



# SV91M

Security Approved Degausser

## **OPERATING and MAINTENANCE MANUAL**

# Thank you for purchasing a Verity Systems SV91M BULK TAPE DEGAUSSER

## OPERATING AND MAINTENANCE MANUAL

Document Reference No. M000304

Production Standard

**ZZ 009 145**

SV91M 240/220v 50Hz Security Approved Degaussers

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**WARNING**

This unit emits a strong magnetic field. Remove wrist watches before use. Personnel fitted with a Cardiac Pacemaker should not stand within 0.5 metres of the unit. Operating periods in excess of specified duration will result in exterior surfaces becoming very hot.

To help minimise the possibility of electrical shock hazards under no circumstances should any panels be removed.

**CAUTION**

It is recommended that magnetic storage media is kept at least 2 metres from the degausser

**IMPORTANT**

The power on/off switch used on this equipment is not an isolating switch. It is recommended that this equipment should be operated from a separate switched isolator which should be located close to the unit and within reach of the operator.

After 4 minutes of use a cooling fan will switch on. The fan will continue to run after the Degausser has been switch off. The mains supply should not be disconnected until the fan has stopped.

Always switch Degausser Off when not being used.

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**ENVIRONMENTAL PROTECTION**

Waste electrical products should not be thrown away with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

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## SECTION 1: SPECIFICATIONS

**Erase Depth:** -75db on 1500 Oe  
-90db on 750Oe

**Media Capacity:** Beta SP, MII, D1 & D2 cassettes  
1/4", 1/2", 1", 2" reels up to 16" diameter  
3 1/2" and 5 1/4" hard disk drives

**Power Requirements:**  
(factory set)

	<b>ZZ 009 145</b>
<b>Line voltage</b>	240/220V +5% -10%
<b>Line frequency</b>	50Hz
<b>Current (typical)</b>	6A

**Circuit Breaker:** 10A

**Erase time :** 3 seconds  
(Single pass)

**Run time :** 6 minutes typical

**Duty cycle:** 10 % to 20% depending on ambient air  
Temperature

**Mounting:** Free standing table top

**Overall Dimensions:** Depth 19 inches (480mm)  
Width 17.3 inches (440mm)  
Height 6 inches (150mm)

**Weight:** Approximately 27Kg

**Security Key Switch:** Standard

## **SECTION 2: ACCESSORIES/OPTIONS**

1. IBM Hub adaptor
2. NAB Hub adaptor
3. DIN pin adaptor

## SECTION 3: INTRODUCTION

A magnetic recording process is almost always preceded by an erasing process, either by bulk degaussing or by magnetic head erasure. Erasure is a fundamental step in achieving high quality recordings.

Bulk erasure is the preferred method due to the considerable reduction in time involved plus the otherwise use of expensive record/reproduce/erase equipment.

The SV91M bulk degausser functions like a large electro magnet, its erasing field originating as leakage flux from a large gap in the field structure, the SV91M structure is basically a U section. The field intensity decreases rapidly as the distance from the degausser surface increases. For example at a distance of approximately 2.75 inches from the degausser's surface a field strength of only 50 oersteds exists. Furthermore, the erasing field present at the front edge nearest the operator is also very low. It is therefore recommended that care should be taken to ensure the entire width of tape to be erased is exposed to the effective field.

## SECTION 4: INSTALLATION

### 4.1 Unpacking

Unpack the degausser carefully, and inspect it for signs of physical damage. If damage is apparent, a claim should be filed with the courier.

### 4.2 Power Requirements

Check the power supply requirements on the label attached to the back of the equipment with the available supply. The unit is supplied with a flying 3 wire cable which, when connected to a properly wired receptacle, earths the unit. It is essential that a proper earth connection is made to assure safe operation.



**CAUTION!**

*A good electrical ground must be connected to the degausser. The unit must be connected to the correct power supply. Failure to do so may result in permanent damage.*

*Connections:*

**Wire Colour**

Brown

Blue

Yellow/Green

**50Hz Unit**

Live

Neutral

Earth

### IMPORTANT INSTRUCTION

The mains supply outlet socket should be close to the installed equipment and fully accessible.



**NOTE:**

Degausser Current Consumption

The degaussing coils are powered as part of a tuned resonant circuit. This allows quite high circulating currents to be generated within the degaussing coils, with minimal current consumption from the mains voltage supply. However, this technique requires that the waveform of the supply voltage contains minimal harmonic distortion. A distorted waveform will result in an increase in current consumption. In extreme cases excessive current will trip the circuit breaker making it necessary to use a mains filter to remove the distortion and reduce the current consumption.

The typical current consumption figures provided in this manual are when powered from a supply with minimal distortion. Any increase in current consumption due to a distorted waveform will have minimal effect on the degausser's performance, however, excessive current consumption should be avoided for obvious reasons. In the event of unexplained high currents, please consult your supplier.



## SECTION 5: OPERATION



### WARNING!

STRONG MAGNETIC FIELDS ARE GENERATED.  
REMOVE WATCHES BEFORE USE

ENSURE THAT THE FAN OPERATES CORRECTLY DURING USE. (AFTER INITIAL WARM UP PERIOD). OPERATING PERIODS IN EXCESS OF SPECIFIED DURATION WILL RESULT IN EXTERIOR SURFACES BECOMING VERY HOT.

The SV91M degausser has been designed for simplicity of operation in that it consists basically of a flat bed over which the magnetic media is passed. Control is via a single on/off switch and indicator.

### 5.1 Turning on the SV91M



#### NOTE:

*Where a security key switch is fitted, the degaussing coil must only be energised and de-energised by using the power switch, i.e. use the RED BUTTON to switch power ON/OFF, NOT the key switch.*

The key switch is on the unit to immobilise it and stop unauthorised use. Following the procedure shown below will reduce the possibility of damaging the key switch contacts.

#### i. To Switch On

- a. Put key in key switch, switch "ON", by turning the key clockwise, (POWER WILL NOT COME ON YET).
- b. Press red Power button to *latch in*, "ON". The red light in the latching power "ON" button will light up. (POWER IS NOW ON).

#### ii. To Switch Off

- a. Press red Power button to *unlatch out*, "OFF". Red light in the latching power "OFF" button will go OUT.
- b. Switch key switch "OFF", by turning the key anti-clockwise, remove key. (POWER IS NOW OFF).

The illuminating on/off power switch is of the latching push button type which energises the degaussing coil. The media to be erased should be held away from the degausser whilst it is switched on. When switched on the degauss indicator will also illuminate.

On units with the key switch option fitted, the power switch will illuminate as normal when switched on but will also require the key switch to be turned clockwise for correct operation.

The media to be erased should be brought slowly towards the degausser's top surface. Place the media on the top surface against the guide at the right or left hand edge. Slide the media across the degausser in a slow and deliberate movement taking approximately three seconds to traverse the top face.

## 5.2 Cassettes and Cartridges

Cassettes and cartridges must be turned through 90 degrees and a second pass made, the media must be turned over and the process repeated, making a total of four passes to ensure complete erasure.

## 5.3 Reels and Pancakes

The media in reel or pancake form to be erased should be brought slowly towards the top surface. The media should be placed on the surface and rotated slowly and evenly taking approximately five seconds to complete a revolution; then remove the media slowly from the degausser before switching off. Reels with tape wider than 1/2" should be turned over then subjected to a second pass.

It is recommended that the degausser is switched off between media erasure as this will reduce the internal heating and increase the operation time.

## 5.4 3½" and 5¼" Hard Disk Drives

Because of the different types and manufactures specifications of PC hard disk units, Verity Systems only recommends the erasure of hard disk units as a security precaution for the following:

- a. Erasure of data from a faulty disk pack before being sent for service/repair.
- b. Erasure of data from disk packs before disposal of computer equipment.



**NOTE:**

*Verity Systems can not guarantee that a drive will be operational after degaussing.*

### **Method**

The hard disk pack can be erased as a whole unit and there is no need to remove the disks.

1. Place the hard disk drive on SV91's surface, slightly off-centre as shown in Fig. 1 and hold down. The hard disk's PCB board should be facing upwards throughout this process. Switch the degausser ON for 5 seconds and then switch OFF.

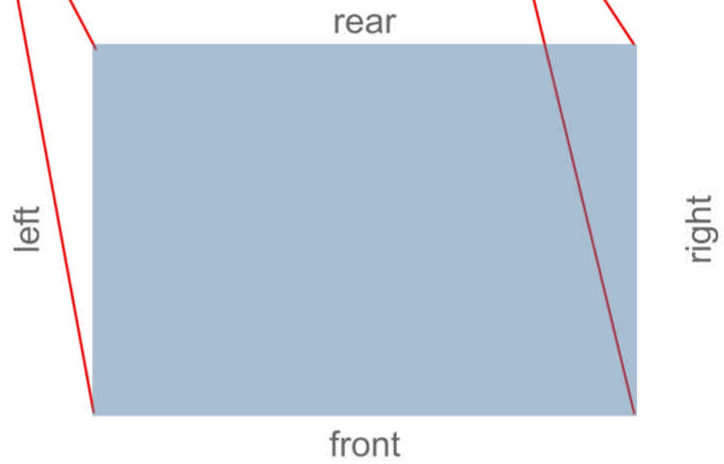
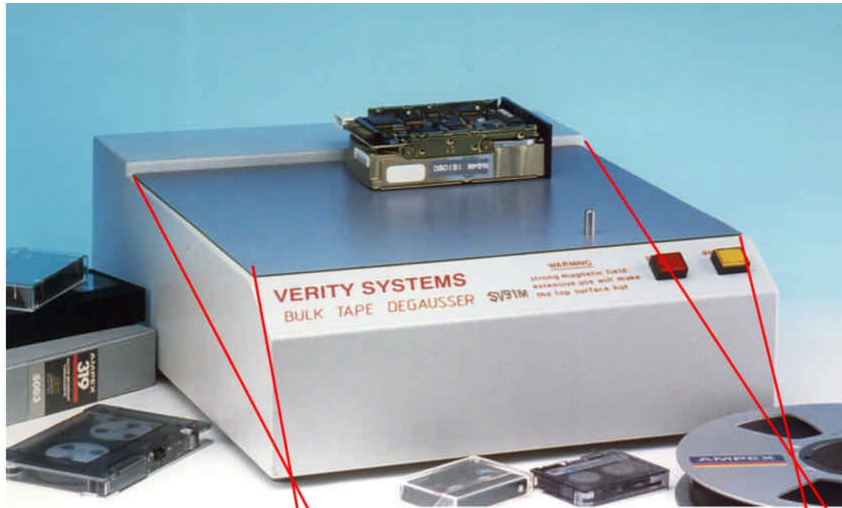


**NOTE:**

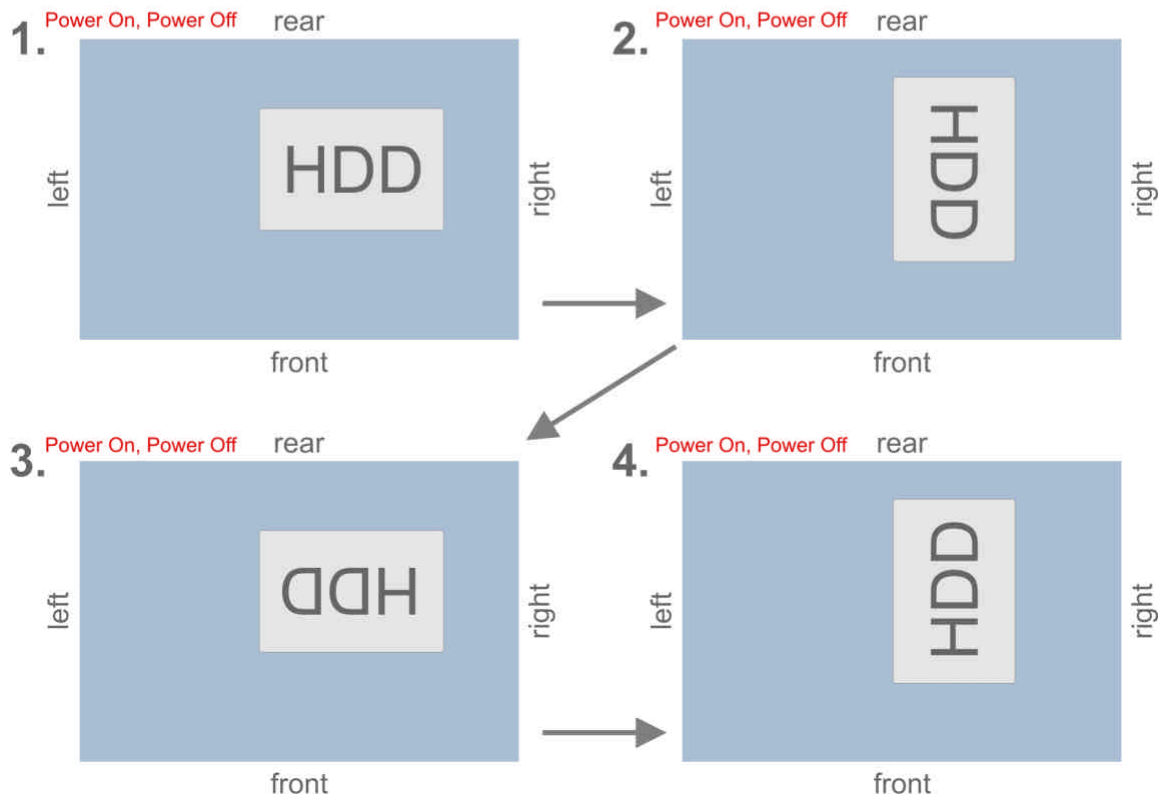
*The magnetic field might cause the hard disk to vibrate. This is quite normal.*

2. Rotate the hard disk through 90 degrees (Fig. 2). Switch ON the degausser for 5 seconds and then switch OFF.
3. Rotate the hard disk through 90 degrees (Fig. 3). Switch ON the degausser for 5 seconds and then switch OFF.
4. Rotate the hard disk through 90 degrees (Fig. 4). Switch ON the degausser for 5 seconds and then switch OFF.

The hard disk is now erased.



### HDD Procedure



## SECTION 6: INDICATORS/FEATURES

### 6.1 Indicator

The degauss indicator is provided to give an indication of degausser coil energisation. Certain circumstances can arise when, although the unit is switched on, the degauss coils may not be energised.

### 6.2 Overheat Protection

The high energy field developed by the SV91M necessitates the generation of a considerable amount of heat.

The degausser coil is monitored for excessively high temperatures and should this condition occur its operation will be inhibited until the coil has cooled sufficiently.

### 6.3 Cooling

A thermostatically controlled cooling fan is provided to extend the continuous operating period to a maximum.

### 6.4 Protection

The unit is protected by a thermal type circuit breaker. The current rating depends on the specified operating voltage.

## SECTION 7: MAINTENANCE /SERVICE

The unit is basically maintenance free but periodic checks should be made to ensure the correct operation of the fan and the good condition of the power cable.



**NOTE:**

*To reduce the risk of shock hazard disconnect the degausser from the mains voltage supply before carrying out any maintenance or servicing.*

### 7.1 Circuit Breaker

To reset the circuit breaker simply 'push in' and 'release' the button.

### 7.2 Bulb Replacement



**NOTE:**

*Remove Power from the unit before replacing bulbs.*

**7.2.1** Remove the "bulb lens" from the "switch/indicator body" by levering it forwards.

**7.2.2** Remove the bulb from the rear of the "bulb housing" using a suitable extraction tool.

**7.2.3** Replace the bulb noting the following:

- a) The bulb will fit in only one position in a locating slot. If when fitting this does not occur, remove the bulb and rotate it through 180°.

**7.2.4** Refit the "bulb lens" to the "switch/indicator body" by gently pushing the lens into the "switch/indicator body" housing.

	Neon Voltage	
Model	Power Switch	Indicator
ZZ 009 145	240/220v	240/220v

### 7.3 Cooling Fan

The cooling fan is of the conventional axial type powered from the ac voltage supply. The unit is over temperature and over current protected and does not require servicing. However in the event of failure the fan may easily be replaced from the rear of the degausser.

### 7.4 Internal Components

Most of the internal components are replaceable, i.e. the solid state relay, toroidal transformer and the thermal switches mounted on the degausser coil. However the tuning capacitors and the degaussing coil are not spared items and if found to be faulty the unit should be returned to Verity Systems for repair.

To access the components inside the degausser the laminate cover must be removed. This entails breaking the adhesive seal using a sharp blade.

#### **7.4.1 Solid State Relay Replacement**

A thermally conductive compound should be used to ensure adequate heat dissipation from the relay to the metal case.

#### **7.4.2 Thermal Switch Replacement**

Care must be exercised when replacing either of the switches on the degausser coil. The switches are fitted using an epoxy resin and it is recommended that the new switch be fitted in a new position on the coil and the old switch be left in place. The wire connections are of the 'push on' spade type and are easily transferred to the new switch. A high temperature epoxy resin part no. EA 200 001 should be used to secure the new switch.

#### **7.4.3 Cover replacement**

The laminate cover should be cleaned of old adhesive before refitting, using the sealant part no. EA 100 007.

## SECTION 8: TABLES

### 8.1 Basic Fault Finding Table



**NOTE:**

*The table below assists fault finding down to component levels. However, should the degaussing coil or tuning capacitors be found to be faulty it is recommended that the unit be returned to Verity Systems for repair.*

**TABLE 1**

Function	Symptoms	Possible Fault	Location
Fails to degauss media	Circuit Breaker CB1 repeatedly tripped	Incorrect supply voltage/frequency	User Source
	L1 and/or tuning	Faulty degauss coil left hand side capacitors C1-C4	Inside centre and
Power lamp	Fails to illuminate	Loss of mains supply	User source
		Tripped Circuit Breaker	Rear panel
		Faulty switch Faulty neon	Front panel Front panel
Degauss lamp	Fails to illuminate	Extensive use of degausser caused overheating. Allow unit to cool (not a fault.)	
		Faulty neon	Front panel
		Faulty solid state relay R1	Inside on right hand side
		Faulty thermal end of switch SW2	Inside on front of degaussing coil
Cooling fan	Fails to operate	Faulty thermal end switch SW3	Inside on front of degaussing coil
		Faulty Fan M1	Rear Panel



**NOTE:**  
Degausser Current Consumption

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The typical current consumption figures provided in this manual are when powered from a supply with minimal distortion. Any increase in current consumption due to a distorted waveform will have minimal effect on the degausser performance, however, excessive current consumption should be avoided for obvious reasons. In the event of unexplained high currents, please consult your supplier.

**TABLE 2**

**8.2 Current Monitor Test Points**

The following table contains typical current values to be measured at specific points in the equipment.

The values given are in amperes and may differ slightly from those actually measured due to component tolerance plus effects due to operating temperature.

<b>Model Voltage/ Frequency</b>		<b>Current monitor Test Points (refer to circuit diagram)</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
ZZ 009 145	240/220v 50Hz	7	n/a	68	30	37	0.09



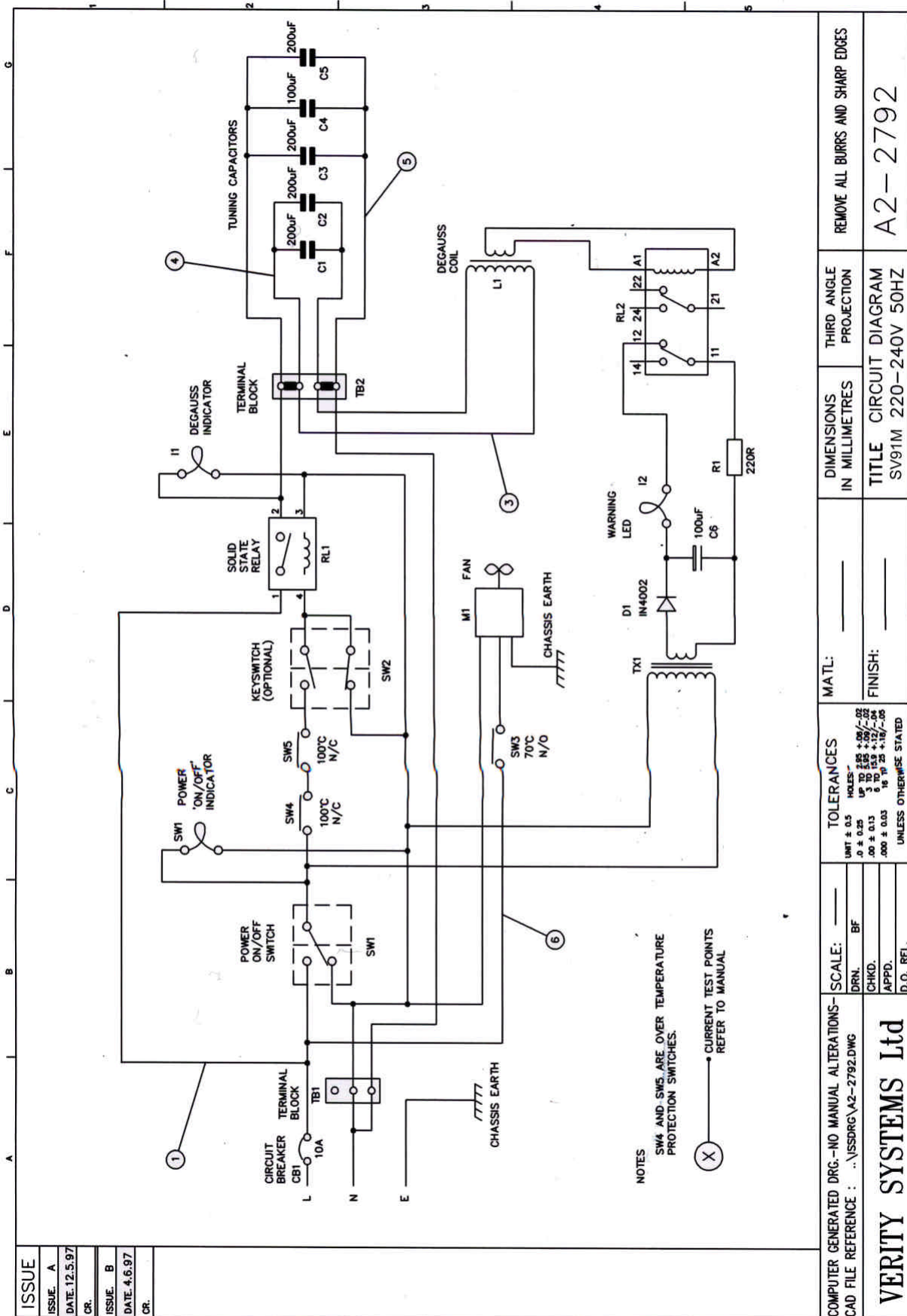
## SECTION 9: PARTS LIST

Designation	Part No.	Quantity	Description
	CA 100 005	1	Cable gland 16mm
TB2	CG 200 001	4	Terminal block
TB2	CG 200 002	1	End Cover
TB2	CG 200 003	1	Jump bar
TB1	CM 100 023	1	Terminal block
	FM 100 001	1	Guard 120mm plastic
	FM 100 033	1	Guard 120mm metal
M1	FM 100 027	1	Fan 120mm
	HS 100 101	4	Feet
	MP 002 505	1	SV91M Top
	MP 002 325	1	Filter (ZZ009145 only)
SW1 & IND 1	OI 100 031	2	Neon
RL1	RS 100 010	1	Relay
	SH 100 150	1	Relay cover
SW3	SP 100 002	1	Temperature sensor
SW1	SW 100 123	1	Red lens
IND1	SW 100 121	1	Yellow lens
SW2	SW 100 016	1	Thermal switch
CB1	SW 100 049	1	10A Circuit Breaker
SW4	SW 100 070	1	Security key switch
SW1	SW 100 125	1	Switch Body
SW1	SW 100 126	1	Switch Contact Block
IND1	SW 100 124	1	Indicator
IND1	SW 100 127	1	Dummy Socket
	XX 001 118	1	Fan Plate

### OPTIONS/ACCESSORIES

	MP 000 465	1	IBM Hub Adaptor
	MP 000 464	1	NAB Hub Adaptor
	MP 001 346	1	DIN pin Adaptor

# APPENDIX A: CIRCUIT DIAGRAM



## **STANDARD TERMS AND CONDITIONS OF SALE**

In these conditions "Verity Systems" is Verity Systems Limited, having its registered office at Verity House, 2, Eastern Road, Aldershot, Hampshire, GU12 4TD, UK. And the "Purchaser" is an individual or company with whom Verity Systems contracts.

All orders are accepted by Verity Systems subject to Conditions of Sale set out below

### **1. GENERAL**

These conditions shall prevail over any terms or conditions, which the Purchaser may seek or have sought to impose. Any conditions in the Purchaser's Order will be binding only so far as they are compatible with these Terms and Conditions and are expressly accepted by a Director of Verity Systems in writing.

### **2. ERRORS**

Clerical errors may be corrected by Verity Systems at any time.

### **3. PRICES**

The prices quoted are Ex Works and exclude Value Added Tax. Any published list price shall be subject to revision without notice according to Verity Systems prices ruling at the time of delivery.

### **4. SETTLEMENT TERMS**

Punctual payment is the essence of the Contract and the Purchaser will pay interest at the rate of 2% per month or part thereof of any overdue payments. Provided that the Purchaser has produced references which are in Verity Systems' opinion are satisfactory Settlement Terms will be net 30 days from delivery. In all other cases payment shall be in advance upon submission by Verity Systems of a pro forma invoice

### **5. DELIVERY**

All times quoted for delivery are from receipt from the purchaser of a written order to proceed. Unless otherwise agreed in writing any quoted delivery date shall only be an estimate thereof and shall not be essence of the Contract. Whilst all reasonable endeavours will be made to comply with estimated delivery dates Verity Systems does not accept any liability in respect of failure or delay in delivery. Where a Purchaser's Order calls for a number of items Verity Systems reserves the right to deliver all or any as soon as they are available at Verity Systems' premises and the Purchaser shall honour all statements presented in respect of such deliveries in accordance with the Settlement Terms. Notification to the Purchaser by Verity Systems that the goods are available for delivery to an independent carrier or to the Purchaser or his agent shall constitute delivery to the Purchaser. In all cases the carrier acts as Agent of the Purchaser.

### **6. EXPORT CONTROL**

If the goods or components thereof are licensed by the US Government for ultimate destination within the United Kingdom and any other EEC Country then the goods may not be re-exported without the approval of Verity Systems in writing.

### **7. INSPECTION AND ACCEPTANCE**

THE PURCHASER MUST INSPECT THE PRODUCTS as soon as is reasonably practicable after delivery and shall within 3 working days of delivery give notice to Verity Systems in detail of any defect in the Products or of any other complaint which the Purchaser may have in relation to the Products. Upon acceptance of the goods the Purchaser shall be deemed to acknowledge that the goods so accepted conform in all respects with the specification of the goods ordered. If the Purchaser desires to inspect the goods prior to delivery such inspection must be made at Verity Systems' premises and notification of this requirement must be given in writing at the time of placing the order. If upon inspection the goods are approved by or on behalf of the Purchaser such approval shall constitute acceptance of the goods. If no such inspection is made the Purchaser shall be deemed to have accepted the goods when they are delivered to him or his agent or carrier unless the Purchaser gives written notice to the contrary to Verity Systems within three working days of delivery. If the Purchaser fails to give such notice, the Products shall be conclusively presumed to be in all respects in accordance with the contract and free from any defect which would be apparent on reasonable examination and the Purchaser shall be deemed to have accepted the Products accordingly. The Purchaser acknowledges that Verity Systems does not write software comprised in Products sold by it and, accordingly, the Purchaser acknowledges that it is its sole responsibility to check (by the application of appropriate diagnostic software) for the presence of computer viruses in software comprised in Products before such Products are used or disposed of. In the event that the Purchaser establishes to Verity Systems' reasonable satisfaction that the Products are not in accordance with the contract or are so defective, the Purchaser's sole remedy in respect of such non-accordance or defects shall be limited as Verity Systems may elect to the replacement of the Products or refund of the purchase price or, where sums are owed by the Purchaser to Verity Systems, the issue of a credit note against the return of the Products.

THE PURCHASER MUST REFUSE PARCELS DELIVERED TO HIM IN A DAMAGED CONDITION.

In no circumstances shall Verity Systems be liable to compensate the Purchaser in damages or otherwise for non-delivery or late delivery of the Products or for any loss consequential or otherwise arising from non-delivery or late delivery.

### **8. CANCELLATION OF ORDER**

If at any time the Purchaser cancels an order for goods or services which Verity Systems specifies to be "non-standard", i.e. not detailed on the current price list, Verity Systems shall be entitled to claim as damages an amount equal to 75% of the value of the order. For standard goods or services damages would equate to 50% of the value of the order. These amounts the Purchaser agrees represents a genuine pre-estimate of Verity Systems' loss. Upon the cancellation of any order, Verity Systems shall have the right to realise at its discretion after 60 days all monies, securities or goods pledged with or held by it on behalf of the Purchaser and to apply the proceeds in or towards the satisfaction of such claim for damages and the Purchaser shall have no claim whatsoever against Verity Systems in connection therewith.

### **9. PASSING OF PROPERTY AND RISK**

The goods shall remain the sole and absolute property of Verity Systems as legal and equitable owner until such times as the Purchaser shall have paid to Verity Systems the agreed price. From delivery of the goods the Purchaser acknowledges that he is in possession of the goods solely as bailee for Verity Systems as shall as bailee insure and keep the same insured in the name of Verity Systems in their full reinstatement value in some reputable insurance office and indemnify Verity Systems for any uninsured loss thereof. For the purpose of recovering the goods Verity Systems may enter any premises where the goods are stored or where they are reasonably thought to be stored and may repossess the same. Until such time as the purchaser becomes the owner of the goods he will store them on his premises in a manner, which makes them readily identifiable as the goods of Verity Systems. The Purchaser is licensed by Verity Systems to agree to sell Verity Systems' goods subject to the express conditions that the entire proceeds thereof are held in trust for Verity Systems and are not mingled with other monies or paid into any overdrawn Bank Account and shall be at all times identifiable

as Verity Systems monies. The Purchaser is licensed to use the goods in the manufacture of other goods provided that if the goods being the property of Verity Systems are mixed with goods being the property of the Purchaser or are processed with or incorporated therein the product shall be deemed to be the sole and exclusive property of Verity Systems.

If the goods being the property of Verity Systems are mixed with goods being the property of any person other than the Purchaser or incorporated therein the product thereof shall become or shall be deemed to be owned in common with that other person in proportion to the value of the constituent parts therein. The Purchaser is licensed by Verity Systems to agree to sell on the said product subject to the express condition hereinbefore mentioned in relation to the proceeds of sale thereof.

#### 10. SPECIFICATION

All drawings, specifications and particulars of the goods submitted are approximate only. The descriptions and illustrations contained in catalogues, price lists and other advertising of Verity Systems are intended merely to present a general idea of the goods described therein and shall not form part of the Contract. Whilst every effort is made to ensure that the latest specification is available Verity Systems reserves the right to incorporate new features and to supply products which may not be strictly in accordance with the specification agreed upon, provided that any changes in specification shall not materially prejudice the performance of the goods.

#### 11. FORCE MAJEURE

Verity Systems shall not be liable for failure to perform or delay in performance of any contract or for the loss or damage to goods directly or indirectly caused by force majeure to include acts of God, fire, theft, riot, war, embargo, strike, shortage of labour, delays in delivery of material by suppliers, prohibition or export or import, confiscation or any other occurrence (whether or not of a similar nature to those specified) beyond the control of Verity Systems. No consequences of any such event shall give rise to the recession of the Contract unless in the opinion of Verity Systems the contract becomes incapable of performance.

#### 12. WARRANTY

- a) Verity Systems warrants that the goods will be of good quality and that Verity Systems has title to sell the same. Verity Systems' warranty of workmanship (if provided) shall be effective from the date on which the goods were accepted in accordance with Clause 8 and limited to 12 months from dispatch or such period as may be notified ("the warranty period"). During the warranty period Verity Systems will replace, free of charge, any part or parts of the goods which fail to function as a result of faults caused during their manufacture providing always that such faulty goods are returned carriage paid to Verity Systems' premises. The goods when repaired by Verity Systems will then be returned carriage paid to the Purchaser. Verity Systems shall not be liable under this warranty:
- i) where the defect results from the goods being subjected to abnormal usage or where the defect is due to the act, neglect or default of anyone other than Verity Systems
  - ii) for the replacement or repair of the goods or part or parts thereof where such replacement, or repair becomes impossible as a result of force majeure or any other circumstances beyond Verity Systems' control
  - iii) where the goods or any components or parts thereof are the subject of a separate guarantee given by a third party.
  - iv) where failure is caused by abuse or neglect.
- a) The Purchaser acknowledges that if he has not notified to Verity Systems any particular purpose for which the goods are required all express or implied warranties or conditions statutory or otherwise as to quality of or fitness for any particular purpose of the goods are hereby expressly excluded and Verity Systems shall not (except as set out above) be under any liability whatsoever in respect of defects in goods delivered or for any injury, damage or loss resulting from such defects from any cause whatsoever.

#### 13. LEGAL CONSTRUCTION

Except where otherwise stipulated in writing the relations, arrangements and agreements between the parties shall be governed by the laws of England and all disputes which may arise under out of or in connection with any contract between Verity Systems and the Purchaser shall be submitted to arbitration by the London Court of Arbitration in accordance with its Rules for the time being in force. Service of any notices in the course of such arbitration to the address of the Purchaser given in the Contract shall be valid and sufficient. All references in the Terms and Conditions to the masculine gender shall be deemed to include the feminine and neuter genders. Failure or neglect by Verity Systems to enforce at any time any of the provisions hereof shall not be construed a waiver of Verity Systems' rights nor in any way affect the validity of the whole or part of this contract nor prejudice Verity Systems' rights to take subsequent action. The headings of the Terms and Conditions are inserted for convenience or reference only and are not intended to be part of or to affect the meaning or interpretation of any of the terms and conditions of this Contract. In the event that any of these terms, conditions or provisions shall be determined invalid, unlawful or unenforceable it shall be severed from the remaining terms, conditions and provisions which shall continue to be valid to the fullest extent permitted by law.

#### 14. STERLING PROTECTION

Any quoted or listed sterling prices are subject to variation in the rate of exchange between sterling and the currency paid by Verity Systems for whole or major components between the date of the contract and the time of the submission of Verity Systems' invoice to the Purchaser. Verity Systems reserves the right to vary the price so that it accords with the said rate of exchange prevailing at the time of Verity Systems' invoice.

#### 15. DEFAULT

If the Purchaser shall default in the performance of any of its obligations under the Contract Verity Systems shall on giving the Purchaser notice in writing have the right without prejudice to any other rights or remedies to take all or any of the following actions:

- a) cancel all or any part of any discount which might otherwise have been due under the terms of the Contract;
- b) suspend any outstanding delivery of goods or parts thereof until such default shall have been made good;
- c) recover possession of that part of the goods to which the default relates and the Purchaser shall allow Verity Systems free access to his premises to enable Verity Systems to do so.

No waiver or delay in exercise by Verity Systems of its right under this clause shall be deemed to imply acceptance of the default or any subsequent default. If the Purchaser shall become bankrupt, go into liquidation, have a Receiving Order made against him, or carry on his business under a Receiver Verity Systems shall have the liberty without prejudice to any further remedies under the Contract to terminate the Contract forthwith by notice in writing to the Purchaser or Liquidator and recover possession of all equipment for which full payment of the contract price has not been received in c. above.

**Supplied by:**

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