26	ON	OFF	ON	OFF	OFF	ON	ON	ON	26
27	OFF	OFF	ON	OFF	OFF	ON	ON	ON	27
28	ON	ON	OFF	OFF	OFF	ON	ON	ON	28
29	OFF	ON	OFF	OFF	OFF	ON	ON	ON	29
30	ON	OFF	OFF	OFF	OFF	ON	ON	ON	30
31	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	31
32	ON	ON	ON	ON	ON	OFF	ON	ON	32
33	OFF	ON	ON	ON	ON	OFF	ON	ON	33
34	ON	OFF	ON	ON	ON	OFF	ON	ON	34
35	OFF	OFF	ON	ON	ON	OFF	ON	ON	35
36	ON	ON	OFF	ON	ON	OFF	ON	ON	36
37	OFF	ON	OFF	ON	ON	OFF	ON	ON	37
38	ON	OFF	OFF	ON	ON	OFF	ON	ON	38
39	OFF	OFF	OFF	ON	ON	OFF	ON	ON	39
40	ON	ON	ON	OFF	ON	OFF	ON	ON	40
41	OFF	ON	ON	OFF	ON	OFF	ON	ON	41
42	ON	OFF	ON	OFF	ON	OFF	ON	ON	42
43	OFF	OFF	ON	OFF	ON	OFF	ON	ON	43
44	ON	ON	OFF	OFF	ON	OFF	ON	ON	44
45	OFF	ON	OFF	OFF	ON	OFF	ON	ON	45
46	ON	OFF	OFF	OFF	ON	OFF	ON	ON	46
47	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	47
48	ON	ON	ON	ON	OFF	OFF	ON	ON	48
49	OFF	ON	ON	ON	OFF	OFF	ON	ON	49
50	ON	OFF	ON	ON	OFF	OFF	ON	ON	50
51	OFF	OFF	ON	ON	OFF	OFF	ON	ON	51
52	ON	ON	OFF	ON	OFF	OFF	ON	ON	52
53	OFF	ON	OFF	ON	OFF	OFF	ON	ON	53
54	ON	OFF	OFF	ON	OFF	OFF	ON	ON	54
55	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	55
56	ON	ON	ON	OFF	OFF	OFF	ON	ON	56

Address Switches									
ADD	1	2	3	4	5	6	7	8	ADD
57	OFF	ON	ON	OFF	OFF	OFF	ON	ON	57
58	ON	OFF	ON	OFF	OFF	OFF	ON	ON	58
59	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	59
60	ON	ON	OFF	OFF	OFF	OFF	ON	ON	60
61	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	61
62	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	62
63	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	63
64	ON	ON	ON	ON	ON	ON	OFF	ON	64
65	OFF	ON	ON	ON	ON	ON	OFF	ON	65
66	ON	OFF	ON	ON	ON	ON	OFF	ON	66
67	OFF	OFF	ON	ON	ON	ON	OFF	ON	67
68	ON	ON	OFF	ON	ON	ON	OFF	ON	68
69	OFF	ON	OFF	ON	ON	ON	OFF	ON	69
70	ON	OFF	OFF	ON	ON	ON	OFF	ON	70
71	OFF	OFF	OFF	ON	ON	ON	OFF	ON	71
72	ON	ON	ON	OFF	ON	ON	OFF	ON	72
73	OFF	ON	ON	OFF	ON	ON	OFF	ON	73
74	ON	OFF	ON	OFF	ON	ON	OFF	ON	74
75	OFF	OFF	ON	OFF	ON	ON	OFF	ON	75
76	ON	ON	OFF	OFF	ON	ON	OFF	ON	76
77	OFF	ON	OFF	OFF	ON	ON	OFF	ON	77
78	ON	OFF	OFF	OFF	ON	ON	OFF	ON	78
79	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	79
80	ON	ON	ON	ON	OFF	ON	OFF	ON	80
81	OFF	ON	ON	ON	OFF	ON	OFF	ON	81
82	ON	OFF	ON	ON	OFF	ON	OFF	ON	82
83	OFF	OFF	ON	ON	OFF	ON	OFF	ON	83
84	ON	ON	OFF	ON	OFF	ON	OFF	ON	84
85	OFF	ON	OFF	ON	OFF	ON	OFF	ON	85
86	ON	OFF	OFF	ON	OFF	ON	OFF	ON	86
87	OFF	OFF	OFF	ON	OFF	ON	OFF	ON	87
88	ON	ON	ON	OFF	OFF	ON	OFF	ON	88
89	OFF	ON	ON	OFF	OFF	ON	OFF	ON	89
90	ON	OFF	ON	OFF	OFF	ON	OFF	ON	90
91	OFF	OFF	ON	OFF	OFF	ON	OFF	ON	91
92	ON	ON	OFF	OFF	OFF	ON	OFF	ON	92
93	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	93
94	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	94
95	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	95
96	ON	ON	ON	ON	ON	OFF	OFF	ON	96
97	OFF	ON	ON	ON	ON	OFF	OFF	ON	97
98	ON	OFF	ON	ON	ON	OFF	OFF	ON	98
99	OFF	OFF	ON	ON	ON	OFF	OFF	ON	99
100	ON	ON	OFF	ON	ON	OFF	OFF	ON	100
101	OFF	ON	OFF	ON	ON	OFF	OFF	ON	101
102	ON	OFF	OFF	ON	ON	OFF	OFF	ON	102
103	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	103
104	ON	ON	ON	ON	ON	OFF	OFF	ON	104
105	OFF	ON	ON	OFF	ON	OFF	OFF	ON	105
106	ON	OFF	ON	OFF	ON	OFF	OFF	ON	106
107	OFF	OFF	ON	OFF	ON	OFF	OFF	ON	107
108	ON	ON	OFF	OFF	ON	OFF	OFF	ON	108
109	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	109
110	ON	OFF	OFF	OFF	ON	OFF	OFF	ON	110
111	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	111
112	ON	ON	ON	ON	OFF	OFF	OFF	ON	112

Address Switches									
ADD	1	2	3	4	5	6	7	8	ADD
113	OFF	ON	ON	ON	OFF	OFF	OFF	ON	113
114	ON	OFF	ON	ON	OFF	OFF	OFF	ON	114
115	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	115
116	ON	ON	OFF	ON	OFF	OFF	OFF	ON	116
117	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	117
118	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	118
119	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	119
120	ON	ON	ON	OFF	OFF	OFF	OFF	ON	120
121	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	121
122	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	122
123	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	123
124	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	124
125	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	125
126	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	126
127	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	127
128	ON	ON	ON	ON	ON	ON	ON	OFF	128
129	OFF	ON	ON	ON	ON	ON	ON	OFF	129
130	ON	OFF	ON	ON	ON	ON	ON	OFF	130
131	OFF	OFF	ON	ON	ON	ON	ON	OFF	131
132	ON	ON	OFF	ON	ON	ON	ON	OFF	132
133	OFF	ON	OFF	ON	ON	ON	ON	OFF	133
134	ON	OFF	OFF	ON	ON	ON	ON	OFF	134
135	OFF	OFF	OFF	ON	ON	ON	ON	OFF	135
136	ON	ON	ON	OFF	ON	ON	ON	OFF	136
137	OFF	ON	ON	OFF	ON	ON	ON	OFF	137
138	ON	OFF	ON	OFF	ON	ON	ON	OFF	138
139	OFF	OFF	ON	OFF	ON	ON	ON	OFF	139
140	ON	ON	OFF	OFF	ON	ON	ON	OFF	140
141	OFF	ON	OFF	OFF	ON	ON	ON	OFF	141
142	ON	OFF	OFF	OFF	ON	ON	ON	OFF	142
143	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	143
144	ON	ON	ON	ON	OFF	ON	ON	OFF	144
145	OFF	ON	ON	ON	OFF	ON	ON	OFF	145
146	ON	OFF	ON	ON	OFF	ON	ON	OFF	146
147	OFF	OFF	ON	ON	OFF	ON	ON	OFF	147
148	ON	ON	OFF	ON	OFF	ON	ON	OFF	148
149	OFF	ON	OFF	ON	OFF	ON	ON	OFF	149
150	ON	OFF	OFF	ON	OFF	ON	ON	OFF	150
151	OFF	OFF	OFF	ON	OFF	ON	ON	OFF	151
152	ON	ON	ON	OFF	OFF	ON	ON	OFF	152
153	OFF	ON	ON	OFF	OFF	ON	ON	OFF	153
154	ON	OFF	ON	OFF	OFF	ON	ON	OFF	154
155	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	155
156	ON	ON	OFF	OFF	OFF	ON	ON	OFF	156
157	OFF	ON	OFF	OFF	OFF	ON	ON	OFF	157
158	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	158
159	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	159
160	ON	ON	ON	ON	ON	OFF	ON	OFF	160
161	OFF	ON	ON	ON	ON	OFF	ON	OFF	161
162	ON	OFF	ON	ON	ON	OFF	ON	OFF	162
163	OFF	OFF	ON	ON	ON				

DIP SWITCH ADDRESSING

Every Corridor Reset Unit must have a **unique** address setting. This is configured by a bank of address switches fitted to each unit. The table below illustrates the permitted switch settings 1 through to 215 or 254 depending on the age of the unit. To use the address settings above 215, you must ensure that all network devices and Power Supply Controller are fitted with the 254 address software. The Cell Call File Server Software must be version 3.1.2 or above. This software will be introduced and will replace the earlier 215 software throughout 2003.



Enlarged view of DIL Switches

Up towards the word 'ON' is **ON** and down away from the word 'ON' is **OFF**. In the example to the left, the address setting from Switch 1 is:

ON OFF OFF ON OFF ON ON ON

= Address 22

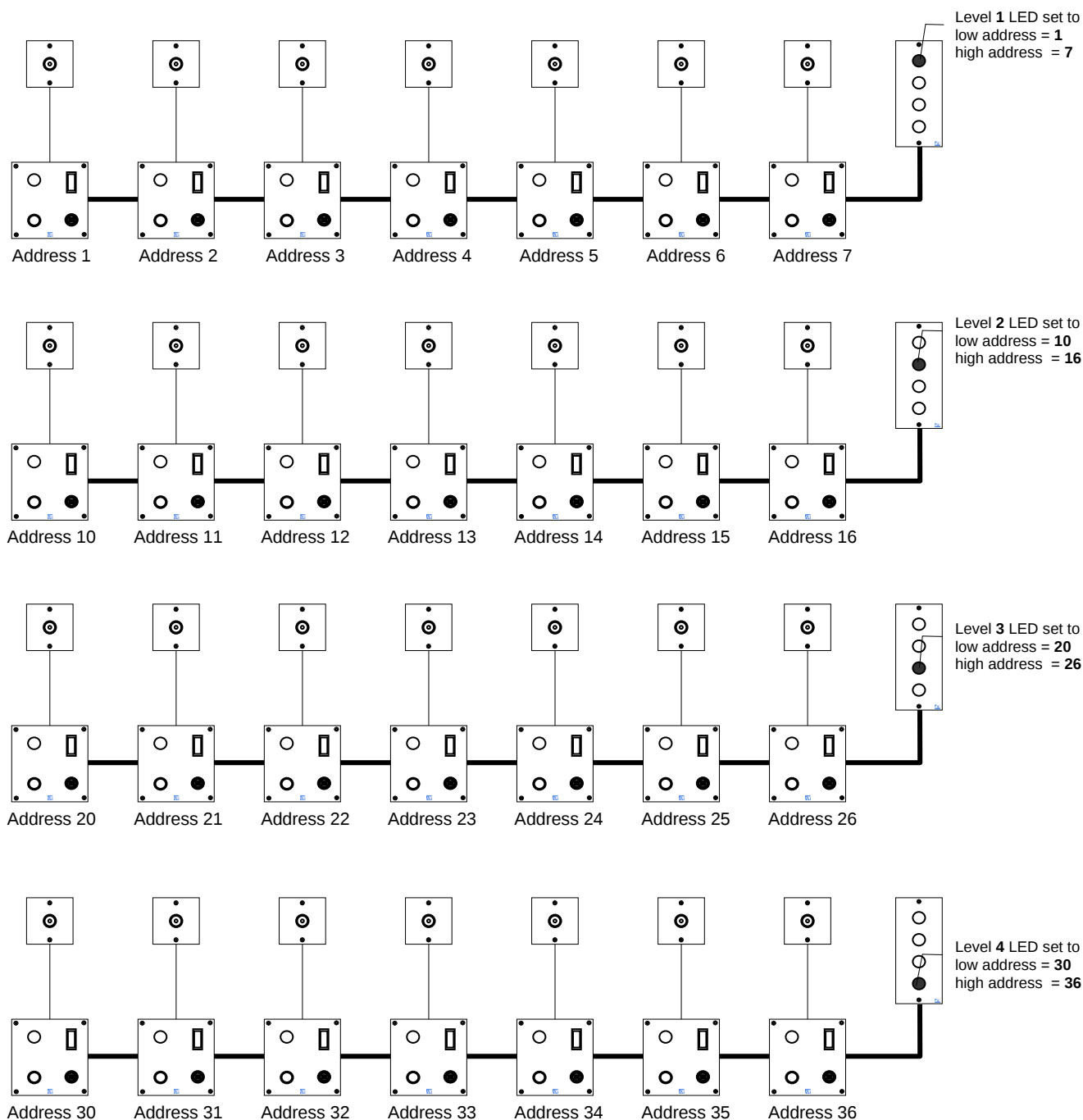
EVERY UNIT MUST HAVE A UNIQUE ADDRESS – DO NOT REPEAT ADDRESSES

Address Switches									
ADD	1	2	3	4	5	6	7	8	ADD
169	OFF	ON	ON	OFF	ON	OFF	ON	OFF	169
170	ON	OFF	ON	OFF	ON	OFF	ON	OFF	170
171	OFF	OFF	ON	OFF	ON	OFF	ON	OFF	171
172	ON	ON	OFF	OFF	ON	OFF	ON	OFF	172
173	OFF	ON	OFF	OFF	ON	OFF	ON	OFF	173
174	ON	OFF	OFF	OFF	ON	OFF	ON	OFF	174
175	OFF	OFF	OFF	OFF	ON	OFF	ON	OFF	175
176	ON	ON	ON	ON	OFF	OFF	ON	OFF	176
177	OFF	ON	ON	ON	OFF	OFF	ON	OFF	177
178	ON	OFF	ON	ON	OFF	OFF	ON	OFF	178
179	OFF	OFF	ON	ON	OFF	OFF	ON	OFF	179
180	ON	ON	OFF	ON	OFF	OFF	ON	OFF	180
181	OFF	ON	OFF	ON	OFF	OFF	ON	OFF	181
182	ON	OFF	OFF	ON	OFF	OFF	ON	OFF	182
183	OFF	OFF	OFF	ON	OFF	OFF	ON	OFF	183
184	ON	ON	ON	OFF	OFF	OFF	ON	OFF	184
185	OFF	ON	ON	OFF	OFF	OFF	ON	OFF	185
186	ON	OFF	ON	OFF	OFF	OFF	ON	OFF	186
187	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	187
188	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	188
189	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	189
190	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	190
191	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	191
192	ON	ON	ON	ON	ON	ON	OFF	OFF	192
193	OFF	ON	ON	ON	ON	ON	OFF	OFF	193
194	ON	OFF	ON	ON	ON	ON	OFF	OFF	194
195	OFF	OFF	ON	ON	ON	ON	OFF	OFF	195
196	ON	ON	OFF	ON	ON	ON	OFF	OFF	196
197	OFF	ON	OFF	ON	ON	ON	OFF	OFF	197
198	ON	OFF	OFF	ON	ON	ON	OFF	OFF	198
199	OFF	OFF	OFF	ON	ON	ON	OFF	OFF	199
200	ON	ON	ON	OFF	ON	ON	OFF	OFF	200
201	OFF	ON	ON	OFF	ON	ON	OFF	OFF	201
202	ON	OFF	ON	OFF	ON	ON	OFF	OFF	202
203	OFF	OFF	ON	OFF	ON	ON	OFF	OFF	203
204	ON	ON	OFF	OFF	ON	ON	OFF	OFF	204
205	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	205
206	ON	OFF	OFF	OFF	ON	ON	OFF	OFF	206
207	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	207
208	ON	ON	ON	ON	OFF	ON	OFF	OFF	208
209	OFF	ON	ON	ON	OFF	ON	OFF	OFF	209
210	ON	OFF	ON	ON	OFF	ON	OFF	OFF	210
211	OFF	OFF	ON	ON	OFF	ON	OFF	OFF	211
212	ON	ON	OFF	ON	OFF	ON	OFF	OFF	212
213	OFF	ON	OFF	ON	OFF	ON	OFF	OFF	213
214	ON	OFF	OFF	ON	OFF	ON	OFF	OFF	214
215	OFF	OFF	OFF	ON	OFF	ON	OFF	OFF	215

Address Switches									
ADD	1	2	3	4	5	6	7	8	ADD
216	ON	ON	ON	OFF	OFF	ON	OFF	OFF	216
217	OFF	ON	ON	OFF	OFF	ON	OFF	OFF	217
218	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	218
219	OFF	OFF	ON	OFF	OFF	ON	OFF	OFF	219
220	ON	ON	OFF	OFF	OFF	ON	OFF	OFF	220
221	OFF	ON	OFF	OFF	OFF	ON	OFF	OFF	221
222	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	222
223	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	223
224	ON	ON	ON	ON	ON	OFF	OFF	OFF	224
225	OFF	ON	ON	ON	ON	OFF	OFF	OFF	225
226	ON	OFF	ON	ON	ON	OFF	OFF	OFF	226
227	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	227
228	ON	ON	OFF	ON	ON	OFF	OFF	OFF	228
229	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	229
230	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	230
231	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	231
232	ON	ON	ON	OFF	ON	OFF	OFF	OFF	232
233	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	233
234	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	234
235	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	235
236	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	236
237	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	237
238	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	238
239	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	239
240	ON	ON	ON	ON	OFF	OFF	OFF	OFF	240
241	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	241
242	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	242
243	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	243
244	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	244
245	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	245
246	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	246
247	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	247
248	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	248
249	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	249
250	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	250
251	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	251
252	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	252
253	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	253
254	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	254

LANDING INDICATOR ADDRESSING

The landing indicators can only respond to a range of consecutive addresses. They have 'lower' and 'higher' address switches for each LED, which will respond to all addresses between the two values. In the example below, we have a four level system with landing indicators on each level. All corridor reset units are set to consecutive addresses on each level, with a gap left in the addresses for future expansion. The landing indicators are all set up with identical settings so each level LED will only respond to calls on that level. A landing indicator can be set to respond to any call on the entire system by simply setting the 'lower' address to 1 and the 'higher' address to 215. The LED's on the landing indicator mimic the corridor reset LED's but an emergency call will extinguish all standard calls and indicate the level with the emergency call only, until this is reset.

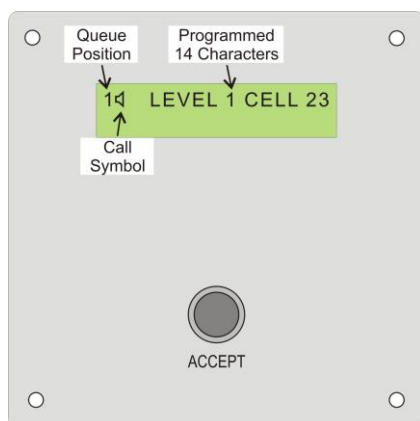


HOW THE DISPLAY SHOWS CALLS

The table below indicates the priorities of call types and how they are displayed on the LCD. Level 6 is the highest priority and is displayed in front of all other calls. Call(s) in lower levels are stored in memory but only displayed once the higher level call(s) are cancelled. A maximum of 15 calls can be scrolled around the LCD on any one level.

	Call Type	LCD Appearance
6	Emergency Calls	1E LEVEL 3 CELL 23 EMERGENCY!
5	Priority Calls	1P LEVEL 3 CELL 23
5	Normal Calls	1◀ LEVEL 3 CELL 23
4	Accepted Calls	1◀ LEVEL 3 CELL 23
3	Tamper Calls	1T LEVEL 3 CELL 23 TAMPER
3	Unit Failure	1 ~ LEVEL 3 CELL 23 UNIT FAILURE
2	Accepted Tamper Calls	1◀ LEVEL 3 CELL 23 TAMPER
2	Accepted Unit Failures	1◀ LEVEL 3 CELL 23 UNIT FAILURE
1	PSU Faults	ADT CELL CALL SYSTEM FAULT
-	Quiescent	ADT CELL CALL SYSTEM HEALTHY

Appearance of the different call types and symbols.



Symbols	
◀	Active Alarm
◀	Accepted Alarm
E	Emergency Call
P	Priority Call
T	Tamper
~	Unit Failure

Call Number.

This gives an indication of queue position with call number 1 being the oldest call.

System Status LED.

The LED has two conditions; Normal condition = Green / Fault condition = Red. If there a fault on the system (**Unit failure**, **Tamper** or **Power Supply Fault**) the LED indicates RED regardless of the current display on the LCD. The user will need to clear down higher level calls for the fault to be displayed on the LCD. Please see page 34 for more information on the L7018.

SYSTEM CALL PRIORITIES

The table below indicates the different events and where they are displayed on the system.

Event Type	Cell re-assurance indicator	Corridor Reset indicator	LCD Display Unit	Landing Indicator	File Server / Printer
Call	*	*	*	*	*
Accept	*	*	*	*	*
Priority	*	*	*	*	*
Attendance	-	*	-	-	-
Emergency	*	*	*	*	*
Reset	*	*	*	*	*
Visit	-	*	-	-	*
Tamper	-	*	*	-	*
Unit Fail	-	-	*	-	*
PSU Fault	-	-	*	-	*

The following list details all event types possible on the system:

Call - A standard call generated by an inmate within the cell which can be silenced in the wing office.

Accept - Activated by operating the Accept button on the LCD display in the wing office. *This function is only available on standard calls.*

Priority - A standard call which has remained active in excess of a pre-determined period of time.

Emergency - The highest priority call level generated when the cell call button or corridor reset button is pressed after the attendance key-switch has been enabled.

Reset - A reset action activated from the corridor reset unit.

Visit - Activated when the visit button is pressed on the Corridor Reset Unit when the unit is not in alarm condition.

Tamper - Activated by unauthorised removal of a cell call point.

Unit Failure (Lost) - All Corridor Reset Units are continuously monitored, if a unit connection lost or addressing electronics fail this alarm shall be raised.

Power Supply Fault – Activated by the power supply monitor circuits.

The following alarm conditions shall be identified on the cell call re-assurance indicator, corridor reset indicator and landing indicators as follows:

Call - 1 second on, 1 second off

Priority - 1 second on, 1 second off

Accepted Call - Continuous indication.

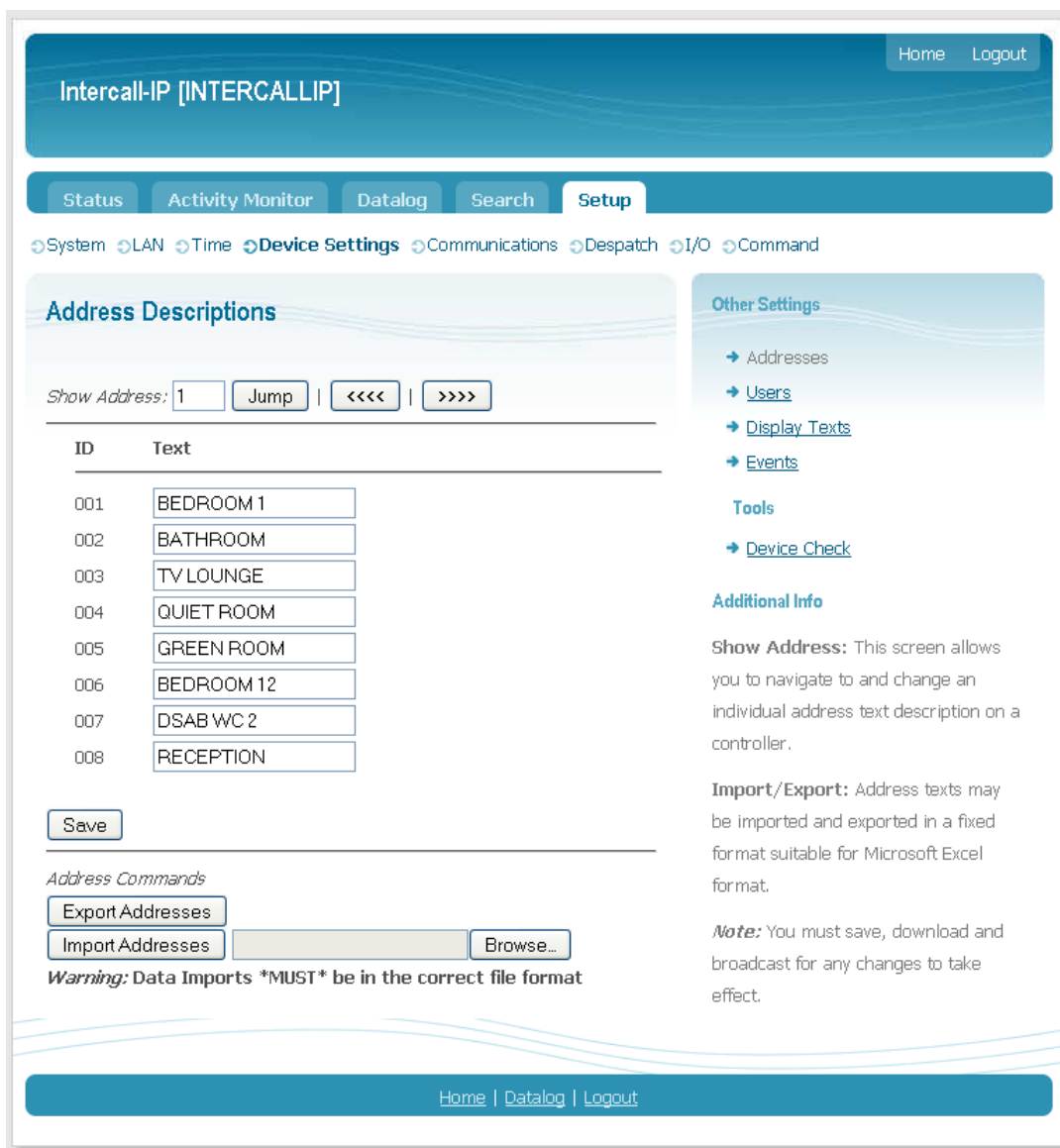
Emergency Call - ½ second on, ½ second off.

PROGRAMMING THE SYSTEM

Each address can be programmed with 14 alphanumeric characters to describe the cell location. The system employed by many establishments is LEVEL x CELL y and this can easily be accommodated by the 14 characters permitted in the system.

Using the L7700 PSU/Controller embedded web server.

The L7700 Power Supply/Controller contains an embedded web server where all system configuration including text strings are programmed from.



The screenshot shows the Intercall-IP [INTERCALLIP] web interface. The top navigation bar includes 'Home' and 'Logout'. Below this is a menu with 'Status', 'Activity Monitor', 'Datalog', 'Search', and 'Setup' (which is selected). Under 'Setup', there are links for 'System', 'LAN', 'Time', 'Device Settings' (selected), 'Communications', 'Despatch', 'I/O', and 'Command'.

The main content area is titled 'Address Descriptions'. It features a 'Show Address:' field with the value '1', a 'Jump' button, and navigation buttons '<<<<' and '>>>>'. Below this is a table with two columns: 'ID' and 'Text'.

ID	Text
001	BEDROOM 1
002	BATHROOM
003	TV LOUNGE
004	QUIET ROOM
005	GREEN ROOM
006	BEDROOM 12
007	DSAB WC 2
008	RECEPTION

Below the table is a 'Save' button. Underneath, there is a section for 'Address Commands' with buttons for 'Export Addresses' and 'Import Addresses', followed by a 'Browse...' button. A warning message states: 'Warning: Data Imports *MUST* be in the correct file format'.

On the right side of the interface, there is an 'Other Settings' section with links for 'Addresses', 'Users', 'Display Texts', and 'Events'. Below this is a 'Tools' section with a link for 'Device Check'. Further down is an 'Additional Info' section with a 'Show Address' description and an 'Import/Export' description.

The bottom of the interface has a blue bar with links for 'Home', 'Datalog', and 'Logout'.



Every cell is assigned a 14 character description, which is used to identify the location in the wing office and for data retrieval purposes. Please use the chart below to indicate you required cell descriptions.

Ex	L	E	V	E	L		1		C	E	L	L		6
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
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80														
81														
82														
83														
84														
85														



Every cell is assigned a 14 character description, which is used to identify the location in the wing office and for data retrieval purposes. Please use the chart below to indicate you required cell descriptions.

Ex	L	E	V	E	L		1		C	E	L	L		6
86														
87														
88														
89														
90														
91														
92														
93														
94														
95														
96														
97														
98														
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170														

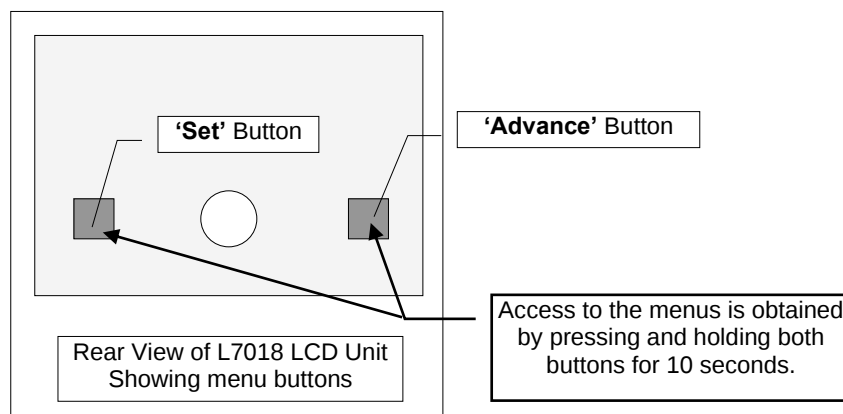


Every cell is assigned a 14 character description, which is used to identify the location in the wing office and for data retrieval purposes. Please use the chart below to indicate you required cell descriptions.

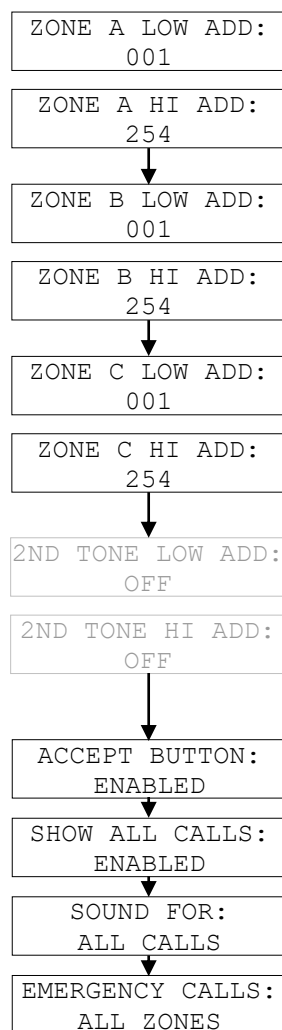
[illegible][illegible]

DISPLAY MENU SETTINGS

The L7018 LCD unit has an integral menu feature, which is used to configure the operation of the unit. There are two buttons on the rear of the PCB, which are used to alter the settings within the menu. Access to the menu is obtained by pressing and holding both buttons for 10 seconds.



After the 'Advance' and 'Set' buttons have been held down for 10 seconds, 'Entering menu' is displayed followed by the first menu setting as shown below.



Once into the menu structure, pressing the 'Set' button will advance to the next item and pressing the 'Advance' button will change the setting for the shown item. For example, when 'Zone A Low Add' is showing, pressing 'Set' will advance the user to 'Zone A Hi Add' but pressing the 'Advance' button will increment the address number shown on the lower line.

There are three independent active zone settings on each LCD unit; 'Zone A', 'Zone B' and 'Zone C'. The LCD will respond to any Corridor Reset unit which is addressed within the 'Lo' to 'Hi' ranges for 'Zone A', 'Zone B' or 'Zone C'. The use of three independent zone settings allows flexibility when landing indicators are also required.

If a corridor reset is not required to be indicated on the LCD, the address of the unit must not be within the 'Lo' to 'Hi' range of any of the zones.

The 2nd tone feature is not implemented on the L7018 and must be set to the 'OFF' position as shown on the left.

The accept button can be disabled for corridor locations, pressing the 'Advance' button will alter the setting from 'Enabled' to 'Disabled'

'Show all calls' allows the LCD screen to display calls from outside the zone settings but not to sound the alarm. Pressing the 'Advance' button will alter the setting from 'Enabled' to 'Disabled'

'Sound for' allows the LCD to be set to only sound the alarm for emergency calls only. Pressing the 'Advance' button will alter the setting from 'All Calls' to 'Emergency Calls Only'

The 'Emergency Calls' setting can be used to allow the LCD to respond to any emergency call regardless of the zone setting. Pressing the 'Advance' button will alter the setting from 'All Zones' to 'Own Zone Only'

Once you have pressed 'Set' at the 'Emergency Calls' item, this will exit the menu settings.

SERVICING MAINTENANCE AND TESTS

Generally, the basic cell call points and corridor reset functionality is tested every day as part of the establishments procedures. This normally highlights problems with the functionality but does not include system checks or measurements. There is a full commissioning check sheet available which details full system commissioning and tests. The following checks should be carried out at maximum of 12 month intervals to ensure continued system operation.

L7700 Power Supply(ies)

The following checks must be carried out at all L7700/L7500 Power Supply locations.

- Ensure no fault LED's are showing.
- Measure the battery voltage at ensure it is above 13 Volts DC.
- Using a Digital Volt Meter, ensure the Network Output Voltage is above 11 Volts DC.
- Check the AC MON connections are secure and tighten with pliers if necessary (*These occasionally work loose causing an intermittent system fault*)

L7101/L7501 Protected Junction Units.

The following checks should be carried out at all L7101/L7501 locations.

- Check the green LED is flashing continuously.

L7018/L7518 LCD Display Units.

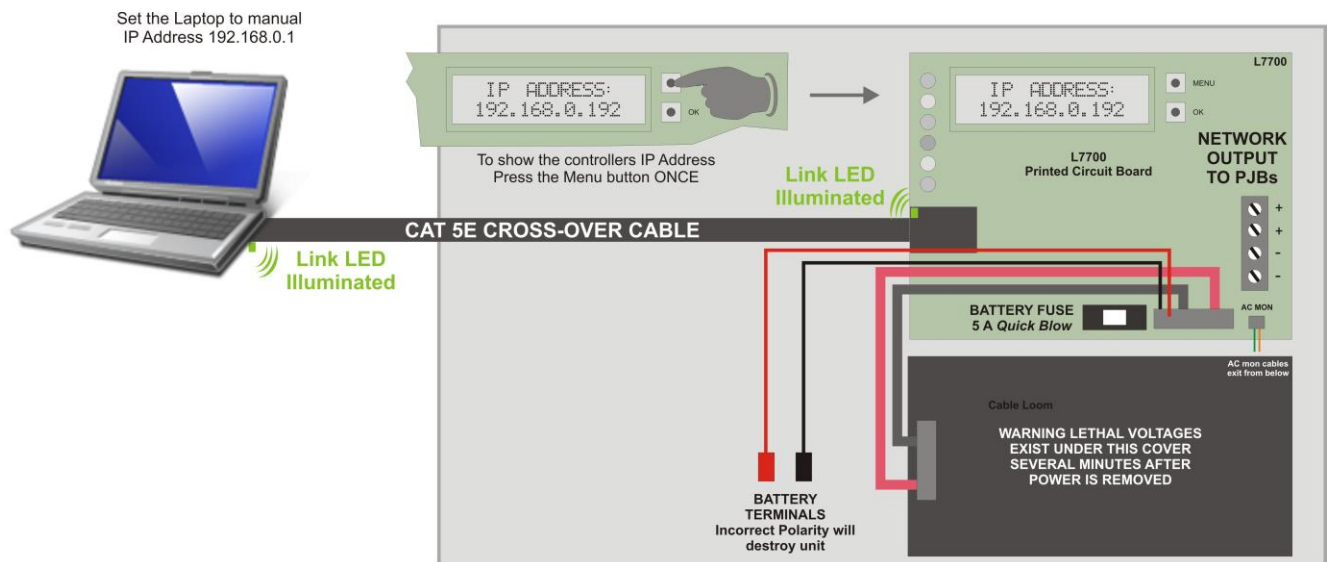
- Check the LCD display is clearly visible with dark segments making up the letters.
- Generate a cell call and ensure alarm tone is generated and the Call Accept function operates on a selection of cells.
- Generate a cell call and ensure alarm tone is generated and the Intercom function operates on a selection of cells. (*Intercom Enabled Systems Only*)

Network Devices.

- Check the Landing Indicator units sound and illuminate.
- There is a full commissioning check sheet available which details full system commissioning and tests.

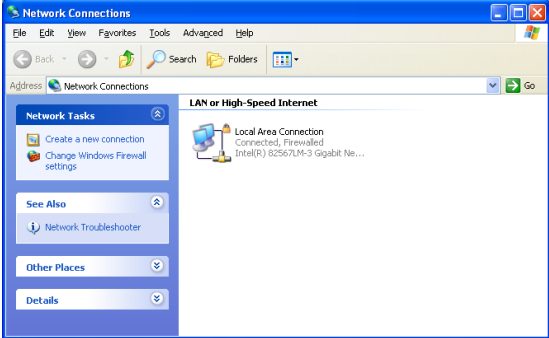
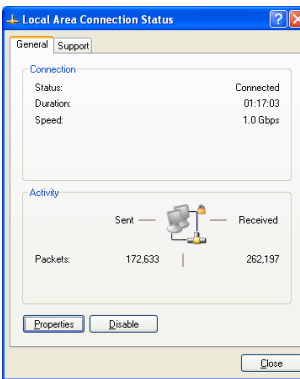
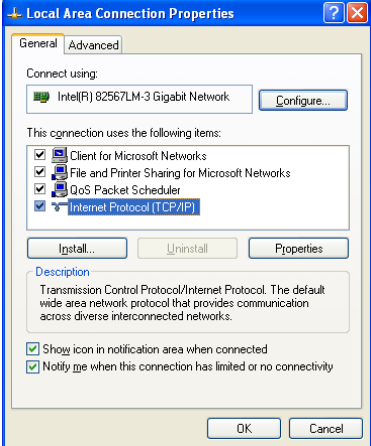
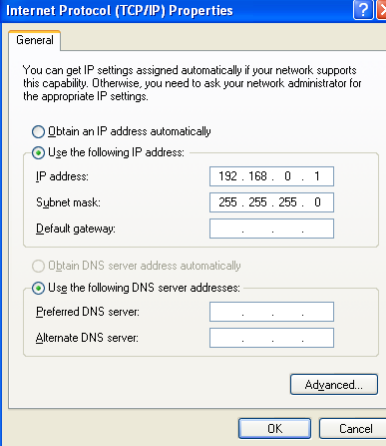
CONNECTING TO THE L7700CC CONTROLLER WITH A LAPTOP

To make a direct connection between a PC / Laptop and the L7700CC, you will need to manually set the IP address of the computer and connect the computer to the L7700CC using a **RJ45 Network Cable**. Depending on the age of the laptop, you may need a **Cross-Over Cable**. The **Link LED** must be illuminated on both the PC and L7700CC RJ45 connectors. In the example below, the L7700CC on the factory default IP address of **192.168.0.192**.

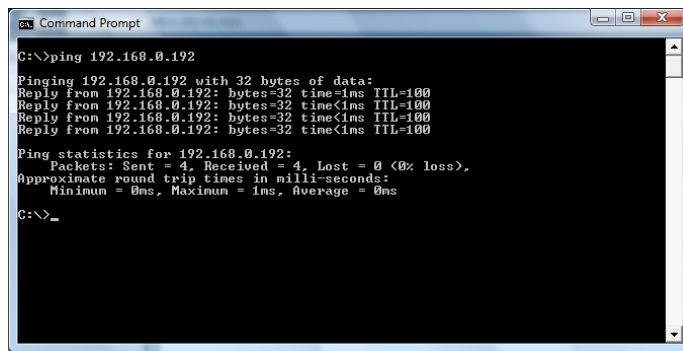


Manually Setting the PC IP Address (Windows XP)

1. **Control Panel – Network Connection** and double click the **Network Connections** icon to open the Network Connections Dialog. Now Select the **Wired Local Area Connection**.

1. 
2. 
3. 
4. 

2. The Local Area Network Connection Status screen will appear, now select the Properties button.
3. The Local Area Connection Properties dialog will appear, highlight *Internet Protocol (TCP/IP)* item and select the Properties button.
4. The Internet Protocol (TCP/IP) Properties dialog will appear, move the button down to *User the Following IP address:* and enter 192.168.0.1 and 255.255.255.0 as the subnet mask as shown above.
5. Now Select OK and windows will reassign the computers IP address.
6. Select *Start, All Programs, Accessories, Command Prompt* and type "Ping 192.168.0.192" into the command prompt & you will see the reply as shown below to confirm the IP16 is communicating



```

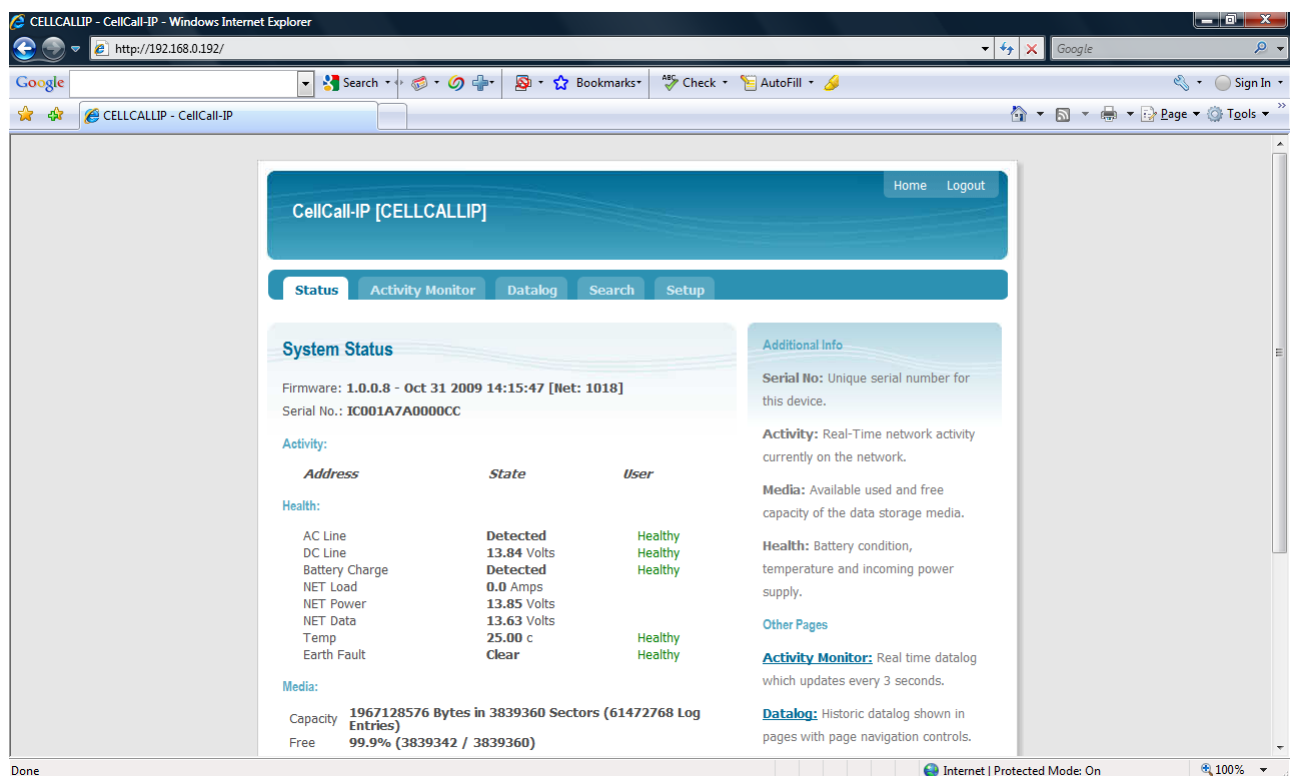
C:\>ping 192.168.0.192

Pinging 192.168.0.192 with 32 bytes of data:
Reply from 192.168.0.192: bytes=32 time=1ms TTL=100
Reply from 192.168.0.192: bytes=32 time<1ms TTL=100
Reply from 192.168.0.192: bytes=32 time<1ms TTL=100
Reply from 192.168.0.192: bytes=32 time<1ms TTL=100

Ping statistics for 192.168.0.192:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

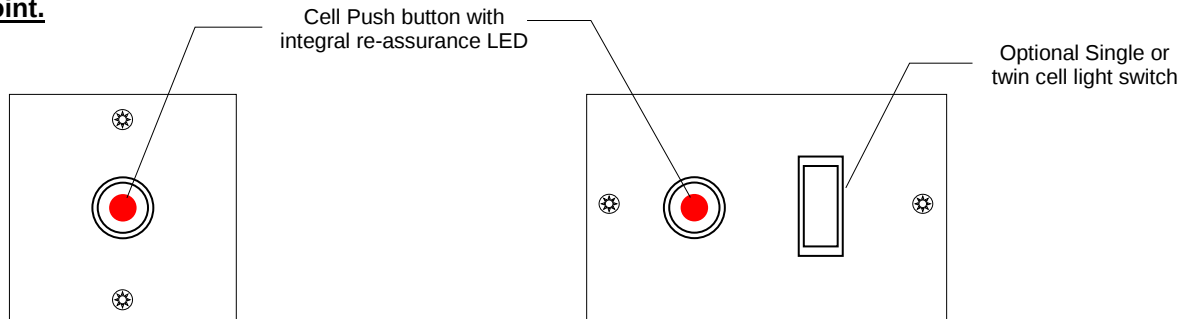
C:\>_
  
```

7. If the ping does not work, you can check the computers' IP Address by running another Command Prompt and type "ipconfig" & hit the enter key the IP address should show as 192.168.0.1
8. Once the ping command has worked and communication is established, use an Internet browser (Microsoft Internet Explorer / Mozilla Firefox etc) to view the IP16 Web Pages.

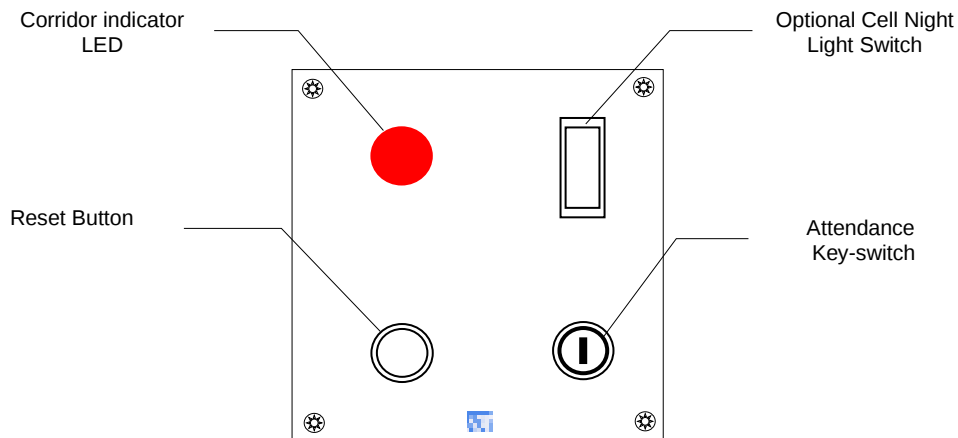


SYSTEM OPERATION

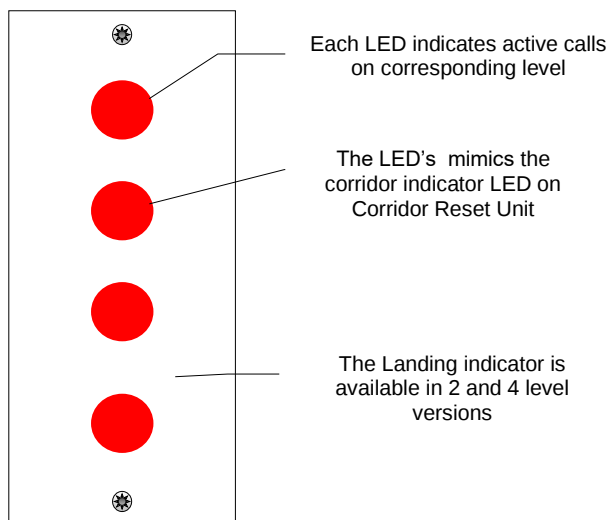
Cell Call Point.



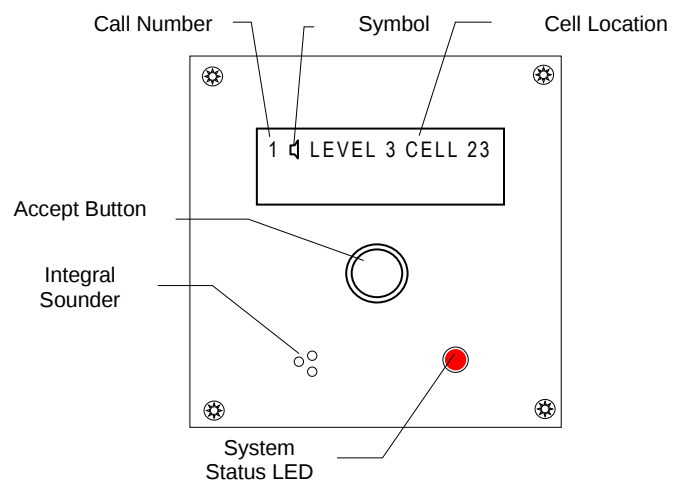
Corridor Reset Units.

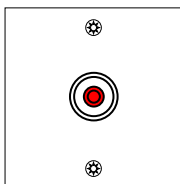


Landing Indicator Units.



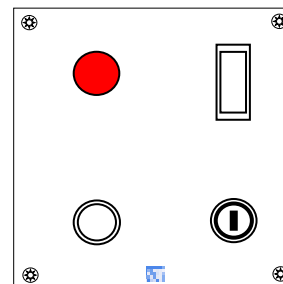
Wing Office LCD Display.





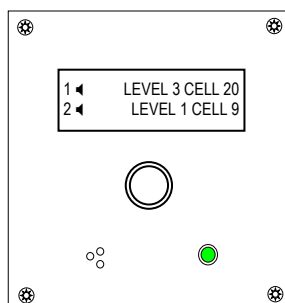
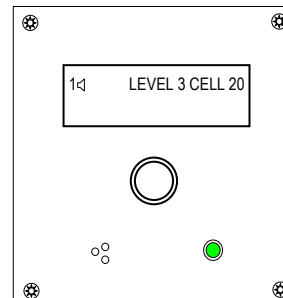
Standard Call.

A Standard call can only be generated from within the cell by pressing the call button. The in-cell **re-assurance led**, **Corridor Reset LED** and **landing Indicator LED** will flash 1 second on and 1 second off. In the wing office, the **LCD display** will show the location of the call and sound the audible alarm (a short uninterrupted tone). The illustration below right shows one active call from LEVEL 3 CELL 20, with call number 1 and the 'open speaker' symbol showing the call has not be silenced.



Call Accept.

A Standard call can be accepted at any LCD display unit by pressing the accept button while the call is shown on the top line. This action will silence the audible alarm for a pre-set period of time. When a call is accepted, the cell **re-assurance LED**, **Corridor Reset LED** and **Landing Indicator LED** illuminate continuously. The call continues to show on the LCD display but with the 'closed speaker' symbol indicating an accepted call.

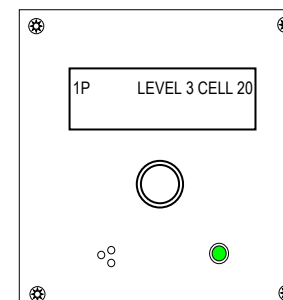


A New Call.

If another standard call is generated, the audible alarm will return. The accepted call(s) will be removed from the LCD but retained in memory. When the new call is accepted, the LCD will stack the accepted calls and show them both with the 'closed speaker' symbol. The illustration on the left shows the original call LEVEL 3 CELL 20 together with the more recently accepted call LEVEL 1 CELL 9. If more calls become active in this period, the above procedure will repeat.

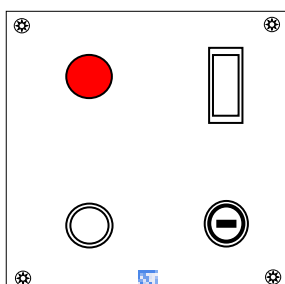
Priority Call.

When a standard call has been accepted and it is not reset within the pre-set time period, it will return as a Priority Call. The in-cell **re-assurance led**, **Corridor Reset LED** and **landing Indicator LED** will flash 1 second on and 1 second off. In the wing office, the **LCD display** will sound the audible alarm in the same way as a standard call. Any accepted call(s) will be removed from the LCD but retained in memory. It is not possible to accept a priority call, and the cell must be reset to silence the alarm. The illustration on the right shows a priority call from LEVEL 3 CELL 20, with call number 1 and the priority 'P' symbol showing.



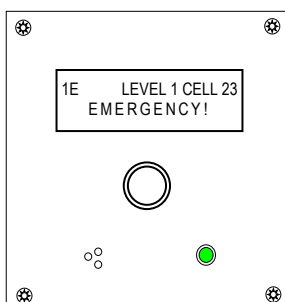
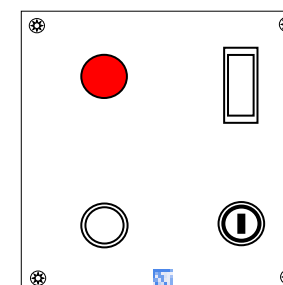
Attendance Mode.

Attendance mode is best described as a pre-alarm condition which enables an emergency call to be generated at the cell call point, corridor reset or automatically. To put a corridor reset unit into the attendance mode, the keyswitch will need to be set to the '3 o'clock' position, as shown on the left. The **Corridor Reset LED** will pulse twice per second. **The key may be removed in either position, but a 'man down' emergency call will be automatically generated if the switch is left in the '3 o'clock' position for 60 seconds or more.**



Emergency Call.

Once the corridor reset unit is in the attendance mode described above, pressing the cell call button or corridor reset button shall generate an emergency call. The in-cell **re-assurance led**, **Corridor Reset LED** and **landing Indicator LED** will flash 1/2 second on and 1/2 second off. In the wing office, the **LCD display** will show the location of the call and sound the emergency audible alarm. (*continuous interrupted tone*)



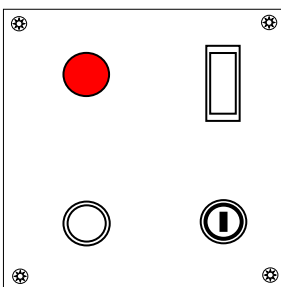
The illustration on the left shows one active emergency call from LEVEL 1 CELL 23, with call number 1 and the 'E' emergency call symbol. All other calls are removed from the LCD but retained in memory and will return once the emergency call is reset. It is not possible to accept an emergency call, and the cell must be reset to silence the alarm. **To reset the emergency call, return the attendance key-switch to the '12 o'clock' position and press the Reset button.**

Visit.

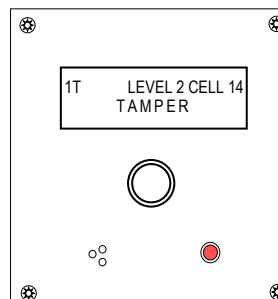
A 'Visit' is not an alarm, it may be considered to be the same as a 'peg' on a pegging system. It is generated at the **Corridor Reset Unit** by simply pressing the **reset button** when the unit is not active. This action is confirmed by an 'double pulse' indication on the **Corridor Reset LED**. The action is not notified in the cell, on the landing indicators or in the wing office. It is logged on the file server or printer with the date and time.

Tamper Alarm.

All 'in-cell' devices are fitted with a tamper circuit which will be activated in the event of a unit being removed from its fixings. The tamper condition is only notified on the corridor reset LED with a single pulse every 2 seconds.



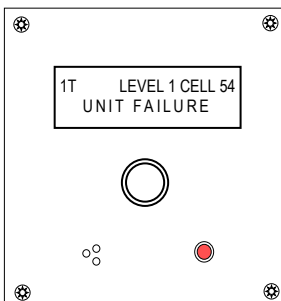
In the wing office, the **LCD display** will sound the audible alarm in the same way as a standard call. The illustration to the right shows an active tamper call from LEVEL 2 CELL 14, with call number 1 and the 'T' tamper symbol showing the call has not been accepted. Tamper calls can be accepted at any LCD display unit by pressing the accept button while the call is shown on the top line. This action will silence the audible alarm permanently but the visual indication will remain



on the LCD until reset.

When a standard, priority or emergency call is active on the system, the tamper call is removed from the LCD screen but is retained in memory for display once the higher level call(s) have been reset. The **System Status LED** will show RED whenever there is a tamper alarm anywhere on the system.

Tamper calls are reset at the appropriate corridor reset unit in the normal way. **It is not possible to reset tamper calls if the tamper switch is in the active condition.** When the tamper condition is active on a cell location, this does not affect the units ability to generate standard, priority or emergency calls.



Unit Failure.

All corridor reset units are continuously monitored to ensure they are functioning correctly. If a unit fails or is disconnected from the system, a unit failure alarm is generated. The action is not notified in the cell, on the landing indicators or in the corridor reset unit.

In the wing office, the **LCD display** will sound an audible alarm (one short tone every 10 seconds) to indicate a system fault. The illustration to the left shows a unit failure at LEVEL 1 CELL 54, with call number 1 and the '~' unit failure symbol showing the call has not been accepted. Failures can be accepted at any LCD display unit by pressing the accept button while the call is shown on the top line. This action will

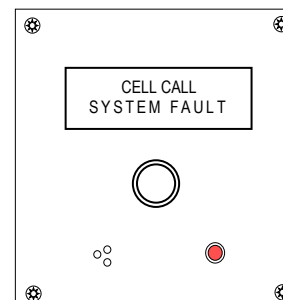
silence the audible alarm permanently but the visual indication will remain on the LCD until cleared.

When a standard, priority or emergency call is active on the system, the 'unit failure' is removed from the LCD screen but is retained in memory for display once the higher level call(s) have been reset. The **System Status LED** will show RED whenever there is a 'unit failure' anywhere on the system.

Unit failures are reset by replacing (or re-connecting) the corridor reset unit at the appropriate address. Alternatively a system reset can be performed which will remove the address from the system memory.

Power Supply Fault / System Fault.

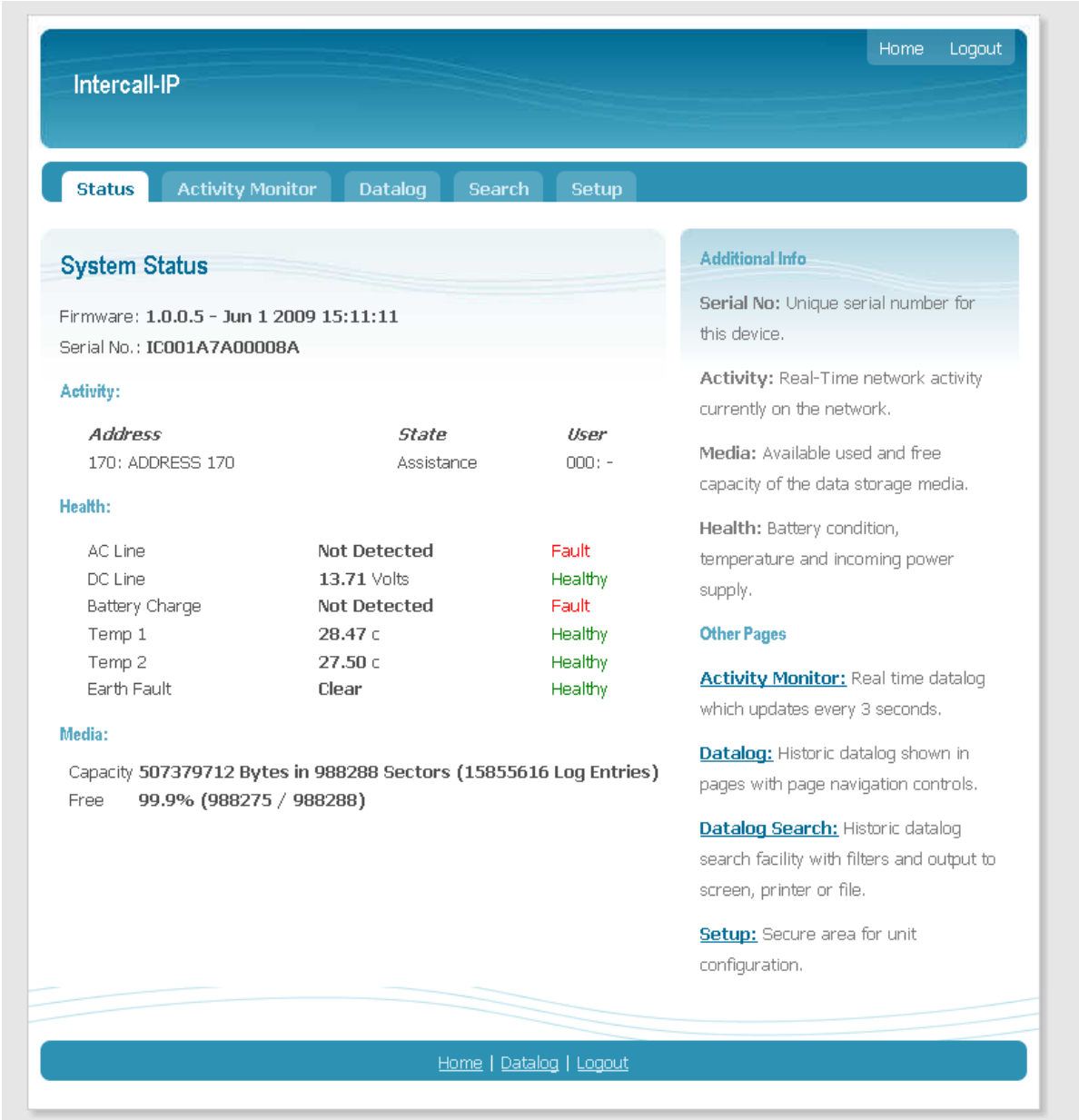
The main power supply is fitted with a number of circuits which continuously monitor the condition of the system and its resources. When a fault occurs, a common indication is sent to the **LCD Display**, which sounds the audible alarm one short tone every 10 seconds. The words 'MASTER PSU FAULT' or 'SYSTEM FAULT' are displayed on the lower line of the LCD as shown on the right. PSU Faults can be accepted at any LCD display unit by pressing the accept button while the fault is shown. This action will silence the audible alarm permanently but the visual indication will remain on the LCD until cleared.



When any other call is active on the system, the 'unit failure' is removed from the LCD screen but is retained in memory for display once the other call(s) have been reset. The **System Status LED** will show RED whenever there is a 'unit failure' anywhere on the system.

L7700 IP16 EMBEDDED WEB SERVER

The Intercall IP16 Power Supply Controller contains an embedded web server for system configuration and status. As you can see, the main index screen shows the status of the power supply together with any network device which is active. The HTML pages also contain help text to assist unfamiliar users navigate around the users screens. This controller is used with many different types of network devices and system configurations and not all of the features included in this manual may be applicable to your system.



The screenshot displays the Intercall-IP web interface. At the top, there is a header bar with the 'Intercall-IP' title and 'Home' and 'Logout' links. Below this is a navigation bar with tabs for 'Status', 'Activity Monitor', 'Datalog', 'Search', and 'Setup'. The main content area is divided into two columns. The left column, titled 'System Status', contains sections for 'Activity' (a table with columns Address, State, and User), 'Health' (a table with rows for AC Line, DC Line, Battery Charge, Temp 1, Temp 2, and Earth Fault), and 'Media' (showing capacity and free space). The right column, titled 'Additional Info', contains sections for 'Serial No.', 'Activity', 'Media', 'Health', and 'Other Pages' (with links to Activity Monitor, Datalog, Datalog Search, and Setup). A footer bar at the bottom contains 'Home | Datalog | Logout' links.

Intercall-IP Home Logout

Status Activity Monitor Datalog Search Setup

System Status

Firmware: 1.0.0.5 - Jun 1 2009 15:11:11
Serial No.: IC001A7A00008A

Activity:

Address	State	User
170: ADDRESS 170	Assistance	000: -

Health:

AC Line	Not Detected	Fault
DC Line	13.71 Volts	Healthy
Battery Charge	Not Detected	Fault
Temp 1	28.47 c	Healthy
Temp 2	27.50 c	Healthy
Earth Fault	Clear	Healthy

Media:

Capacity 507379712 Bytes in 988288 Sectors (15855616 Log Entries)
Free 99.9% (988275 / 988288)

Additional Info

Serial No: Unique serial number for this device.

Activity: Real-Time network activity currently on the network.

Media: Available used and free capacity of the data storage media.

Health: Battery condition, temperature and incoming power supply.

Other Pages

Activity Monitor: Real time datalog which updates every 3 seconds.

Datalog: Historic datalog shown in pages with page navigation controls.

Datalog Search: Historic datalog search facility with filters and output to screen, printer or file.

Setup: Secure area for unit configuration.

Home | Datalog | Logout

L7700CC DATA LOG FACILITY

All network activity is recorded internally within the Intercall IP Controller and may be accessed via the web server. The system automatically records a health check every hour together with the status of the power rails, internal temperature etc. The embedded search facility allows a filter to be applied to this data log for retrieval purposes, data can be filtered by date, time, location and event type. The data may be shown on-screen or downloaded and imported directly into Microsoft excel.

Intercall-IP			
Home Logout			
Status Activity Monitor Datalog Search Setup			
Activity Monitor			
Time	Address	Event	User
2009-06-04 10:17:37	012: ADDRESS 012	Call	000: -
2009-06-04 10:17:37	011: ADDRESS 011	Reset	000: -
2009-06-04 10:17:30	011: ADDRESS 011	Call	000: -
2009-06-04 10:17:30	010: ADDRESS 010	Reset	000: -
2009-06-04 10:17:22	010: ADDRESS 010	Call	000: -
2009-06-04 10:17:22	009: ADDRESS 009	Reset	000: -
2009-06-04 10:17:15	009: ADDRESS 009	Call	000: -
2009-06-04 10:17:15	008: RECEPTION	Reset	000: -
2009-06-04 10:17:08	008: RECEPTION	Call	000: -
2009-06-04 10:17:08	007: DSAB WC 2	Reset	000: -
2009-06-04 10:17:01	007: DSAB WC 2	Call	000: -
2009-06-04 10:17:01	006: BEDROOM 12	Reset	000: -
2009-06-04 10:16:53	006: BEDROOM 12	Call	000: -
2009-06-04 10:16:53	005: GREEN ROOM	Reset	000: -
2009-06-04 10:16:46	005: GREEN ROOM	Call	000: -
2009-06-04 10:16:46	004: QUIET ROOM	Reset	000: -
Home Datalog Logout			

Intercall-IP			
Home Logout			
Status Activity Monitor Datalog Search Setup			
Datalog			
Time	Address	Event	User
2009-06-04 10:16:22	021: ADDRESS 021	Reset	000: -
2009-06-04 10:16:22	020: ADDRESS 020	Reset	000: -
2009-06-04 10:16:22	019: ADDRESS 019	Reset	000: -
2009-06-04 10:16:22	018: ADDRESS 018	Reset	000: -
2009-06-04 10:16:22	017: ADDRESS 017	Reset	000: -
2009-06-04 10:16:22	016: ADDRESS 016	Reset	000: -
2009-06-04 10:16:22	015: ADDRESS 015	Reset	000: -
2009-06-04 10:16:22	014: ADDRESS 014	Reset	000: -
2009-06-04 10:16:22	013: ADDRESS 013	Reset	000: -
2009-06-04 10:16:22	012: ADDRESS 012	Reset	000: -
2009-06-04 10:16:22	011: ADDRESS 011	Reset	000: -
2009-06-04 10:16:22	010: ADDRESS 010	Reset	000: -
2009-06-04 10:16:22	009: ADDRESS 009	Reset	000: -
2009-06-04 10:16:22	008: RECEPTION	Reset	000: -
2009-06-04 10:16:22	007: DSAB WC 2	Reset	000: -
2009-06-04 10:16:22	006: BEDROOM 12	Reset	000: -
Page 10	Jump	<<<<	>>>>
Home Datalog Logout			

L7700 DATA LOG SEARCH FACILITY

The embedded search facility allows a filter to be applied to this data log for retrieval purposes, data can be filtered by date, time, location and event type. The data may be shown on-screen or downloaded and imported directly into Microsoft excel. In addition, management software can be used to interrogate the embedded data log and produce in depth trending and analysis reports.

[Home](#) [Logout](#)

Intercall-IP [INTERCALLIP]

[Status](#) [Activity Monitor](#) [Datalog](#) [Search](#) [Setup](#)

INTERCALLIP - Datalog Search

Download Result To File: ☐

From: To:

Time:

Unlock Time From Dates ☐

Address:

User:

All Events ☐

System	☐ Calls	☒ Visits	☐ Accepts	☐ Priority's	☐
Emergencies	☐ Attacks	☐ Assistance	☐ Tamperers	☐ Faults	☐
Isolate	☐ Resets	☒ Intercom	☐		

Search

Use your Browsers 'Stop' button to cancel and partially show your results.

Time	Address	Event	User
2009-12-06 05:36:24	001: MAIN RECEPTION	Reset	000: -
2009-12-06 05:36:17	001: MAIN RECEPTION	Call	000: -
2009-12-06 05:05:27	001: MAIN RECEPTION	Reset	000: -
2009-12-06 05:05:20	001: MAIN RECEPTION	Call	000: -
2009-12-06 04:34:30	001: MAIN RECEPTION	Reset	000: -
2009-12-06 04:34:23	001: MAIN RECEPTION	Call	000: -
2009-12-06 04:03:33	001: MAIN RECEPTION	Reset	000: -
2009-12-06 04:03:26	001: MAIN RECEPTION	Call	000: -
2009-12-06 03:32:36	001: MAIN RECEPTION	Reset	000: -
2009-12-06 03:32:28	001: MAIN RECEPTION	Call	000: -
2009-12-06 03:01:39	001: MAIN RECEPTION	Reset	000: -
2009-12-06 03:01:32	001: MAIN RECEPTION	Call	000: -
2009-12-06 02:30:42	001: MAIN RECEPTION	Reset	000: -
2009-12-06 02:30:35	001: MAIN RECEPTION	Call	000: -
2009-12-06 01:59:45	001: MAIN RECEPTION	Reset	000: -
2009-12-06 01:59:38	001: MAIN RECEPTION	Call	000: -
2009-12-06 01:28:48	001: MAIN RECEPTION	Reset	000: -
2009-12-06 01:28:41	001: MAIN RECEPTION	Call	000: -

[Home](#) | [Datalog](#) | [Logout](#)