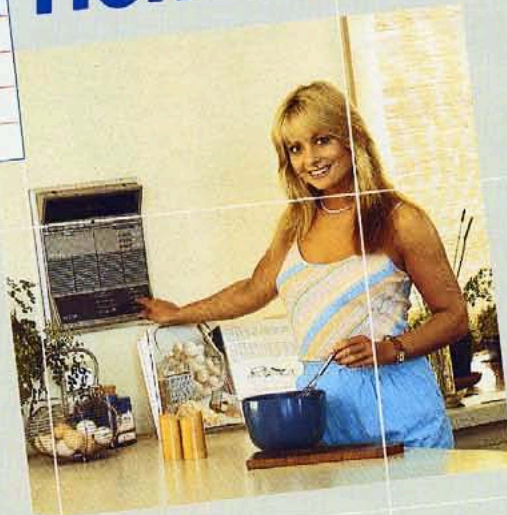


Valet Ducted Vacuum Systems



Valet Home Intercom Systems



Valet Burglar Alarm Systems



Tomorrow's Technology Today.

Valet. Leading the way in home technology.



HEAD OFFICE AND MANUFACTURING DIVISION. MULGRAVE, VICTORIA.



SHOWROOM WITH WORKING MODELS AND TRAINED CONSULTANTS.

AN AUSTRALIAN COMPANY.

The Valet Organisation specialises in the design and manufacture of advanced domestic products to make your home more comfortable, convenient and secure.

Our company first introduced ducted vacuum systems into Australia in 1970 and in more recent years, radio intercom and home security systems with many features not available in similar products elsewhere in the world.

CLIENT SERVICES.

Valet provides a complete service throughout Australia with professional advice on system design and layout to suit your home.

Our client service facilities, whether in system design, installation or after sales service and spare parts back-up, are second to none.

Our products are specifically designed for installation by the home handy-man, and are easily installed in both new and existing homes.

Valet's philosophy is to ensure that advice, installation and service maintain the highest possible standard. For these reasons, if you are building a new home, you should follow the practice of Australia's leading home builders and specify Valet by name.

RESEARCH AND DEVELOPMENT.

Valet believes in investing a significant proportion of its turnover in research and development in order to ensure that the products it manufactures are of the highest quality and in the forefront of world development.

Valet is one of the leading Australian companies with regard to research and development of micro-processor based digital systems with a philosophy of developing and marketing internationally competitive products.

WARRANTY.

Valet systems are warranted for a full 12 month period (24 months for vacuum systems). This warranty is a factory warranty and is limited to the repair and replacement by the manufacturer of any component part which is found to be defective.

The warranty does not cover any damage caused by misuse, neglect, accident, shipping damage or normal wear and tear.

Where an authorised dealer installs the system, they are responsible for providing a 90 day free in-the-field service.

For systems supplied as a "Do-It-Yourself" kit, the warranty is a factory warranty, and covers the cost of repair in the factory only. It does not cover the freight in returning any part to the factory.

Further details are available on the warranty registration card.



Ducted Vacuum Systems



The many advantages of ducted vacuuming.



VACUUM UP AND DOWN STAIRS EFFORTLESSLY.



STRONGER SUCTION WHERE YOU REALLY NEED IT.

The heart of your Valet vacuum system is a heavy duty power unit normally located in an out of the way position such as a garage, under the home or on an external wall. PVC ducting is run to outlets strategically located around your home. Each outlet incorporates a micro-switch that automatically activates the system by inserting the hose.

MORE SUCTION.

One of the limitations placed on conventional vacuum cleaners is the need for them to be light and portable. One of the advantages of ducted systems is that because the power units are

permanently mounted on a wall there is no restriction on the size and weight, and therefore larger and more powerful motors can be used. Our heavy duty industrial by-pass motors when compared to portable units, mean much longer operational life with no drop off in performance and more suction, the result... more thorough cleaning.

Our industrial by-pass units deliver from 1100 to 2800 watts compared with portable units which generally are only rated at 300 to 1000 watts.

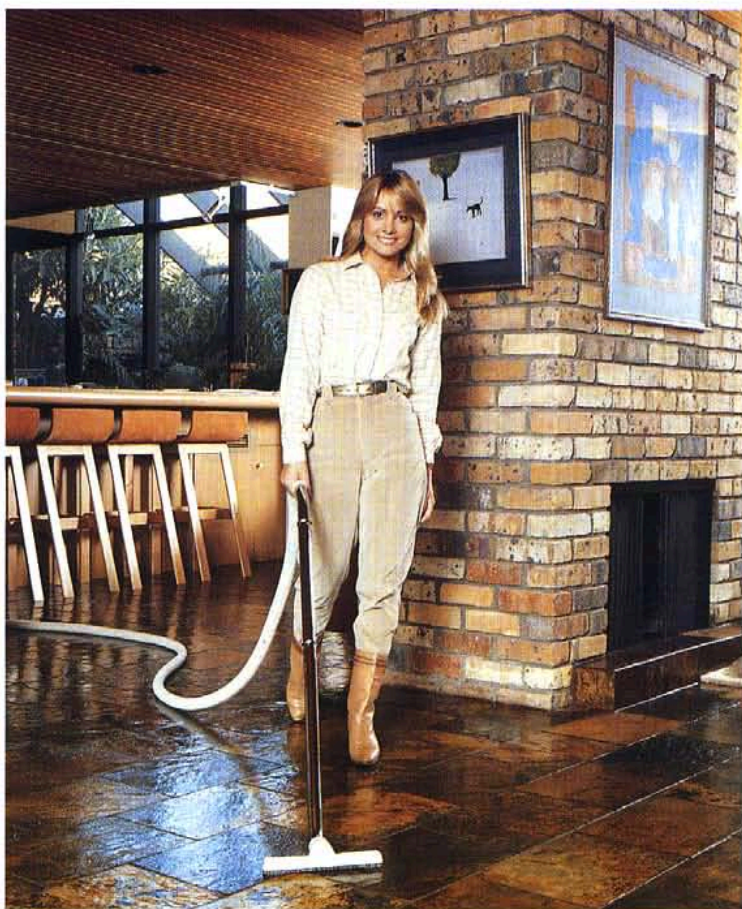
NO MORE DUST RECIRCULATION.

A portable vacuum cleaner sucks up dust but also blows air back out of the unit. This air carries tiny particles of dust too small to be trapped by the filter system, so in fact while you are vacuuming you are also recirculating fine dust around your room – thus you have to dust your furniture all over again.

With a ducted vacuum system this microscopic dust is taken out of the house to where the unit is located. So no more dust and pollen – a real advantage to asthma and hay fever sufferers.



LONG WAND AND DUSTING ATTACHMENT. IDEAL FOR DELICATE DRAPES.



VALET COPE WITH ALL SORTS OF SURFACES.

NO MORE LUGGING AND PULLING.

Just think about your everyday vacuum routine: lugging a heavy cleaner around the house, up and down the stairs, bumping the furniture, untangling power leads and vacuuming everything twice because the cleaner is not powerful enough. Valet sweeps away all these problems.

All you carry is the lightweight hose. With Valet's high suction and well-designed attachments vacuuming is more efficient and so much easier.

EMPTYING ONLY 3 OR 4 TIMES A YEAR.

Because Valet power units do not need to be light and portable they are all designed to provide a large dirt receptacle/filter bag and generally only require emptying three or four times a year in an average size home.

YOUR HOME'S RESALE VALUE.

The Valet system is a real asset — just like ducted heating or a new kitchen, it adds to the resale value of a house. So when you install a ducted vacuum system you are also making an investment.



PLENTY OF RANGE, PLENTY OF POWER.

Good reasons for choosing a Valet System.



CONVENIENT UNDER FLOOR INSTALLATION FOR EXISTING HOMES WITH TIMBER FLOORS.

SPECIFICATIONS

ELECTRICAL	MOTOR				
	Stand. 150	Large 200	Twin 300P	Twin 300S	Twin 400S
Airflow (M3/HR)	175	185	350	200	210
Sealed Vacuum (MM/H ₂ O)	2360	2500	2500	4800	5000
Amperage	4.6	5.8	9.2	9.2	11.6
Watts	1100	1400	2200	2200	2800
Horsepower - input	1.5	1.9	3.0	3.0	3.8
Voltage	240 Volts				
Cycles	50 Hz				
Fans	2 Stage				
Cooling System	BY PASS				
Control Circuit	24 Volt				

All power units are manufactured in Australia and refer to performances obtained on Australian 240 Volt, 50 Hz supply.

PHYSICAL	MODEL		
	VL	VB	VCS
Filtration System	Paper Bag plus secondary filter		Cyclone (Bag less)
Access to Empty	Open Lid	Detach Bin	Detach Bin
Dirt Capacity	20L	20L	25L
Height	800mm	750mm	1100mm
Diameter	400mm	300mm	300mm
Vertical Clearance required (including removal of bag/bin)	1200mm	1250mm	1500mm
Horizontal Clearance required	550mm	500mm	500mm
External mounting requirements	N/A	canopy	canopy

MOTOR SIZE.

Because homes vary so much in size and construction, Valet manufactures a range of power units to suit all requirements and applications. Motors range from 1.5 to 4.0 HP suitable for homes from 10 to 150 squares whether they are single, two or multi-storeyed.

Our engineers have had years of experience designing systems for every kind of home including special "in series" twin motor systems for homes with particularly long ducting runs.

All Valet systems are powered by heavy duty industrial by-pass motors delivering from 1100 to 2800 watts.

FILTER SYSTEMS.

There are three types of dust filter systems and while Valet manufactures all three, we generally recommend the disposable bag system for domestic application.

Paper Filter Bag.

The paper filter bag is the primary filter which is backed up by a secondary foam filter.

The advantages of paper filter bags are that they offer maximum performance and reliability, but most of all are convenient and inexpensive. Just take the bag out and throw it away... no messy clouds of dust.

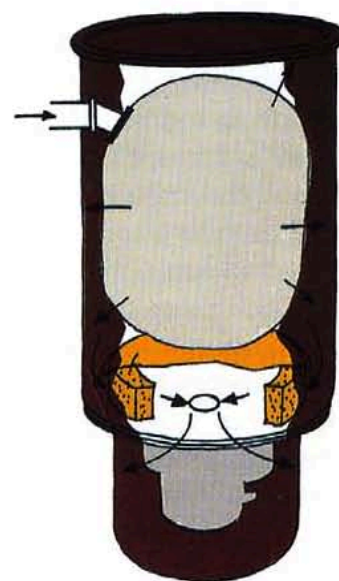
Suction is only reduced when the bag is almost totally full.

Paper is the best and finest filter and as such offers the best protection for the motor... change the bag and you've changed the filter.

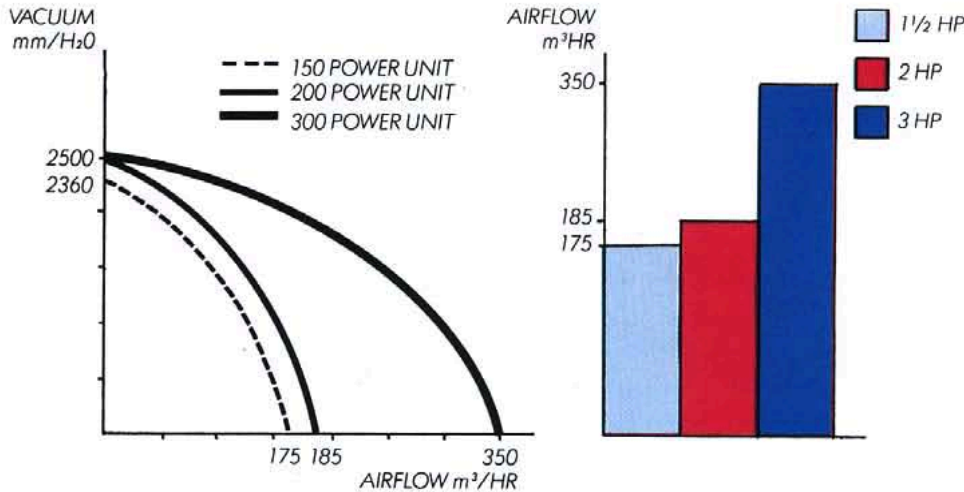
Cloth Filter Bag.

Whilst we generally recommend paper filter bags in some special circumstances cloth filter bags may be required.

These bags are available from your authorised Valet distributor.



AIRFLOW PERFORMANCE



CREVICE TOOL DEEP-CLEANS HARD TO REACH AREAS.

Bagless Systems.

Valet produces bagless systems for many commercial and industrial applications where the nature of the waste to be vacuumed is liable to damage both paper and cloth bags, i.e. sheet metal yards, panel beating shops, fibreglass factories, etc.

The following points should be considered prior to purchase:

1. Where fine waste is to be vacuumed a higher than normal percentage of waste will be exhausted from the system and as such we recommend ducting the exhaust externally.
2. Water filtration can be used to avoid motor burn out.
3. Overfilling should be carefully monitored so as to avoid blockages leading to reduced airflow, overheating and motor burn out.

4. Foam filters must be removed and washed regularly.
5. Regular inspection should be made by authorised Valet agents to ensure against early motor burn out.

CUSTOMER SERVICE

Being by far Australia's largest manufacturer and supplier of ducted vacuum systems, our customer service facilities whether in the design of your system, its installation or after sales/spare parts service are second to none.

Our industry experience, gained over the past 14 years, gives us a decided edge in looking after your important investment.

Our professional consultants, installation and service managers, installers and technicians will ensure your complete satisfaction.

OUTLETS.

Valet outlet points have been designed to be attractive and perfectly safe for children. The 24 V low voltage circuit to all outlets is controlled by a micro-switch which is totally inaccessible to prying fingers.

Unlike other systems there are no live terminals and in addition all outlets are made of non-conductive plastic.

PVC BENDS.

Valet manufactures its own range of long radius sweep bends and fittings which have been designed to provide maximum air flow and minimal friction losses.

The Valet System, tailored to your home



THE COMPREHENSIVE VALET KIT PROVIDES ALL THE MATERIALS, AND EASY TO FOLLOW INSTRUCTIONS FOR HANDYMAN INSTALLATION



UNDER FLOOR DUCT (HOUSE UNDER CONSTRUCTION)

SYSTEM DESIGN AND LAYOUT.

Our experienced Valet consultants will design a system for you incorporating the:

- ☐ Correct number of outlets
- ☐ Proposed method of ducting
- ☐ Appropriate power unit
- ☐ Optimum filtration system.

Your choice is whether to have the system installed by Valet or to 'do-it-yourself'

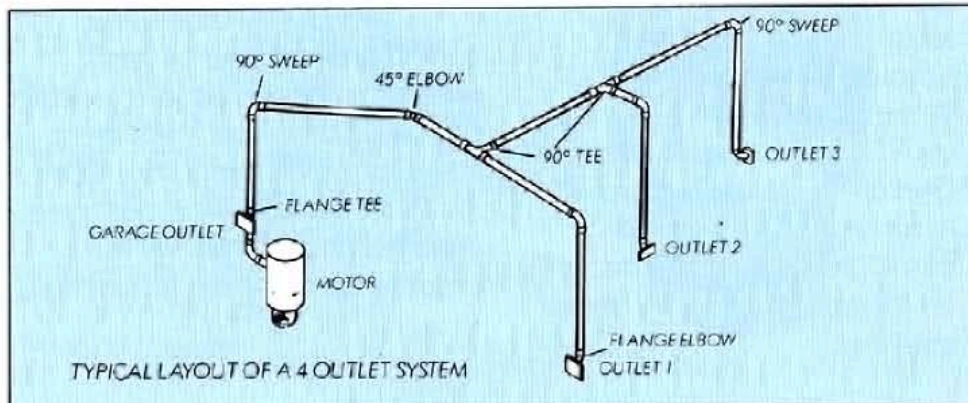
INSTALLATION BY VALET

A fully trained installation department using licensed tradesmen and radio-controlled vehicles is at your disposal and liaison with them is by way of the Installation Manager.

THE DO-IT-YOURSELF OPTION.

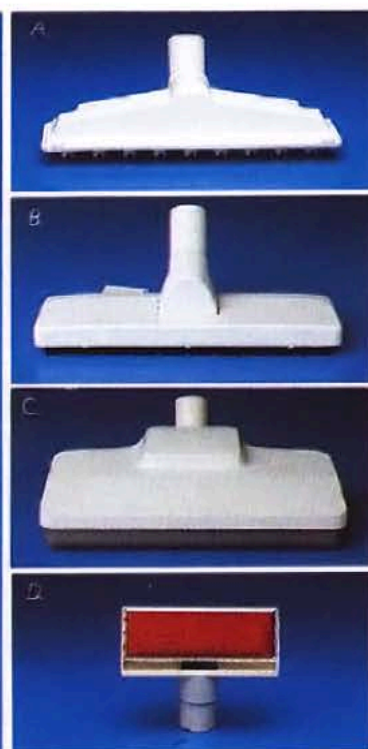
If you wish you can buy a Valet kit and carry out the installation yourself. Our kits have all the fittings, and easy-to-follow instructions. All you need is an electric drill, hacksaw, pliers, screwdriver and hammer – and a little handyman's skill.

We can help you design a system so the installation is as simple as possible as well as providing you with the correct layout and number of outlets.





STANDARD ATTACHMENTS SUPPLIED WITH ALL SYSTEMS.



OPTIONAL ATTACHMENTS

NEW OR EXISTING HOMES.

Valet systems can be installed into almost all homes – whether existing or under construction. Naturally if the house is under construction it is sometimes a little easier to install the ducting and therefore a little less expensive. Ducting is normally run beneath the floor or within the roof and can often in an existing home be run through the roof and then dropped down cupboards, linen presses, pantries, etc.

THE ATTACHMENTS.

Valet attachments are high quality. The wands are chromium-plated steel and the nozzles are strong and well finished. Hoses are light, flexible, durable and are available in 8m and 9m lengths. Two extension wands and a set of five attachments are included as standard with all systems.

1. Carpet tool. 2. Hard floor.
3. Crevice tool. 4. Upholstery tool.
5. Dusting brush.

OPTIONS.

While the standard set of attachments is normally more than satisfactory for the majority of homes Valet provides a number of optional attachments, for special applications.

A. Shag rake.

A special attachment to protect shag pile and other high pile carpets.

B. Carpet/Floor Nozzle.

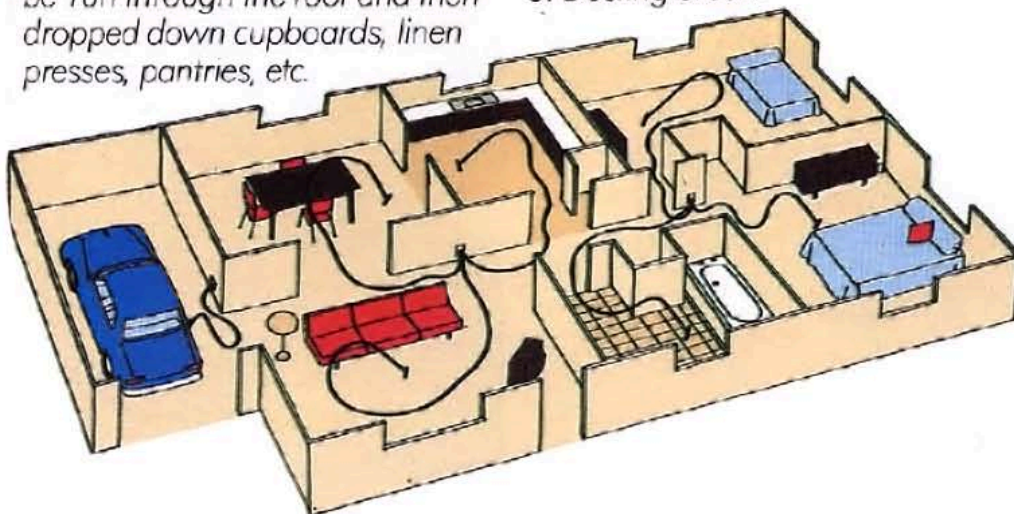
Combination attachment allows you to switch from carpet to hard floors with the flick of a lever.

C. Power brush.

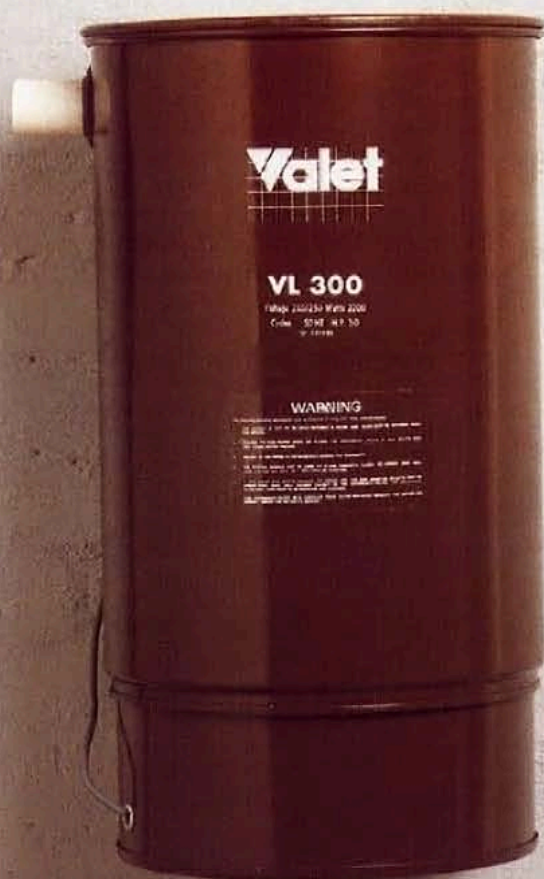
Adds brushing action to the suction power of your Valet system.

D. Dirt Magnet

A brush for soft, easy cleaning of drapes, upholstery, fabrics. Picks up pet hair, lint and threads.



The Valet range of Ducted Cleaning Systems.



VL 150 AND VL 300



VCS 200



VB 150 WITH CANOPY



VB 400



Valet Manufacturing Pty. Ltd.,
750 Springvale Rd., Mulgrave,
Victoria 3170, Australia.
Telephone (03) 561 3722. Telex AA 36870.
Offices in Sydney, Brisbane, Adelaide, Perth,
Hobart and major regional centres.

Available from

Valet reserves the right to change the
design and specifications of their products
at any time, and without prior notice.

Home Intercom Systems



The many exciting features of Valet Intercoms.



COMMUNICATION THROUGHOUT YOUR HOME FROM YOUR BEDROOM.



ANSWER AND IDENTIFY VISITORS WITHOUT GOING TO THE FRONT DOOR.

The Valet Home Communication system is much more than an intercom – it is a very significant advance in home efficiency. It will save each member of the household enormous amounts of time and energy every day.

You have immediate contact with other areas of the house at the touch of a finger.

The Valet Home Communication system is also a family entertainment centre, providing controlled music levels throughout your home.

Valet systems are tailored by our consultants, working with you, to achieve exactly what you want from a home intercom system.

1. AM/FM RADIO.

The radio tuner is of the highest standard and is similar in quality to a tuner incorporated in a high quality stereo system. It is digitally synthesised and incorporates Quartz Crystal locking which ensures absolute and exact tuning so that drift or movement off the station is impossible.

Push button radio selection is provided for eight AM and eight FM stations which can be played at all or selected room stations.

2. MONITOR THE CHILDREN.

Children sleeping or playing in their bedroom can be monitored (listened to) from any or all rooms of the house. You can listen to their bedroom while in your own bedroom or listen to them playing in the family room while you are in the bathroom.

3. SECURITY/FRONT DOOR ANSWERING.

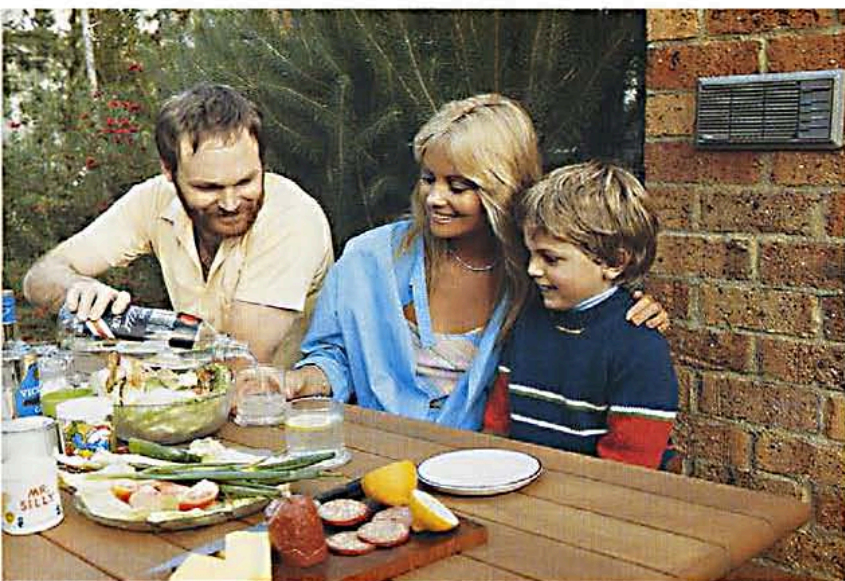
A front door station with illuminated push button for the door chime is incorporated in the systems. The front door can be answered from the master station and all room stations.

An optional electric latch/lock can be supplied which will allow the door to be unlocked from the master and deluxe room stations.

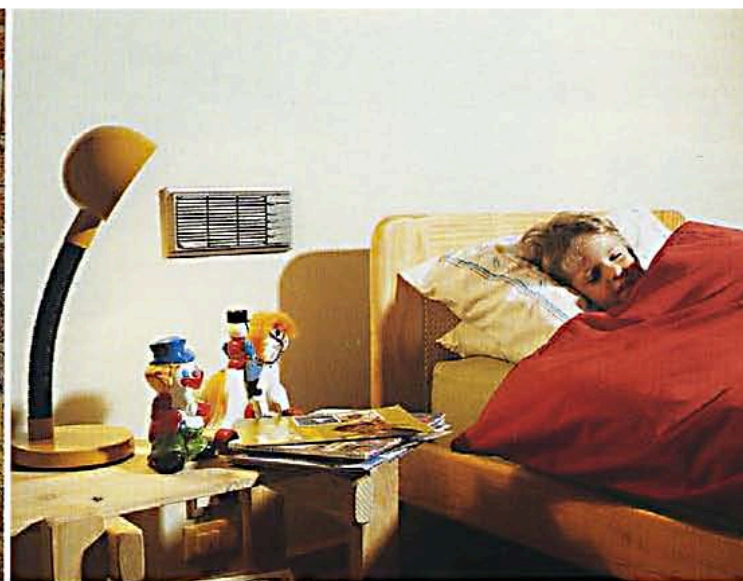
Caution – electric latches/locks offer convenience but not necessarily security as locks can be opened by children simply pushing a button.

4. DIGITAL CLOCK.

The master stations include a digital fluorescent clock. The clock is integrated with the radio and has two alarm settings as well as a sleep function the clock can be pre-programmed to automatically turn on the radio each day at pre-selected times and to pre-selected AM/FM stations.



CONTACT IN OUT-OF-THE-WAY SPOTS.



SO SENSITIVE YOU CAN MONITOR A CHILD ASLEEP.

5. INTERCOM.

The Intercom functions vary from model to model but all systems provide for communication between the master station and the rooms, and from the rooms to the master. Calls from the master can be made to all rooms at once (paging facility) or alternatively to selected rooms (i.e. a private call).

The '1200', '2000' and '4000' series also allow for room to room communication whereby a call from a room station is heard at all other stations that are turned on.

6. PROGRAMMABILITY.

The master control allows you to program the system so that different rooms have different functions. From the Master Station you can program the system so that some rooms can be set to hear both Music and Intercom while other rooms are Monitored.

Alternatively, at the same time selected rooms can also be turned off or programmed to 'Intercom Only' so as not to be disturbed by the Music.

7. PIPED MUSIC.

Incorporated in the system is an Audio (din) socket that is installed next to your stereo unit which when connected by way of a five pin plug, allows music to be piped to all or selected rooms.

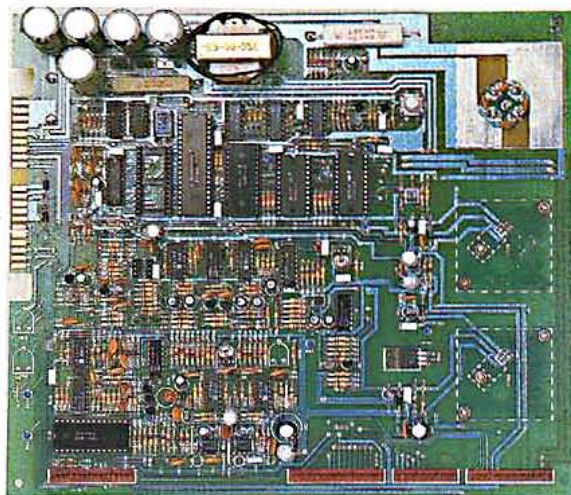
Instead of turning the volume up high in one room in order to hear music throughout the home, pleasant background music can be played throughout the home and also to a terrace or patio outside.

Valet does not supply the 'DIN leads' for connection to your amplifier.

8. ELECTRONIC DOOR CHIME.

All the systems incorporate electronic door chimes which play through all selected room stations – and the systems even allow a different chime for the front and back doors.

An electronic chime enables you to hear the chime even when the radio is on, or you are under the shower or in the laundry with the washing machine or dryer operating.



MICROPROCESSOR CONTROL PC B.

The Valet range – Models to choose from



ANSWER FRONT DOOR FROM ANYWHERE.



HANDS FREE REPLY MAKES ANSWERING EASIER.

There are three distinct models in the Valet range of Home Intercom Systems.

All systems include –

- ☐ AM/FM Radio (push button, digitally synthesised)
- ☐ Front Door Answering
- ☐ Monitoring
- ☐ Room to Room Communication
- ☐ Piped Music
- ☐ Digital Clock
- ☐ Electronic Door Chime

The systems differ significantly however in electronics, functions and audio performance.

A) VM 1200.

The standard VM 1200 system has been designed to provide a full range of Intercom functions together with AM/FM Radio, 'Piped Music', Monitoring, and Front Door Answering, etc., at an economical price.

B) VM 2000.

The new range of VM 2000 units has been designed to meet the needs of those who require a high level of audio performance as well as greater ease of operation.

The VM 2000 is a digital system which incorporates a micro-processor in the Master Unit and utilises a pulse-coded data transmission system.

The VM 2000 system offers –

- ☐ Hands Free Reply to all calls
- ☐ Automatic Reset
- ☐ High Quality Audio

The digital system eliminates the 'clicks and crackles' associated with the standard 'switch and relay' based units. In order to provide the highest level of audio quality, the electronics of the VM 2000 system also incorporate at each station a separate amplifier as well as an electret microphone. The system includes 10 Watt Speakers.

The VM 2000 system also includes a Mini Master with the following features –

- ☐ Private Call
- ☐ Monitor Override
- ☐ 10 Watt Amplifier
- ☐ 20 Watt Speaker
- ☐ LED Alarm Clock

C) VM 4000.

The VM 4000 system incorporates all of the features and functions of the VM 2000 system as well as the following features–

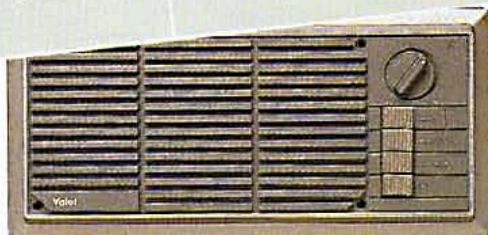
- ☐ Stereo
- ☐ Telephone – Loud speaking/ Hands free

RESEARCH AND DEVELOPMENT.

Several years ago Valet took the decision to begin research on the development of a Home Intercom System of the highest quality that would not only meet the needs of the Australian market but which would in features and performance be technically superior to all competitive products on the world market.

The VM 2000 and VM 4000 range of Intercom Systems are the culmination of this work and the result of significant investment on Research and Development as well as absolute dedication to the goal of quality.

'VM 1200 Standard System'



STANDARD ROOM STATION



STANDARD ROOM STATION



STANDARD ROOM STATION



STANDARD ROOM STATION



STANDARD ROOM STATION



STANDARD ROOM STATION



FRONT DOOR STATION



MASTER STATION

FEATURES:

- ☐ AM/FM RADIO
- ☐ PIPED MUSIC
- ☐ INTERCOM
 - ☐ - Master to Room Stations
 - ☐ - Room Stations to all other Stations
- ☐ MONITORING

KIT COMPRISES.

ONE MASTER STATION
SIX STANDARD ROOM STATIONS
ONE FRONT DOOR STATION
ONE AUDIO SOCKET
ONE POWER SUPPLY

Note: Kit does not include the required 'Valet' shielded cables.

Option: Extra Standard Room Stations can be added.

Colour: Available in Teal Bronze (beige).

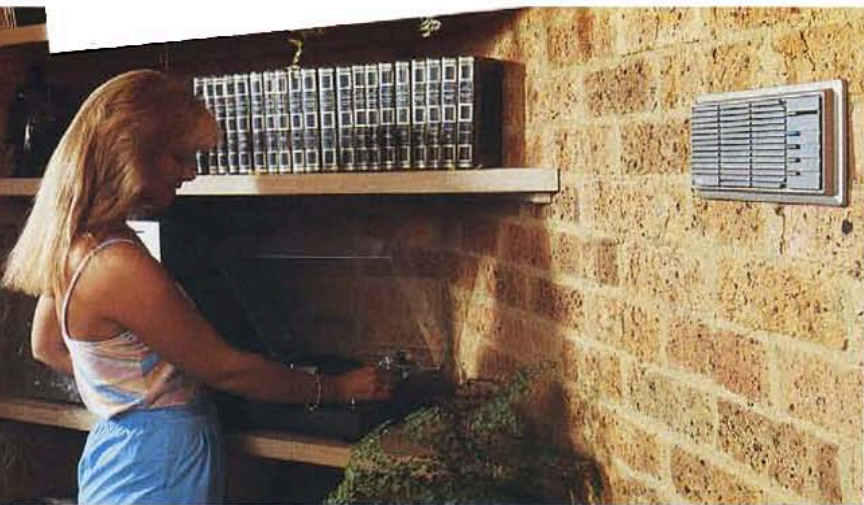


DIN AUDIO SOCKET

DIMENSIONS

MASTER STATION	
Actual Size	380 x 316 mm
Cut-out Size	330 x 270 mm
ROOM STATION/FRONT DOOR	
Actual Size	130 x 265 mm
Cut-out Size	95 x 201 mm
All measurements are height x width	

Exclusive features of the VM 2000/VM 4000 Digital Intercoms



ENJOY PLAYING YOUR EXISTING STEREO THROUGH THE VALET SYSTEM.



MINI MASTER STATION

1. HANDS FREE REPLY.

The digital range of Intercoms are designed to allow a person within a home to reply or answer a 'call' without needing to either be 'close' to a station or 'push any buttons'.

This hands free reply facility means that you can reply without having to 'stop what you are doing' and is extremely useful in the following situations—

- ☐ when under the shower,
- ☐ preparing meals,
- ☐ watching television, or
- ☐ even reading a book.

The hands free reply facility is extremely helpful with young children who can reply from any part of a room without having to operate the system.

While other systems have a 'hands free' monitoring facility, only Valet digital systems have a 'hands free reply' to a call.

2. MINI MASTER.

The digital range includes Mini Master stations from which a private call can be made to any selected room. The advantage of a private call facility from your bedroom for instance is that you

can call a child in one room without disturbing other members of the family.

Mini Masters also include a private digital alarm clock.

3. MONITOR OVERRIDE.

The Valet Mini Master enables you to speak to a child being monitored without disturbing any other members of the household.

While many Intercom systems allow you to monitor a child's bedroom, all earlier designs do not allow you to 'speak' to a room being monitored.

The Valet Mini Master incorporates a monitor override that enables you to talk to a child being monitored and the child can reply 'hands free' without needing to operate the system.

4. AUTOMATIC RESET.

The VM 2000 and the VM 4000 systems incorporate automatic reset circuitry such that you do not have to remember to reset any switches after an intercom call. The system is designed that you cannot inadvertently leave the system connected after either 'answering

the front door' or completing an intercom call.

Earlier systems suffer from the problem that 'buttons' can be left 'pushed in' and the system remain 'open'. These older manual 'switch' systems can be annoying especially where young children are present.

5. LED INDICATION.

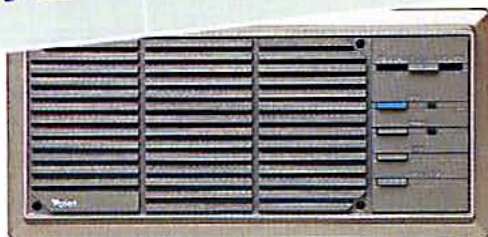
All VM 2000 and VM 4000 stations incorporate Green and Red LEDs that indicate the status of the system. For instance, a green LED will show in a room being monitored while a red LED will show in a room where the privacy function has been engaged.

6. PRIVACY.

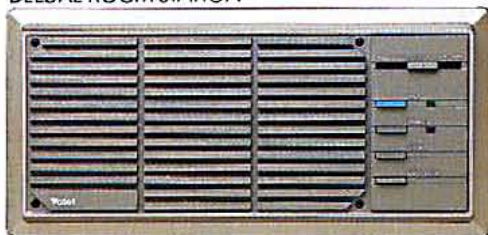
All VM 2000/VM 4000 stations incorporate a privacy function which can be used to prevent you being 'monitored' or 'listened to'.

By pushing a button and engaging the privacy circuit you prevent anyone else listening to your room but still retain the ability to hear intercom calls as well as the radio and music, etc.

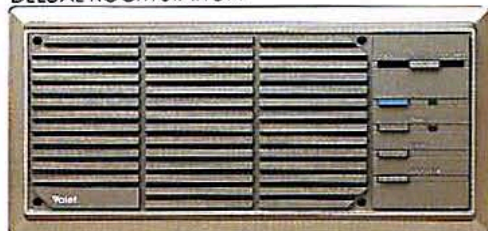
VM 2000 Deluxe System



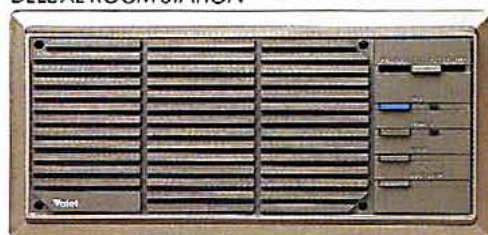
DELUXE ROOM STATION



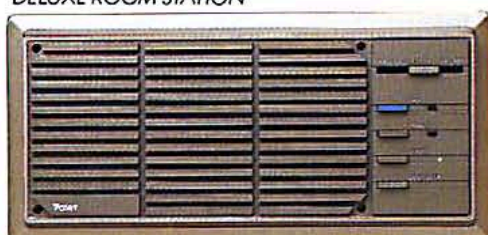
DELUXE ROOM STATION



DELUXE ROOM STATION



DELUXE ROOM STATION



DELUXE ROOM STATION



FRONT DOOR STATION

FEATURES:

- ☐ AM/FM RADIO ☐ PIPED MUSIC ☐ INTERCOM – Master and Mini Master Stations to all or selected Room Stations, Deluxe Room Stations to all other stations (paging) ☐ MONITOR OVERRIDE – from Master and Mini Master Stations ☐ MONITORING ☐ FRONT DOOR ANSWERING – From All Stations ☐ ELECTRONIC DOOR CHIME ☐ DIGITAL CLOCK – Master and Mini Master Stations ☐ PROGRAMMABILITY – Intercom/Music – Intercom Only – Monitor – Off.



MASTER STATION



MINI MASTER STATION

KIT COMPRISES.

- ONE MASTER STATION
- ONE MINI MASTER STATION (no telephone facility)
- FIVE DELUXE ROOM STATIONS
- ONE FRONT DOOR STATION
- ONE AUDIO SOCKET
- ONE POWER SUPPLY



DIN AUDIO SOCKET

Note: The kit does not include the required 8 wire Valet shielded cable, and figure 8 cable flex.

Option: Cassette Tape Deck optional extra. Also additional Deluxe Room Stations and another Door/Gate Station can be added.

Colour: Available in Teal Bronze (beige).

DIMENSIONS	
MASTER STATION	
Actual Size	380 x 316 mm
Cut-out Size	330 x 270 mm
ROOM STATION/FRONT DOOR	
Actual Size	130 x 265 mm
Cut-out Size	95 x 201 mm
MINI MASTER	
Actual Size	215 x 400 mm
Cut-out Size	170 x 340 mm
All measurements are height x width	

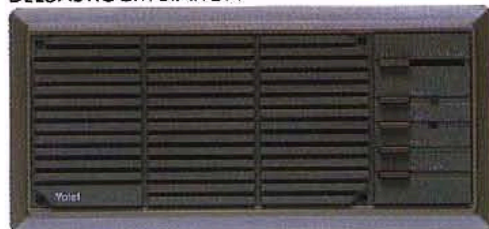
VM4000 – The ultimate System.



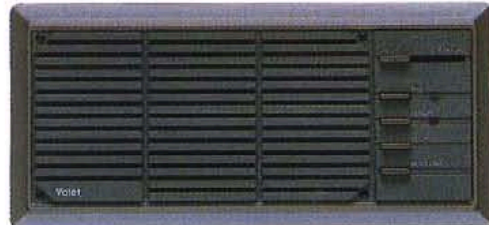
MASTER STATION



DELUXE ROOM STATION



DELUXE ROOM STATION



DELUXE ROOM STATION

The new Valet VM4000 is one of the most technically advanced units of its kind in the world, with many exclusive features that will revolutionise the way you use your home.

Entirely Australian designed, the VM4000 features fully integrated telephone, AM/FM radio, piped stereo music and intercom functions.

A. TELEPHONE.

1. Loud Speaking Hands Free.

The '4000' series master as well as the mini master (T) room stations can also act as loudspeaking hands free telephones. You can both dial and answer the telephone and carry out a conversation without needing to use a hand set – very useful while preparing food in the kitchen, sitting in bed, or writing in the study.

2. Handsets.

Should a private conversation be necessary a hand set is provided with each telephone station.

3. Transferability of calls.

A person answering a call can put the call on hold, use the intercom to call another room and the telephone call can be answered at another telephone station.

4. Last Number Redial.

The system has a push button key pad and incorporates a last number redial.

B. STEREO.

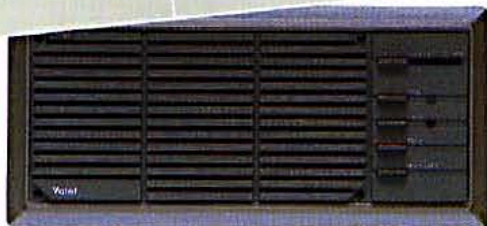
While all three models allow music to be played throughout all rooms, the '4000' series allows for stereo sound in rooms with a mini master station and stereo speaker.

C. 20 WATT SPEAKERS.

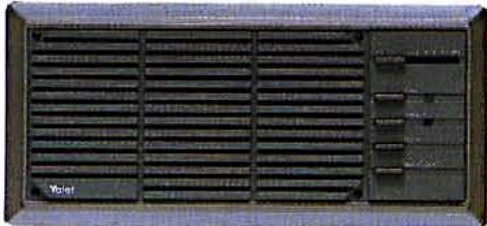
The mini master and stereo speakers incorporate 130mm dual cone high quality 20 watt (max.) speakers.

*Note. The VM 4000 has not yet been released.

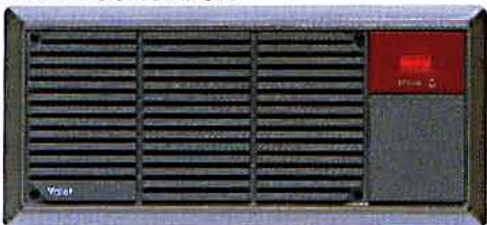
Exclusive features of the Valet VM4000 System.



DELUXE ROOM STATION



DELUXE ROOM STATION



FRONT DOOR STATION



MINI MASTER TELEPHONE STATION



STEREO SPEAKER



DIN AUDIO SOCKET

Note: Cassette Tape Deck available as an optional extra.

Also extra Mini Master Stations, Deluxe Stations or Stereo Speakers can either be added to the standard package or substituted for Deluxe Stations.

An additional Door/Gate Station can also be added.

Colours: Intercom Available in Teal Bronze (beige)

KIT COMPRISES.

ONE MASTER STATION (with handset)

ONE MINI MASTER (T) STATION (with handset)

ONE STEREO SPEAKER

FIVE DELUXE ROOM STATIONS

ONE FRONT DOOR STATION

ONE AUDIO SOCKET

ONE POWER SUPPLY

Note:

'The kit does not include the required 8 wire Valet shielded cable and Figure 8 Flex for the Mini Master and Stereo Speaker.'

DIMENSIONS	
MASTER STATION	
Actual Size	380 x 316 mm
Cut-out Size	330 x 270 mm
ROOM STATION/FRONT DOOR	
Actual Size	130 x 265 mm
Cut-out Size	95 x 201 mm
MINI MASTER AND/OR STEREO SPEAKER	
Actual Size	215 x 400 mm
Cut-out Size	160 x 340 mm
All measurements are height x width	

Good reasons for choosing a Valet System.

TECHNICAL SPECIFICATION

RADIO

- AM Range 522 kHz - 1611 kHz
- FM Range 87.5 MHz - 108 MHz
- Digitally Synthesised Quartz Crystal Locked Tuner

- 16 Station Memory

CLOCK

- 24 hour
- Dual Alarm Setting
- Both 24 hour and permanent memory

SPEAKERS

Standard Room Station Speakers

- 150mm x 100mm Oval Air Suspension, 16 Ohm, 5 Watt, 3 ounce magnet

Deluxe Room Station Speakers

- 102mm Round Air Suspension, 16 Ohm, 10 Watt, 3 ounce magnet

Mini Master Stereo Speaker

- 130mm Round Air Suspension Dual Cone, 16 Ohm, 20 Watt, 5.3 ounce magnet

- Input - 240V A.C.
- Output - 15V A.C.
- System Voltage - 16-22V D.C.
- Current: VM 1200 2.5 AMP
VM 2000 4 AMP
VM 4000 6 AMP

Valet reserves the right to change the design and specifications of their products at any time, and without prior notice.

NOTE RE: INPUT JACK.

While the standard input jack is compatible with the majority of stereo-hi-fi systems, there are a number of systems/amplifiers that are incompatible with Valet intercom systems. Valet can make no assurances, and will not accept any responsibility whatsoever with respect to compatibility via the input jacks of Valet intercom systems with stereo/hi-fi/amplifier systems. The input jack supplied by Valet meets the following specifications.

Type: 5 pin, 180°.

Function: Input only.

Input level: 700 milli-Volts to 5 Volts R.M.S.

Input impedance: 10K ohms.

FEATURES.

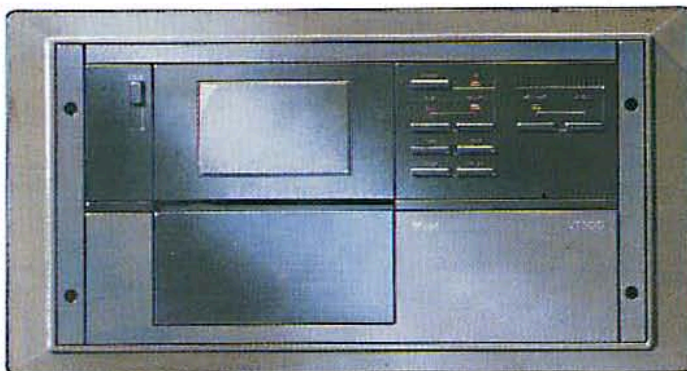
	VM 1200	VM2000	VM4000
AM/FM RADIO	★	★	★
FRONT DOOR ANSWERING			
- From All Stations	★	★	★
- From Master and Deluxe Room Station	★	★	★
MONITORING	★	★	★
- Including the Call Back Facility with Mini Master Station		★	★
INTERCOM	★	★	★
- Master to Room Stations	★	★	★
- Room Stations to All Other Stations	★	★	★
- Private Call from Mini Master Station		★	★
- Room Stations to Master	★	★	★
PIPED MUSIC	★	★	★
DIGITAL CLOCK - Master	★	★	★
- Mini Master		★	★
ELECTRONIC DOOR CHIME	★	★	★
PROGRAMMABILITY	★	★	★
- Intercom/Music	★	★	★
- Intercom Only	★	★	★
- Monitor	★	★	★
- Off	★	★	★
TELEPHONE			
- From Master and Mini Master Station			★
STEREO			★
- In rooms with Mini Master and Stereo Speaker			★

TAPE DECK - MESSAGE CENTRE.

(Option on all Systems)

The optional Valet tape deck is a high quality front loading solenoid-activated stereo unit. The tape deck offers both 'play' and 'record' functions and is also

designed as a message centre whereby, for example, prior to leaving the house you can record a message, etc., for another member of the family.

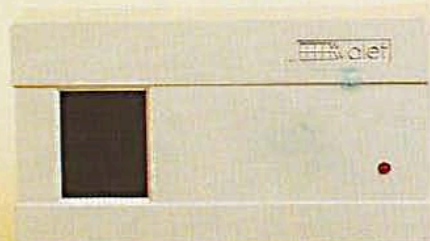


*Note. The cassette deck has not yet been released.

Burglar Alarm Systems



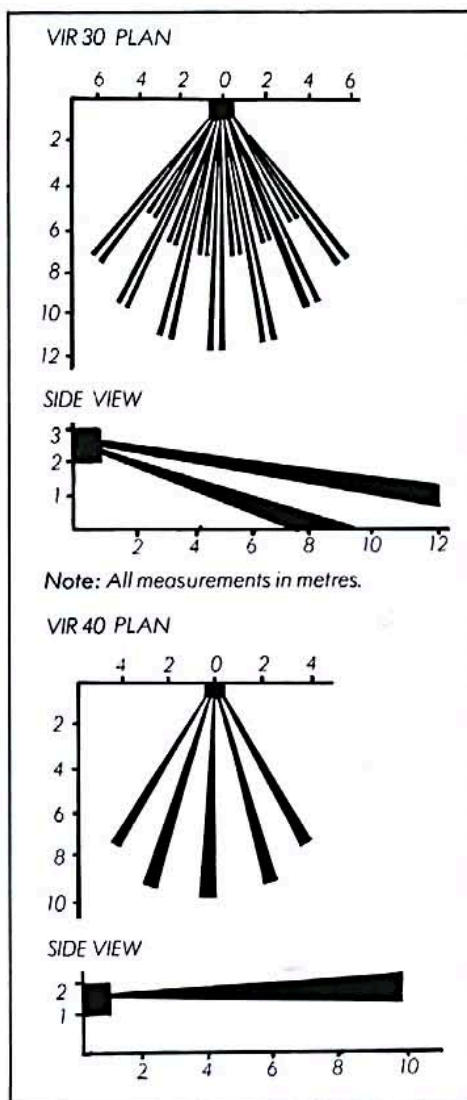
VA 5000 and VA 6000 Systems.



PIR DETECTOR



MASTER CONTROL UNIT



TYPICAL PASSIVE INFRA-RED SENSOR PATTERNS.

The VA 5000/VA 6000 range of Burglar Alarm Systems are of the very latest design offering a combination of features, ease of operation and aesthetic appeal that we believe make them ideal for the home environment.

There are two Valet Burglar Alarm Systems from which you can choose:

1. VA 5000 Hardwired System.
2. VA 6000 'Radio' (wireless) System.

FEATURES OF THE SYSTEMS INCLUDE:

(A) MICROPROCESSOR BASED.

The systems are based around an 8040 microprocessor that provides a maximum combination of functions, ease of operation and extremely high security.

(B) CODED KEYPAD.

In order to provide the maximum amount of security as well as easy and convenient

operation the Valet systems are operated by a 4 digit 'access code' rather than a key.

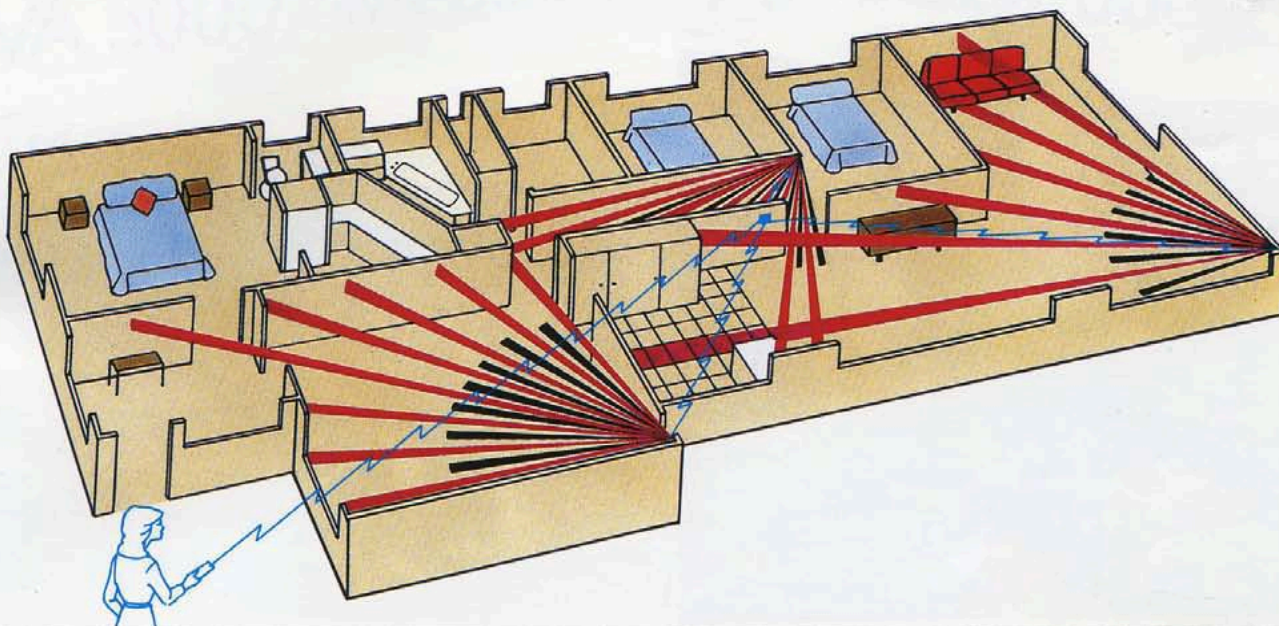
The master control unit incorporates a numerical keypad which is used to enter the code. To 'arm' or 'disarm' the system you simply enter your own 4 digit code.

No changes to the status of the system can be made without first entering this 'access code'.

(C) FLUORESCENT DISPLAY.

The fluorescent display normally shows the time of day, but is also used when programming the systems.

The fluorescent display is used to enter instructions into the unit, e.g., the programming of 'entry/exit' delay times; horn duration time; 'zoning' of detectors; and the entering of telephone numbers (for optional telephone dialler).



TELEPHONE MEMORY DISPLAY (SHOWN WITH OPTIONAL REMOTE CONTROL)

(D) ZONING.

The systems provide for the grouping of detectors in up to four separate zones so as to allow you maximum flexibility in determining which areas of the home you wish to be activated at any one time.

While you would normally have the whole home activated when the home is unoccupied, you may for instance, wish to have selected areas activated at night.

Each detector can be programmed into one or multiple zones and there is virtually no limit on the number of detectors that can be used.

(E) AUTOMATIC CONTROL.

The system can be operated by an automatic time control. The control panel can be programmed so as to automatically 'arm' and 'disarm' the system at pre-set times each day. This feature is especially useful where for instance the home is regularly unoccupied during the

day. It can also be programmed to 'arm' the system at a pre-set time, e.g., after the house-keeper has finished work, etc. Used in this manner no outsider need learn of your access code.

(F) ENTRY/EXIT DELAY.

The system can be programmed so as to enable an 'entry/exit' delay path thus allowing you to both leave and enter the home without activating the unit.

You can determine both the length of time you wish to allow yourself to enter and leave the home before the system causes an alarm as well as determining which detectors are covered by this 'delay'.

If an optional remote keypad is incorporated in the system it is often not necessary to have any 'entry/exit' delay in that the remote keypad can be located just inside the front door.

(G) HORN DURATION TIME.

The control unit can be programmed to set the length of time you wish the horn(s) to sound after an alarm.

Should you install a telephone dialler you may even wish to 'run silent', i.e., set the system so that in the event of an alarm the telephone dialler is initiated but the horns don't 'sound'.

(H) ALARM ANALYSIS.

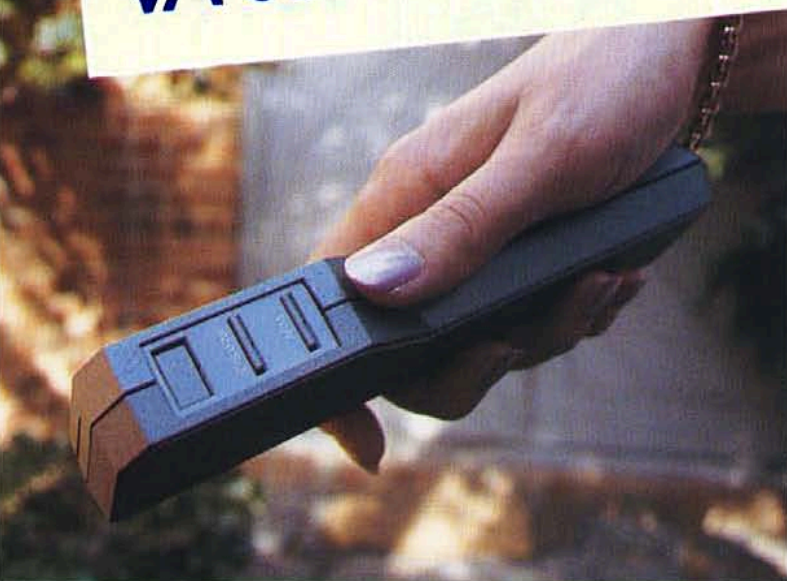
The microprocessor in the Valet systems is programmed to record and memorise details of any alarm activation.

Following an alarm activation you are able to 'recall' both the time that the alarm was activated as well the detector which has caused 'the alarm'.

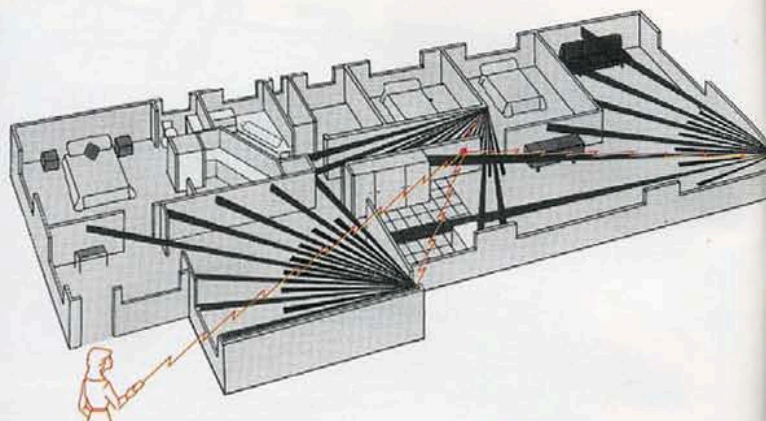


CONCEALED 'MEMORY FUNCTION' CONTROLS

VA 6000 'Radio' System.



HAND HELD REMOTE CONTROL



'RADIO SYSTEM'

The VA 6000 Master Control Panel incorporates all of the features of the VA 5000 Hardwire System. In addition it incorporates a digitally coded radio receiver that can be used for remote control operation as well as radio communication with the detectors.

The system can be supplied in three forms:

1. Radio Remote Control – Hardwired into detectors.
2. Keypad Control – Radio to detectors.
3. Radio Remote Control – Radio to detectors.

(A) REMOTE CONTROL.

The use of a VA 6000 Hand Held Remote Control Unit enables the system to be 'armed' and 'disarmed' from outside the home.

After leaving the home you simply push the 'arm' button on the remote control unit and a

'4 beep' tone is heard at the end of the 'exit delay' time.

On arriving home you simply push the 'disarm' button and a '1 beep' tone will be heard to indicate the unit has been turned off.

The remote control unit is normally carried in a handbag, briefcase, or loose in the car. It also incorporates a 'Panic' button which when pressed will activate the horns. The remote control 'Panic' function is useful for leaving beside the bed at night or when alone in either the house or garden.

(B) RADIO CONTROLLED DETECTORS.

The VA 6000 Master Control Unit incorporates provision for up to 16 remote 'radio' detectors.

The system allows detectors to be installed without the need for wiring or cabling and thus allows the systems to be installed in a

situation where the installation of wiring would be difficult or impossible.

Installation simply involves the fixing of detectors to the wall in selected locations.

The system incorporates digital coding of the 'radio' signals so that by pre-setting a series of switches you can set your own private code (and prevent operation of your system by a neighbour with a similar unit).

In addition each 'detector' has its own code that allows for zoning of the detectors as well as for identification on the master unit to determine which detector has caused an alarm.

The detectors are powered by batteries and the control unit will indicate on the 'fluorescent display' when a battery needs replacing in any particular detector.

VA 5000, VA 6000 Options.



TELEPHONE MEMORY DISPLAY



REMOTE KEYPAD

(A) TELEPHONE DIALLER.

Both the VA 5000 and VA 6000 systems incorporate provision to add a Valet Telephone Dialler.

The Telephone Dialler may be used to automatically 'call' up to three different telephone numbers upon the activation of an alarm. The telephone dialler 'calls' these three numbers in rotation.

The telephone numbers can if required be changed at any time so that the system can be programmed to 'call' the home of a friend you are visiting, etc.

The alarm signal incorporates a multi-digit DTMF code that enables the signal to be identified by compatible monitoring equipment.

(B) REMOTE KEYPAD.

A separate Remote Keypad is available for installation in a situation where you would prefer to be able to 'arm' and 'disarm' the system other than at the Master Control Panel.

Remote Keypads are normally installed adjacent to the front and back door as well as next to beds, etc.

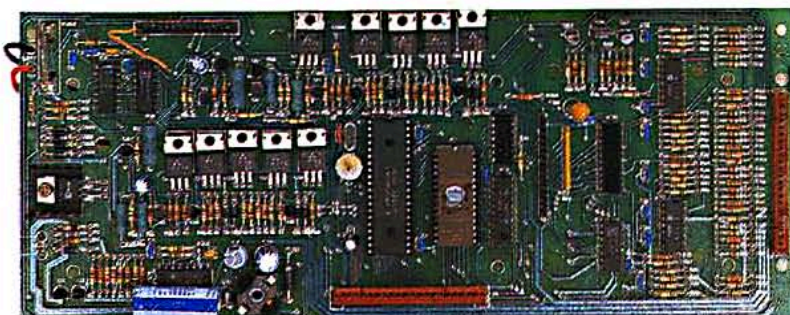
The Remote Keypad also incorporates a 'Panic' function for use in an emergency.

(C) STROBE LIGHTS.

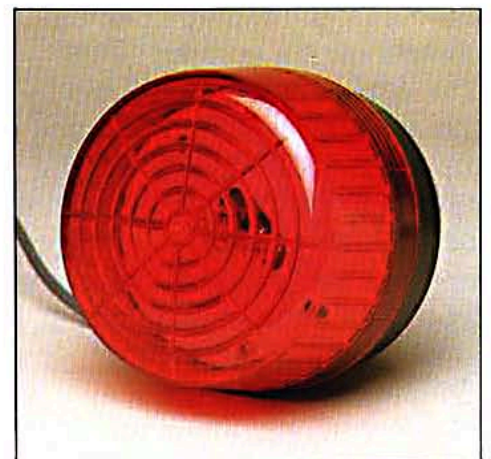
The system incorporates provision for a strobe light circuit that is activated when an alarm occurs.

At the time of an alarm, the strobe light(s) will begin flashing. Unlike the horns which will only sound for a pre-set time the strobes will remain flashing until you return home and 'disarm' the system.

External strobe lights are very useful in alerting you or your children to the fact that the alarm has sounded during your absence.

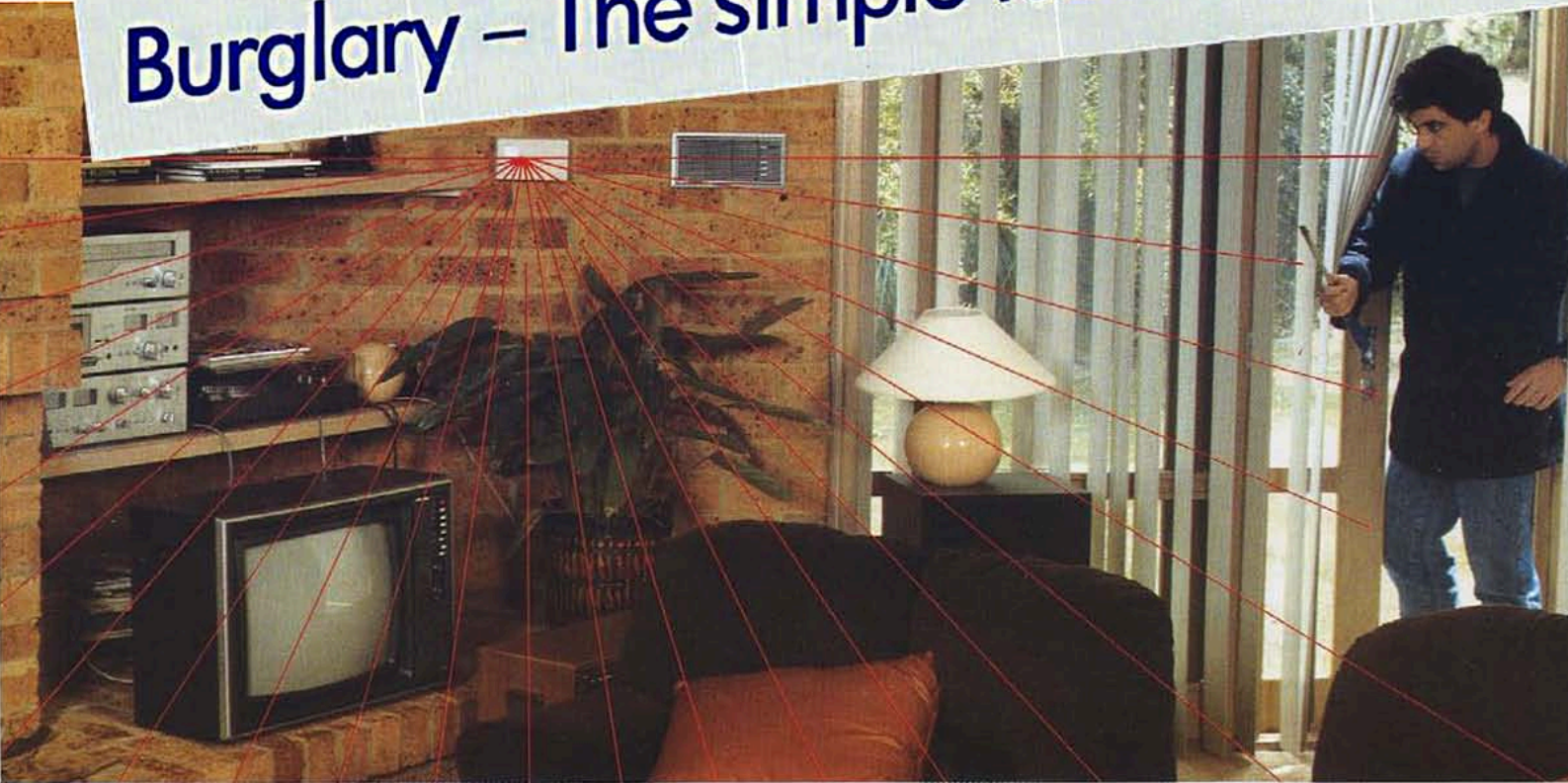


MICROPROCESSOR CONTROL PCB.



STROBE LIGHT

Burglary – The simple facts.



STATISTICS:

Australia's home burglary rate started to skyrocket in the late 1970s. Today one home in Melbourne and Sydney is robbed every six minutes. One home out of every twenty five within the Sydney metropolitan area will be burgled within the next twelve months. The number of home burglaries doubled in Melbourne in 1984, from 1983 figures. 78,000 homes were burgled in 1983, 156,000 in 1984.

Recent figures show that less than 20% of burglars are caught and charged.

70% of home break-ins occur between 10am and 4pm, when most people are at work.

While the theft of television sets, video cassette recorders and cash, etc., is normally covered by insurance, it is theft of irreplaceable 'personal items' such as heirlooms, jewellery, gifts, trophies and photographs, etc., that cause the most concern and despair.

The knowledge that an intruder has been inside your

home and invaded your privacy is normally extremely distressing.

In many cases, the damage done by thieves to homes is just as destructive as damage done by flood – furnishings slashed; walls defaced; ornaments, pictures and vases broken; food spoilt. And the cost involved is enormous.

The national cost of home burglaries in 1984 was approximately \$160,000,000. The figure paid out in insurance claims in 1979 was only \$41,000,000.

As a result of the rapid increase in the number of burglaries as well as the significant costs of associated vandalism, many insurance companies are now requiring the installation of burglar alarm systems or offer a reduction in premiums after the installation of these systems.

DETECTION:

(A) GENERAL.

There are many different types of detectors available. These include simple 'reed switches' or 'magnetic contacts' for windows and doors; 'pressure mats' for

under the carpet; and a wide range of 'space or area' detectors.

The 'space' detectors all basically transmit signals or beams over a wide area and check the movement of an intruder.

The most common types of space detectors usually operate on one of the following principles – Passive Infrared, Ultrasonic, or Microwave.

We at Valet strongly believe that the Passive Infrared principle offers in a normal home environment the best form of protection combined with the minimum risk of false alarms.

(B) PASSIVE INFRARED DETECTORS.

Passive Infrared Detectors (PIRs) are wall or ceiling-mounted units that send out an 'arc' or 'pattern' of beams that are designed to detect an intruder by identifying the presence of 'body heat'.

PIR Detectors are designed to detect a rapid change in energy level or temperature and are



VA 5000/VA 6000 CONTROL UNIT



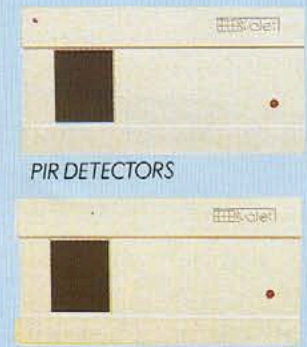
HORNS



POWER SUPPLY



HORN COVER



PIR DETECTORS

VA 5000 KIT

specifically designed to identify the presence of 'body heat'.

The Passive Infrared Sensor contains a segmented mirror, with each mirror providing a field of view or beam. A sensory element within the detector measures the level of infrared energy given off by all objects in the room. When an intruder enters the room, the sensing element sees the infrared energy emitted by his body in addition to the energy emitted by background objects within the room. This change of energy is used to initiate an alarm.

Provided PIRs are correctly positioned so as not to directly face 'changing heat sources' such as heating registers, air conditioners and ovens, etc., they are virtually immune to false alarms.

It is important that PIRs should be positioned so as not to face exposed windows and thus avoid the possibility of direct sunlight falling on the detector.

(C) VALET PIR DETECTORS.

The new range of Valet PIRs due for release in late 1985 incorporate the added feature of 'pulse count'.

The addition of digital pulse count circuitry within each PIR further reduces the possibility of false alarms by requiring that the detector must register that an intruder has passed through at least two beams prior to an alarm being activated. Pulse count thus reduces the possibility of false alarms as a result of a change in the infrared energy transmitted by a stationary object. As well as false alarms caused by spurious 'R.F.'

(D) OTHER DETECTORS.

While 'reed switches' (magnetic contacts) can be very effective in protecting the door or window they tend to be more prone to false alarms – imperfectly shut windows or the movement of a door can initiate an alarm.

In addition many burglars now tend to enter a home simply by removing a few tiles from the roof and in this regard make the use of reed switches on windows and doors ineffective.

While 'space detectors' overcome the problem of needing to provide overall coverage and protection, many space detectors such as the Ultrasonic and Microwave (radar) types suffer from being prone to false alarms. Circumstances that can cause a false alarm with these detectors are as follows:

- ☐ Air Movement (e.g., movement of drapes, indoor plants and doors, etc.)
- ☐ Loud Noises (including thunder and low flying airplanes)
- ☐ Fluorescent Lights
- ☐ Mice or Possums within walls or ceilings, etc.



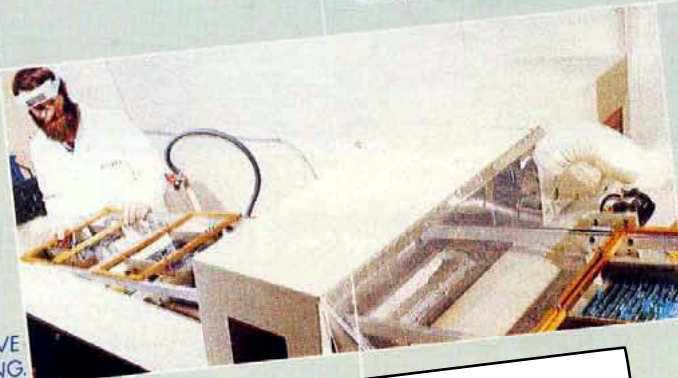
EXTENSIVE RESEARCH AND
DEVELOPMENT AND QUALITY
CONTROL TESTING.



RADIO CONTROLLED
INSTALLATION AND AFTER
SALES SERVICE.



AUTO WAVE
SOLDERING.



Obsolete addresses

Available from

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design and specifications of their products
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