

# **HYDRO DOORS**

**Quality Access Technology** 

Installation & Instruction Manual



Types of Doors that can be automated using the digi.one:

- Sectional overhead doors, single/double, steel or timber.
  - Tip up doors, steel or timber.

# 1. Features

Microprocessor based control system

One button to open, close and stop

Bright LED courtesy light, with a 3 minute time-out

Easily adjustable operating force/obstacle sensing

Supports Safety Beams

Optional back-up battery

Auto-close feature

24V DC Motor provides superior power to weight, giving quiet, smooth operation with soft starting and stopping Protected against overload and over-heating

Reliable chain-drive

Sturdy steel Rail

LED Display – simplifies function programming

Security – is ensured by the use of code-hopping technology

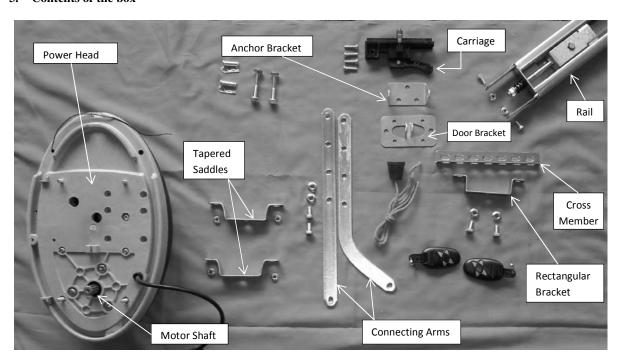
Manual Over-ride – a simple release allows the door to be operated by hand

Options - Safety Beams, back-up battery, wall button and Auto-close

# 2. Technical Specifications

Power Input	220VAC +10% 50~60Hz	Receiver Frequency	433.92MHz
Motor	24VDC	Decoding	Rolling Code
Working Temp	>-20C, <+50C	Courtesy Lamp	LED
Relative Humidity	<=90%	Courtesy Lamp Time	3 minutes
Operating Force	1000N	Fuse	2,5A 250V

#### 3. Contents of the box



#### **Door Condition:**

For successful automation, a door should be in good working condition, i.e. it should be possible to open and close easily with one hand, be correctly sprung and run smoothly without sticking or binding. Torsion springs should be greased. Tracks should be well secured with correct clearances and be clean and free of grime. Badly worn hinges, rollers and bushings should be repaired or replaced. Remove all unnecessary ropes, brackets, levers, etc.

Caution! Garage doors, door springs, cables, pulleys, brackets and hardware are under extreme force and can cause serious personal injury.

**Note!** Most complaints of unsatisfactory garage door operation can be traced to problems with the door itself. The **digi.one** is not intended to correct any problems that are caused by an unbalanced or binding door. When operated manually, a properly balanced door will remain stationary, at any point of its travel, while being supported entirely by its springs.

For optimum reliability and lifespan of your digi.one operator, have your garage door serviced regularly.

# 4. Installation

# 4.1 Recommended Tools and Equipment for this Installation

Electric Drill -

Impact, Variable Speed, Reversible

**Drill Bits** 

Masonry: 6mm, 10mm Steel: 6mm, 10mm, 12mm

Hacksaw

Screwdriver -  $\Theta$  3mm Screwdriver -  $\bigoplus$  6mm Spirit Level

Tape Measure - 5m

Hammer

Spanners

Sockets: 8mm, 11mm, 13mm

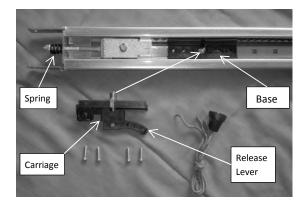
Flat/Ring: 10mm, 11mm, 13mm, 14mm

Step Ladder – 1,7m ~ 2m high Extension Lead – to suit

# 4.2 Installing the Operator and Rail

With the Release Lever pointing away from the Spring, fit the Carriage to the Base using 4 Phillips Screws.

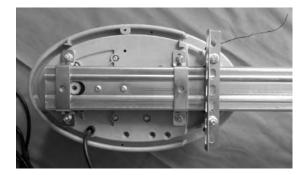
Attach the Release Cord to the Release Lever.



While engaging the motor shaft with the sprocket, place the Rail on top of the Power Head.

Bolt the rectangular Saddle to the Cross Member on the Rail in the space at the front of the operator.

Secure the Tapered Saddles to the four Studs with Flange Nuts.

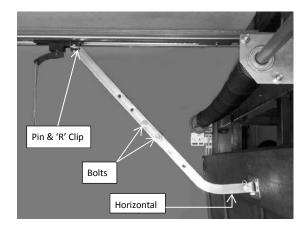


Mount the Anchor Bracket to the front wall on the door centre-line.

Secure the foot of the Rail to the Anchor Bracket.

Once the Power Head has been suspended, fit the Connecting Arms as shown, using the Pins and 'R' Clips.

Overlap the Arms and bolt them such that the short section is horizontal.



Using suitable material bolted to the Cross Member, secure the Power Head overhead, so that the Rail is horizontal.

Plug the Mains Cord into a socket installed according to regulations.



#### 5. Electrical Terminals and Connections

Note: The Terminals can be accessed by un-clipping and removing the Light Lens.
Should the main cover need to be removed, remove the screw at the front and support the cover so that the hook at the rear is not stressed.

# **Push Button**

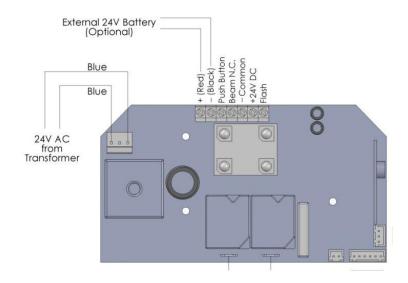
If required, make the connections to the 'Push Button' and '-Common' terminals.

# **Safety Beam**

If required, make these connections to the '+24V DC', '-Common' and 'Beam N.C.' terminals.

# **Back-up Battery (Optional)**

Connect the positive wire to '+(Red)', and the negative wire to '-(Black)'.



# 6. Control Panel



# 7. Programming the operator

(**Note:** The operator will exit programming if left for 30 seconds.)

~		
(Progra	ımming	cont.)

With the Carriage Release Lever horizontal, move the door by hand until the Carriage engages with the Shuttle.  Turn on the power, the Lamp comes on while the Display runs from '99' to '11'.  The Display changes to ''. Standby Mode.  Setting Open and Close Positions  Press and hold the SET button, until 'P1' is displayed.  Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Su  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey  Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes  Caution: This function deletes all remotes	Propagation				
move the door by hand until the Carriage engages with the Shuttle.  Turn on the power, the Lamp comes on while the Display runs from '99' to '11'.  The Display changes to ''. Standby Mode.  Setting Open and Close Positions  Press and hold the SET button, until 'P1' is displayed.  Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Preparation				
with the Shuttle.  Turn on the power, the Lamp comes on while the Display runs from '99' to '11'.  The Display changes to ''. Standby Mode.  Setting Open and Close Positions  Press and hold the SET button, until 'P1' is displayed.  Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes					
Turn on the power, the Lamp comes on while the Display runs from '99' to '11'.  The Display changes to ''. Standby Mode.  Setting Open and Close Positions  Press and hold the SET button, until 'P1' is displayed.  Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes					
Display runs from '99' to '11'.  The Display changes to ''. Standby Mode.  Setting Open and Close Positions  Press and hold the SET button, until 'P1' is displayed.  Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes					
The Display changes to ''. Standby Mode.  Setting Open and Close Positions  Press and hold the SET button, until 'P1' is displayed.  Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Still  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes					
Press and hold the SET button, until 'P1' is displayed.  Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes		- 11			
Press and hold the SET button, until 'P1' is displayed.  Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes					
Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Su  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	~ <u>-</u>				
Press SET again, 'OP' is displayed.  Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Sti  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes		P!			
Press and hold the UP button. While opening, 'OP' flashes.  Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	1 2				
**Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  **Adding eKey Remotes**  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  **SU**  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  **Deleting Remotes**	= -	OP			
Release the UP button when the open position is reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Press and hold the <b>UP</b> button. While opening,	00			
reached.  Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	'OP' flashes.	UP			
Use the UP or DOWN buttons to adjust the open position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Release the <b>UP</b> button when the open position is				
position.  Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes					
Press SET, and 'CL' is displayed.  Press and hold the DOWN button. While closing, 'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Use the UP or DOWN buttons to adjust the open				
Press and hold the DOWN button. While closing,  'CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	position.				
CL' flashes.  Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  SU  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Press SET, and 'CL' is displayed.	EL			
Use the UP or DOWN buttons to adjust the closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Still  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Press and hold the <b>DOWN</b> button. While closing,				
closed position.  Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	'CL' flashes.	LL			
Press SET, and the door will open and close automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Use the UP or DOWN buttons to adjust the				
automatically to establish normal force requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	closed position.				
requirements. Finally '' is displayed.  Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Press SET, and the door will open and close	OP			
Adding eKey Remotes  Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Still  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	automatically to establish normal force	CL			
Press the CODE button. 'Su' is displayed.  Choose and press a button on the eKey Remote.  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	requirements. Finally '' is displayed.				
Choose and press a button on the eKey Remote.  Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Adding eKey Remotes				
Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Press the CODE button. 'Su' is displayed.	SU			
Press the same button again to confirm.  'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Choose and press a button on the eKey Remote.	5			
'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes		50			
'SU' flashes and then '' is displayed.  Repeat the above steps for additional eKey Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	Press the same button again to confirm.	(50)			
Remotes. A maximum of 20 may be stored. An attempt to add another will display 'Fu'.  Deleting Remotes	'SU' flashes and then '' is displayed.				
attempt to add another will display 'Fu'.  Deleting Remotes	Repeat the above steps for additional eKey				
Deleting Remotes	Remotes. A maximum of 20 may be stored. An	FU			
	attempt to add another will display 'Fu'.				
Caution: This function deletes <u>all</u> remotes					

.) (1 Togramming	cont.)			
Press and hold the CODE button for 8 seconds.	dL			
'dL' is displayed	UL			
Operating Force Adjustment				
Press and hold the <b>SET</b> button, until 'P1' is	P I			
displayed.	ī			
Press the <b>UP</b> button once. 'P2' is displayed.	P2			
Press SET again. The current force setting is				
displayed. Press UP or DOWN to increase or				
decrease this value by one step at a time.	F9 F I			
Maximum is 'F9'; Minimum is 'F1'. Press SET				
to confirm.				
Default setting is 'F5'	F5			
Safety Beam – Enabling and Disabling				
Press and hold the <b>SET</b> button, until 'P1' is				
displayed.	PI			
Press the <b>UP</b> button twice. 'P3' is displayed.	P3			
Press the <b>SET</b> button to show the beam Status.	нО			
'H0' means Disabled, 'H1' means Enabled.	н			
Press the <b>UP</b> button to Enable. 'H1' is displayed.	н			
Press the <b>DOWN</b> button to Disable. 'H0' is	нО			
displayed.				
Press the <b>SET</b> button to confirm and exit.				
<b>NOTE:</b> If Safety Beams are <u>not</u> fitted, ensure the				
above function is Disabled, or the operator will				
open, but will <u>not</u> close.	но			
Auto-close				
Press and hold the <b>SET</b> button, until 'P1' is	0.4			
displayed.	PΙ			
Press the <b>UP</b> button three times. 'P4' is displayed.	4			
Press the <b>SET</b> button to show the Auto-close				
Status.	ь0			
'b0' means 'No Auto-close', 'b9' is maximum	ь9			
Auto-close.				
Press the <b>UP</b> button to increase, or the DOWN button	on to			
decrease the delay by 1 minute.				
Press the <b>SET</b> button to confirm and exit.				

# 8. Owner's Guide

# **Notes and Warnings:**

Only operate the door when it is in full view. Do not allow young children to play with the controls. Keep people, pets and property clear of the moving door. The door operator is intended for indoor installation. The door and operator should be serviced annually.

#### Trouble Shooting In the event of a malfunction, to judge where the fault may lie, use the manual over-ride and test the door by hand, and check if the operator will function with the door disengaged. Problem **Possible Cause** Remedy Noisy Chain Chain has become loose Adjust the M8 Nut on the spring Mains supply/loose plug, blown Check the mains. No response from the motor Check/replace the fuse with the same type Test by disabling the beam (see programming) Door opens but will not close Safety Beam (if fitted) is faulty The motor works from the push button, Replace remote battery. If two or more remotes fail, Remote faulty or battery low but not the remote replace the control board. Remote range is short Remote battery low Replace remote battery Door fails to close fully and re-opens, Test the door by hand. Slightly increase the Operating Force too low or door fails to open fully Operating Force (see Programming)

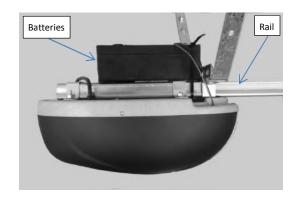
# 9. Battery Back-up (Optional)

Place the two batteries side-by-side above the Rail as shown, and secure them with a Cable Tie.

Connect the short wire from the Red terminal of one battery to the Black terminal of the other.

Connect the Red Wire to the other Red battery terminal, and the Black wire to the other Black battery terminal.

Lead the wires through the access hole and refer to Section 5. 'Electrical Terminals and Connections



# Manufacturer's Warranty

- Hydro Doors and Gates (Pty) Ltd (Hydro) warrants the first purchaser of the digi.one, that the product shall be free of any
  defects in materials and/or workmanship for a period of twelve months (one Year) from the verifiable date of purchase. Such
  verification shall include a valid proof of purchase by the first retail purchaser, which shall include, if possible, the Serial
  number of the motor under warranty. Upon receipt of the product the first purchaser is under obligation to check the product
  for any visible defects.
- This warranty is applicable to the product if sold and installed in the Republic of South Africa.
- If the product is sold and installed outside the Republic of South Africa, the obligations for repairing this product under warranty will be borne by the distributor of the product in the territory concerned. The terms and conditions of warranties in a territory outside the Republic of South Africa will be available from the distributor in that territory.

#### CONDITIONS:

The warranty shall constitute the sole remedy available under law to the first retail purchaser for any damages related to, or resulting from, a defective part and/or product. The warranty is strictly limited to the repair or replacement of the parts of this product, which are found to be defective.

The warranty does not cover:

- non-defect damage caused by unreasonable use (including use not in complete accordance with this digi.one installation/owner's manual)
- labour charges for removal or re-installation of a repaired or replaced unit
- transport costs incurred in getting the product to Hydro; Hydro will quote for in-situ warranty repairs if requested
- damage to the product caused by lightning, power surges or incorrect installation
- the product if used to automate more than one door at a time
- the product if installed outdoors, including carports
- The product if installed in excessive traffic applications, for example, apartment blocks or parking garages
- any unauthorized, non-Hydro modification to the product or the components thereof; any modification that may be required, must be authorized in writing
- consequential or incidental damage to property or person
- batteries installed in the operator, remote controls or wall console
- Hydro will repair, or at its option replace, any device, which is determined to be defective in materials and/or workmanship, at no cost to the owner for the repair and/or replacement part.
- Defective parts will be repaired or replaced with new or factory rebuilt parts at Hydro's option.
- Warranty repairs shall be effected, provided the product is returned to Hydro at the owner's expense.
- No representative or person is authorized to assume for Hydro Doors any other liability in connection with the sale of this
  product.
- For warranty service or shipping instructions, please contact Hydro Doors.
   All items must be sent to Hydro Doors for service at the owner's expense.

# **Contacts:**

# Hydro Doors & Gates (Pty) Ltd

Head Office:PO Box 635 Florida 1710

Dialling Code: +2711, Tel: 474 9060, Fax: 474 9067

Website: www.hydrodoors.co.za

### Sales Branches:

Johannesburg: Tel: 0861 22 3444 Fax: +27 11 474 9067 Email: <a href="mailto:sales@digidoor.co.za">sales@digidoor.co.za</a>
East Rand: Tel: +27 11 397 8448 Fax: +27 11 397 8480 Email: <a href="mailto:sales@digidoor.co.za">sales@digidoor.co.za</a>
Pretoria: Tel: +27 12 653 6399 Fax: +27 11 653 6464 Email: <a href="mailto:sales@digidoor.co.za">sales@digidoor.co.za</a>
Nelspruit: Tel: +27 13 753 2176 Fax: +27 13 752 2636 Email: <a href="mailto:sales@digidoor.co.za">sales@digidoor.co.za</a>
Cape Town: Tel: +27 21 933 5556 Fax: +27 21 933 5558 Email: <a href="mailto:sales@digidoor.co.za">sales@digidoor.co.za</a>
Durban: Tel: +27 31 700 2110 Fax: +27 31 700 2111 Email: <a href="mailto:sales@digidoor.co.za">sales@digidoor.co.za</a>
Port Elizabeth: Tel: +27 41 367 2874 Fax: +27 41 367 3164 Email: <a href="mailto:sales@digidoor.co.za">sales@digidoor.co.za</a>