



## AUTOMATIC GARAGE DOOR OPENER

# MPC-1 and MPC-HEAVY DUTY OWNER'S HANDBOOK

Congratulations on the purchase of your New Generation B&D Controll-A-Door. This is a sophisticated unit using the latest microprocessor technology. You will appreciate the many features and high quality built into the product.

### SOME HELPFUL HINTS

- \* Note how to disengage the unit in case there is a power failure and you need to use the door manually. It is quite easy. See page 3.
- \* If you have a problem with the unit, please check the 'LIGHTS FLASHING' (page 6) or the 'SYMPTOMS AND REMEDIES CHART' (page 7). You may be able to save yourself a service call.
- \* Don't turn off at the power point, except for servicing. If the power is off for more than approximately 3 weeks, the 'memory' will be lost. The door travel limits and your code will need to be reset. See page 4.

When going on holidays, it is recommended that the 'SHUTDOWN' button be used rather than turning off at the power point. See page 2.

- \* Do not allow water, or other liquids, to enter the motor, wall unit or hand transmitter.
- \* Ensure the centre-lift lock on your B&D Roll-A-Door is UNLOCKED before operating your Controll-A-Door.
- \* Please read this booklet and keep it in a safe place for future reference.



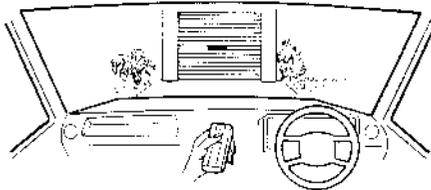
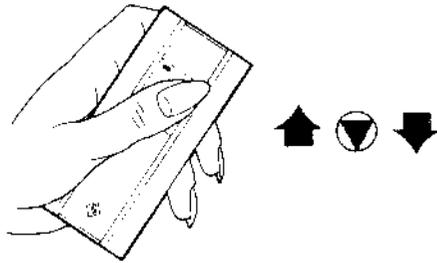
WE STRESS THAT YOUR B&D CONTROLL-A-DOOR IS NOT A CHILD'S PLAYTHING. BE AWARE OF WHO MAY USE THE UNIT AND ENSURE THAT IT IS OPERATED WITH CARE AND AS INSTRUCTED.

### DISTRIBUTORS

**New South Wales:** B&D Doors (NSW), 34-36 Mangold Street, Revesby 2212. Ph: (02) 771 5566 **Victoria:** B&D Doors (Vic.), Canterbury Road, Kilsyth 3137. Ph: (03) 728 1566 **Queensland:** B&D Doors (Qld), 37-47 Coball Street, Carole Park 4300. Ph: (07) 271 2500 **South Australia:** B&D Doors (SA), 333-351 South Road, Mile End South 5031. Ph: (08) 43 8021 **Western Australia:** Osborne Metal Industries Pty. Ltd., 225 Balcatta Road, Balcatta 6021. Ph: 344 3333 **Tasmania:** Tom Moore & Son, 85 Bass Highway, Copee 7320. Ph: (004) 31 4385 **Northern Territory:** Weir Doors, 4 Finniss Street, Darwin 5790. Ph: (089) 81 8217.

B&D Doors is a Division of Clyde Industries (Incorporated in NSW)

# HOW TO OPERATE



## HAND TRANSMITTER

Press the button for 1/2 second to OPEN or CLOSE the door.

**IMPORTANT:** The range for the hand transmitter to reverse or stop the door is always less than to start the door.

- \* Always have the door in view when operating.
- \* Aim through windscreen.
- \* Check that door is fully closed before driving away.

Pressing the hand transmitter, or UP.STOP.DOWN, while the door is moving down will send the door back up.

Pressing the hand transmitter or UP.STOP.DOWN while the door is going up will stop the door.

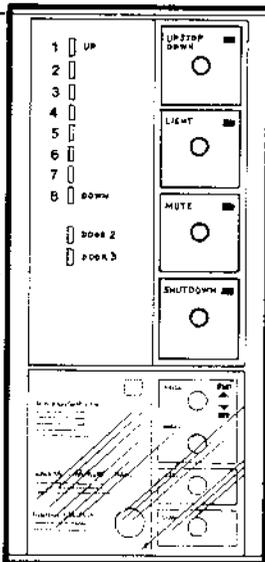
Next time the hand transmitter or UP.STOP.DOWN is pressed, the door will close.

## WALL CONTROL PANEL

Door position indicator and light display

For Flashing Lights, see page 6.

For Code Setting, see page 4.



Touch to OPEN or CLOSE door.



Touch to turn LIGHT ON (when Control-A-Door is not being operated). Touch again for OFF. Light automatically turns off after Control-A-Door operation.



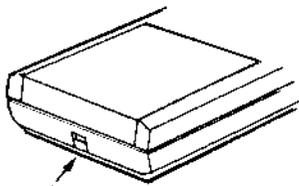
Touch to cancel beeps. Touch again to resume beeps. (For safety, the reversing warning beeps cannot be muted.)



Touch to prevent Control-A-Door being operated. Touch again to resume normal operation.

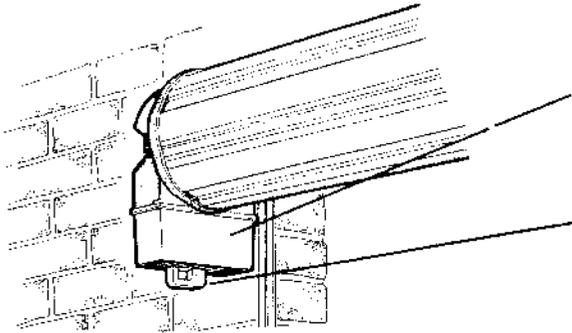
Lower Control Panel.

- \* To set limits of door travel. See page 4.
- \* To set radio code. See page 4.
- \* Overload Reset. See page 6.



Push in, then lever.

For access to Lower Control Panel use screwdriver as shown.



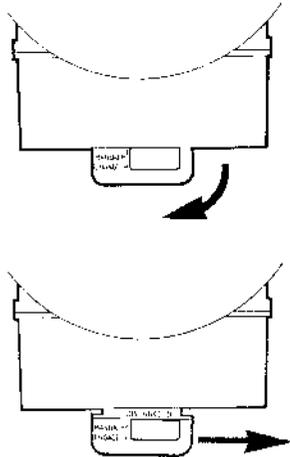
**DRIVE UNIT**

**LIGHT**

Turns on automatically for 3 minutes whenever Controll-A-Door is operated.

**DISENGAGEMENT HANDLE**

Your Controll-A-Door can simply be disengaged to allow manual operation of your Roll-A-Door.



**POWER FAILURE:  
HOW TO DISENGAGE YOUR  
CONTROLL-A-DOOR  
FOR MANUAL OPERATION**

To disengage: Pull handle down firmly, then across.

To re-engage: Move handle to the right.

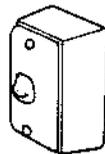
When power resumes, the UP STOP DOWN light and the No. 2 light on the wall control panel will flash. If the door is open, move it down at least 20cm. Make sure the drive unit is re-engaged. Touch the UP STOP DOWN button.

The door will move upwards a short distance then downwards. Allow the door to close fully.

(This allows the door to reconfirm its memory.)

**WARNING: THE AUTOMATIC REVERSING SYSTEM WILL NOT OPERATE ON THIS FIRST DOWN MOVEMENT!**

**ACCESSORIES**



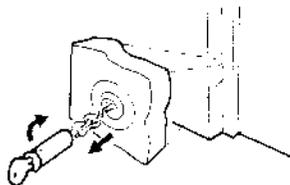
**WIRED REMOTE BUTTON**

For fitting in garage or inside the house.



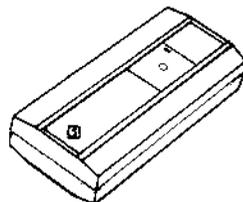
**KEY SWITCH**

For use outside the garage when transmitter use is inconvenient.



**EXTERNAL DISENGAGEMENT DEVICE**

Strongly recommended where the garage door is the only access to the garage. This allows the Controll-A-Door to be disengaged from outside the garage in case of power failure.



**ADDITIONAL HAND TRANSMITTERS**

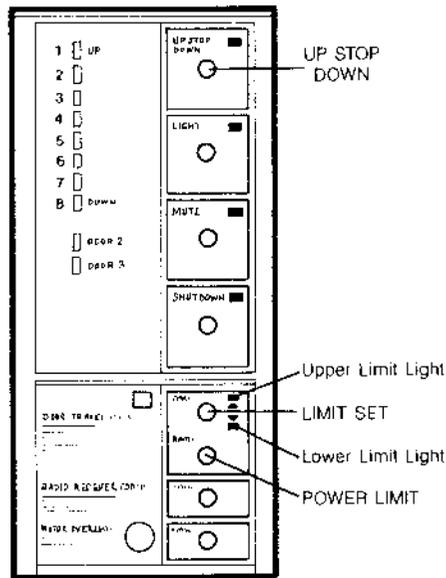
# PROGRAMMING

When your Controll-A-Door is installed it is 'programmed' by the installer. The programming of the Controll-A-Door sets —

- (i) the top and bottom limits of door travel
- and (ii) your own personal hand transmitter code.

Reprogramming will not normally be necessary unless the power has been off for more than 3 weeks (and the memory lost).

The Controll-A-Door can be reprogrammed at any time.



## HOW TO SET (OR CHANGE) THE TOP & BOTTOM LIMITS OF DOOR TRAVEL

1. Engage drive unit (page 3) and turn power on.
2. Remove lower cover from wall control panel.
3. If LIMIT SET lights are flashing, go direct to STEP 4. If not, touch LIMIT SET.
4. Press 'POWER LIMIT' and HOLD ON until door stops at floor. Lower limit light will go out.
5. Press 'POWER LIMIT' and HOLD ON until door reaches desired open position. (3cm below headstop is suggested.)
  - 6. • If 'UPPER LIMIT' light is flashing, press 'LIMIT SET' to record open door position.
  - If 'UPPER LIMIT' light is NOT flashing, the position has been automatically recorded. DO NOT PRESS LIMIT SET.

*If limits are not correct, finish the sequence to Step 6, then start again from Step 3.*

7. Press UP STOP DOWN and allow door to close fully.
8. Press LIMIT SET.

NOTE: The automatic reversing will reach maximum sensitivity after 3 downward operations.

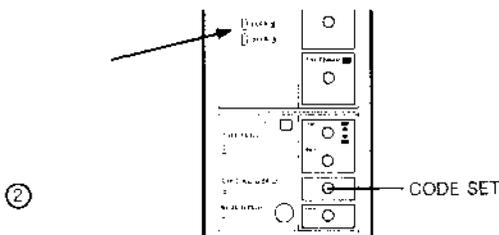
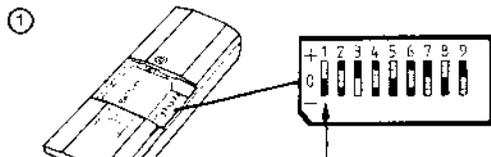
## HOW TO SET (OR CHANGE) YOUR CODE

Your personal code can easily be changed as follows:

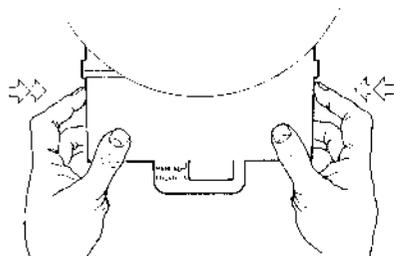
1. Select your code on the hand transmitter. Set switches 1 to 9 to any combination of '-', '0' and '+' positions.
  - \* If you have two or three Controll-A-Doors, the setting of No. 1 switch is suggested as follows:
    - Transmitter for Door 1: —
    - Transmitter for Door 2: 0
    - Transmitter for Door 3: +
2. Press CODE SET
3. Press HAND TRANSMITTER for 2 seconds. Lights 1-8 will illuminate for 10 seconds to show that the code has been received

The Controll-A-Door is now ready to be operated by your hand transmitter.

Simply press the hand transmitter for 1/2 second to operate the door.



# SERVICING



## HOW TO CHANGE LIGHT GLOBES

Bulb type: 240V 40 watt candle, screw fitting . . . available from B&D dealers.

Turn off at power point. Press light diffuser in at either end and **tilt away from handle**. Unscrew globes anti-clockwise and replace. Snap light diffuser back into place.

If the door is open, disengage the drive unit and move the door down at least 20cm. Make sure the door is re-engaged.

Turn the power back on, press UP.STOP.DOWN and let the door close to reconfirm the memory.

# MORE ABOUT YOUR CONTROLL-A-DOOR

## MEMORY

At the heart of your B&D Controll-A-Door is a unique Microprocessor. This stores vital information to control the door operation, such as: where the door should stop at the top and bottom, your code and details for the safety reversing system.

This information will be stored during power failures for approximately 3 weeks.

## CARE OF THE CONTROLL-A-DOOR

Do not hose the wall unit or drive unit. Do not allow gutters to overflow onto the drive unit and do not allow water to run down the wall onto the wall control unit.



## AUTOMATIC REVERSING

Your B&D Controll-A-Door incorporates a unique reversing system. The Controll-A-Door will reverse instantly if an obstruction is encountered on the way down. A series of beeps will be sounded as a warning.

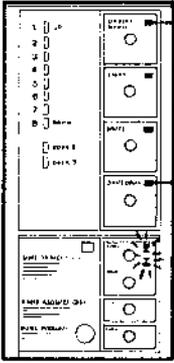
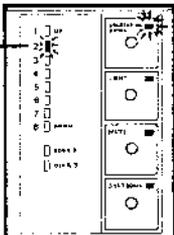
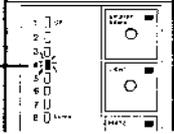
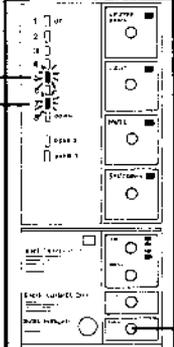
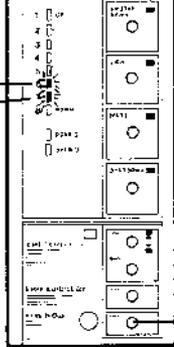
The computer controlled system provides reliable and sensitive reversing operation.

## AUTOMATIC LOCKING

When your Controll-A-Door is in the down position, with the drive unit engaged, the door is automatically locked with B&D's unique motor locking device. Even during a power failure security is maintained.

The Controll-A-Door cannot be damaged by pressing the 'wrong' buttons.

# LIGHTS FLASHING

LIGHTS	WHAT IT MEANS	WHAT TO DO
 <p>OFF</p>	<p>Limits for door travel and Code need to be set.</p>	<p>Set Limits of door travel and set Code. See page 4.</p>
 <p>2</p>	<p>Power has resumed after the power has been off and the door needs to reconfirm its memory.</p> <p><b>WARNING: THE AUTOMATIC REVERSING SYSTEM WILL NOT OPERATE ON THIS FIRST DOWN MOVEMENT!</b></p>	<p>Make sure the drive unit is engaged. Touch 'UP STOP DOWN' button or the Hand Transmitter Button and allow door to close fully. (Door will move UP a short distance first then down.)</p>
 <p>4</p>	<p>The unit has cut out to protect the motor from overheating, after door has been operated too frequently.</p>	<p>Wait until No. 4 stops flashing (½ minute) and the green UP STOP DOWN light is on. Controll-A-Door is now operational.</p>
 <p>5</p> <p>7</p> <p>RESET</p>	<p>The unit has cut out due to motor overload. Check:</p> <p>a) Is the door free from obstructions?</p> <p>b) Is the door correctly adjusted and running freely?</p> <p>If problem continues and no apparent fault can be found</p>	<p>Correct fault, PRESS RESET.</p> <p>Disengage drive unit and check door manually for smooth operation. Door may require service. When fault has been corrected, PRESS RESET.</p> <p>Call for Service or check with your Dealer for the correct power setting.</p>
 <p>6</p> <p>7</p> <p>RESET</p>	<p>The unit has failed to operate. Check:</p> <p>a) Is the drive unit disengaged?</p> <p>b) Is the centre lift lock locked?</p> <p>c) Is the door jammed?</p> <p>If problem continues and no apparent fault can be found</p>	<p>If so, re-engage drive unit (page 3) and PRESS RESET.</p> <p>Unlock. PRESS RESET.</p> <p>Rectify problem. PRESS RESET.</p> <p>Call for Service.</p>

# SAVE A SERVICE CALL

SYMPTOM	PROBABLE CAUSE	REMEDY
Door will not operate and: a) no lights on wall control.	Power point off.	Turn on.
	Plug connection loose.	Check the harness connection to wall control. Check power plug.
b) SHUTDOWN light on.	Wall Control is in SHUTDOWN mode.	Press SHUTDOWN to turn off.
	Wall Control is in CODE SET mode.	Press CODE SET.
c) Some lights are flashing.		Refer to page 6.
d) Motor ran but door did not move. Lights 6 and 7 flash.	Drive unit DISENGAGED	RE-ENGAGE. See page 3. Press RESET. Turn power OFF for a moment, then ON again. Press UP-STOP-DOWN and let the door close fully.
Door operates from wall control but not from hand transmitter.	Battery in hand transmitter is flat.	Replace battery.
	Code not set.	Set Code. See page 4.
Transmitter range varies or is restricted.	Variations are normal depending on location and conditions.	See page 2 for correct use.
	Battery condition.	Replace as necessary.
	Radio jamming by a 'nursery' monitor within 50 metres.	Change the frequency switch on the back of the 'nursery' monitor transmitter.
	Aerial position.	Reposition for maximum range.
Light doesn't operate.	Globe blown.	Check and replace. See page 5.
Door travels too fast.	Power setting may be incorrect.	Call your B&D Dealer.
Door moved upwards a short distance then closed.	Power has been off.	This is the normal sequence following a power failure, for the unit to reconfirm its memory. The door will now operate normally.
Door reverses for no apparent reason.	This occurs occasionally if the effort required to operate the door changes for any reason, such as extreme changes in weather conditions.	If the problem continues, call your B&D Dealer.
If problem continues	Door guides damaged.	Repair guides or call your B&D Dealer.
Door reverses off floor.	Control-A-Door installation problem.	Call your B&D Dealer.
Door roll 'grows large' when closing.	Door not correctly adjusted.	Service door.
	Door guides may have excessive friction.	Clean inside faces of guides. <b>Do not</b> put oil, grease, sprays of any kind, polish or talc in the guides.
	Bottom rail weight insufficient.	Call your B&D Dealer.
Door opens on its own.	A neighbour may have the same transmitter code.	Change your transmitter code and enter it onto the wall control. See page 4.
Motor sound changes when the door is nearly opened.	This is normal on all 'HEAVY DUTY' Control-A-Doors.	No cause for concern.

# WARRANTY

- A. The Manufacturer, B&D Doors (NSW), a member of the Clyde Group ("B&D") of 34-36 Mangold Street, Revesby subject to the terms set out herein, hereby warrants to the original retail purchaser ("the Buyer") that the B&D Control-A-Door ("the Unit") including every major component part thereof will be free from defects in materials and workmanship in normal use, service and operation:
- (a) for a period of twelve (12) months:
    - (i) where the residential unit is installed in and for the purposes of domestic or residential applications, and
    - (ii) where the industrial unit is installed in and for the purposes of industrial or commercial applications, or
  - (b) for a period of three (3) months:
    - (i) where the residential unit is installed in and for the purposes of industrial or commercial applications, and
    - (ii) where the industrial unit is installed so that it is subject to over one thousand (1000) operations in any 3 months.
- Such warranty periods shall run from the date of delivery of the Unit when delivery is effected by B&D or one of its Authorised Distributors listed in the Owner's Handbook supplied with the Unit or from the date of purchase in any other case.
- B. (i) Notwithstanding anything herein where the Unit has been installed by B&D or an Authorised Distributor, the period of warranty provided for in paragraph A above shall run from the date of such installation and the Buyer shall be entitled to free service by B&D or its Authorised Distributor to remedy any defects covered by this Warranty. The Buyer will pay for any service call made by B&D or its Authorised Distributors when in the opinion of B&D these calls are made for the purpose of adjustment which is described in the Owner's Handbook.
- (ii) Where the Unit has not been installed by B&D or an Authorised Distributor, B&D in addition to any warranty which may be offered by the party who installed the Unit, will within a reasonable period of time after notification of the defect by the Buyer and on return of the defective part or Unit to B&D repair or, at its option, replace any defective part or Unit covered by this Warranty without charge provided that all costs of disconnection, reinstallation and freight shall be borne by the Buyer.
- C. **Notification and Proof to be given by the Buyer**  
In the event of any defect in the Unit arising, the Buyer must notify directly either B&D at the above address or an Authorised Distributor and must establish to the reasonable satisfaction of B&D or such Distributor the date of purchase or installation (as the case may be) by way of invoice or installer stamp on the Warranty Form contained in the Owner's Handbook.
- D. **Future Modifications**  
B&D may make such modifications to any existing or future models of the Unit as it may deem necessary without incurring any obligation to incorporate such modifications in Units previously sold or to which this Warranty may relate.
- E. **General**  
Subject to paragraph F below, the obligations of B&D or an Authorised Distributor under this Warranty are limited to those contained herein and this Warranty is the only warranty made by a person authorised by B&D in writing and is exclusively and expressly in lieu of all other warranties permitted to be excluded by law whether those warranties are express, implied under the common law or by statute and the terms of this Warranty may not be modified by any person, firm or corporation other than B&D.
- F. **Exclusions**  
Notwithstanding the terms herein but subject to paragraph H herein, this Warranty shall not apply and B&D or its Authorised Distributors will be relieved of all obligations, responsibilities and liabilities (direct or consequential) in the event that defects or malfunctions of the Unit are directly or indirectly in the opinion of B&D due to or result from:
- (i) lack of proper maintenance or care of the Unit;
  - (ii) incorrect or unreasonable use;
  - (iii) faulty installation or adjustment of the Unit or door to which the Unit is connected where such installation or adjustment is not carried out by B&D or one of its Authorised Distributors;
  - (iv) failure to observe any instructions or directions provided with the Unit or given to the Buyer by the installer;
  - (v) modifications or repairs made or attempted to be made by any person not Authorised by B&D;
  - (vi) faulty electrical wiring or structures to which the Unit is affixed; or
  - (vii) radio (including citizen band transmissions) or other electronic interference.
- Notwithstanding the terms herein but subject to paragraph H, this Warranty:
- (a) does not apply when the Unit is supplied with or fitted to any door or other closing device which is not manufactured or sold as an authorised B&D door or, where it is an authorised B&D door, is not of the type or condition specified as suitable for installation of the Unit in the Owner's Handbook Annex, Installer's Instructions, at page 3; and
  - (b) does not cover and shall not relate to batteries or gloves supplied with the Unit and B&D or its Authorised Distributors shall not be liable for any defect, malfunction or failure of such items.
- G. This warranty constituted by paragraphs A to F above shall apply only to purchasers who are Australian residents. In the case of original retail sales to persons other than Australian residents, B&D, subject to paragraph H below, limits its liability absolutely to the extent permitted by law.
- H. **Statutory Warranties**  
IT IS EXPRESSLY PROVIDED THAT THIS WARRANTY OR ANY TERMS AND CONDITIONS OR ILL OR OTHER STATEMENT CONTAINED IN THIS DOCUMENT THE OWNER'S HANDBOOK OR OTHER LITERATURE GIVEN TO THE BUYER SHALL NOT BE READ OR APPLIED SO AS TO PURPORT TO EXCLUDE, RESTRICT OR MODIFY OR HAVE THE EFFECT OF EXCLUDING, RESTRICTING OR MODIFYING THE APPLICATION IN RELATION TO THE SUPPLY OF THE UNIT OR ALL OR ANY OF THE PROVISIONS OF DIVISIONS 2 AND 2A OF PART 5 OF THE TRADE PRACTICES ACT, 1974 (THE ACT) AS AMENDED OR THE EXERCISE OF A RIGHT CONFERRED BY SUCH A PROVISION OR ANY OTHER CONDITIONS OR WARRANTIES IMPLIED BY AND RELEVANT STATE ACT OR TERRITORIAL ORDINANCE OR BY THE GENERAL LAW AND WHICH BY LAW CANNOT BE EXCLUDED, RESTRICTED OR MODIFIED PROVIDED THAT TO THE EXTENT THAT THE ACT PERMITS B&D TO LIMIT ITS LIABILITY FOR A BREACH OF A CONDITION OR WARRANTY IMPLIED BY THE ACT THEN B&D'S LIABILITY FOR SUCH BREACH SHALL BE LIMITED TO THE PAYMENT OF THE COST OF REPLACING THE GOODS OR ACQUIRING EQUIVALENT GOODS OR OF REPAIRING THE GOODS.
- I. **RE-SUPPLIER INDEMNITY**  
This Warranty shall not apply to any person or body other than the original retail purchaser of any Unit from B&D or its Authorised Distributor. Except to the extent provided herein, B&D or its Authorised Distributors shall have no liability (including liability in negligence) to any person or body for any loss of, damage consequent to, or the whole, howsoever suffered or incurred, by any such person or body in relation to the Units or the services provided in respect of the Units and without limiting the generality thereof, in particular any loss or damage consequent to or otherwise howsoever suffered or incurred by any such person or body, caused by or resulting directly or indirectly from the supply of services or from any failure, breakdown, defect or deficiency of whatsoever nature or kind in the Units.

## FILL THIS IN NOW FOR YOUR RECORD

Name: .....

Address: .....

Purchased from: .....

Installed by: .....

Installed on (date): .....

(Onus on owner for proof of purchase date)

PATENTS AND REGISTERED DESIGNS APPLIED FOR: Driving arrangement: Drive unit, Disengagement mechanism, Electronic programme — safety reversing — limit setting — code setting — motor protection — solenoid locking. Ring gear Drive Unit cover: Lamp housing, Chassis, Wall Control panel, Hand transmitter.