PRODUCT FEATURES

- Windlass monitoring from the helm.
- Simple Plug & Play sensor installation.
- Accurate information for all-chain or combination rope/chain rodes.
- Flexibility of magnet and sensor gap from 3mm to 50mm.
- Easy set up.
- Multiple unit installation options – combine with other Maxwell AA products for total windlass control.
- Fits all DC, AC and hydraulic windlasses.
- Inbuilt diagnostics for troubleshooting installation issues.
- EMC protection to CE EN60945.

MAXWELL AA150

WIRELESS, HAND HELD REMOTE WINDLASS CONTROLLER AND RODE COUNTER (P102981)

All the features of the AA560 plus options to control a bow thruster or deck lights and anchor wash.

- High level wireless transmission security - 2.4GHz EM band.
- Preset stopping point and docking alarm on retrieval.
- One-touch function to deploy and retrieve a preset length of rode.
- Adjustable back lit display in feet, metres or fathoms.
- Graphic LCD screen featuring intuitive user interface for simple operation.
- Displays windlass speed and direction.
- Safety lock to help protect against accidental windlass deployment.
- Logger windlass operation hours to help ensure regular windlass maintenance.
- Weather cover and choice of black or gray console.

Kit includes 1 console, 1 sensor and 1 magnet.

MAXWELL AA710

ANCHOR LAUNCHING OR RETRIEVAL FROM THE BOW WHEN VISION FROM THE HELM STATION IS OBSTRUCTED.

- Use for Windlasses, Davits, Thrusters and other Marine Equipment.
- Electrical protection against back-emf.
- Rubber over-moulding for shock protection and grip.
- Stainless steel fastener.
- Operate in parallel with all AutoAnchor™ products, toggle switches, foot switches or other control equipment.
- Connect to DC, AC and Hydraulic systems.
- Rugged 4m coiled cable and connectors.
- All products are rated to IP67 including cables, plugs and sockets.
- Deck socket with 2m flying lead reduces potential for corrosion.
- Other Maxwell AutoAnchor controllers are available, check with your local Maxwell distributor.

Rated to IP67 the moulded deck socket has a 2m flying lead for better connectivity.

AA730

WITH RODECOUNTER (P102944)

AA342

DUAL WINDLASS CONTROL (P102996)

Accessories

Controllers AA150 • AA560 • AA320 • AA340 • AA710 • AA730

RCM2 and RCM4
Radio Remote Controls (P104816) (P104817)

These new, hand held wireless control units are ideal for remotely operating the up/down function of a single windlass (RCM2) or a dual windlass installation (RCM4).

The RCM2 can also be used for control of a bow thruster, whereas the RCM4 can be used for controlling a windlass and a bow thruster simultaneously.

These units are also suitable for the operation of other on board, electrically driven equipment.

AA320

Windlass Control (P102922)

AA730

With Rodecouter (P102944)

AA150

WIRELESS, HAND HELD REMOTE WINDLASS CONTROLLER AND RODE COUNTER (P102981)

AA560

WIRELESS PANEL MOUNT WINDLASS CONTROLLER AND RODE COUNTER (P102939)

AA340

WIRELESS PANEL MOUNT WINDLASS CONTROLLER (P102942)

ALL MAXWELL WINDLASSES
ARE RODE COUNTER READY WITH MAGNET FITTED AND SENSOR HOLE DRILLED

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www.maxwellmarine.com
Maxwell will supply not only your anchor winch or capstan, but also a complete anchoring package consisting of control gear, circuit protection, anchors, rope, chain, chain stoppers, chain snubbers, swivels, shackles, bow rollers, etc.

**Accessories Positioning Guide**

The correct installation of your Maxwell windlass or capstan and all associated anchoring equipment will ensure that you get years of trouble free service. It is worth taking the time to install all accessories and electrical wiring or hydraulic connections carefully and professionally. Your Maxwell Owner’s Manual will provide you with all the information you, or your service agent, needs to properly set up your specific installation. The indicative diagram gives you some idea of what is involved and is a guide only.

**UP/DOWN CONTROLS**

Easy to use, panel-mounted Up/Down switches for remote windlass operation from the helm, fly bridge or cockpit. Suitable for use with dual-directional solenoids.
- Manufactured from marine-grade materials.
- Splash proof.
- Suitable for 12 and 24 Volt DC use.
- Includes on/off switch and power indicator light (B only).

**CIRCUIT BREAKER/ISOLATOR PANELS**

Maxwell circuit breaker/isolator panels are available to suit a wide range of windlasses and capstans.
- For protection of the main conductor circuit for DC winches.
- Mount as close as possible to the battery power source to ensure protection against short circuit and to reduce the risk of DC motor burn-out in the event of winch overloading.
- Enables the battery, or electrical supply, to be isolated when winch is not in use.
- Suitable for 12V or 24V DC systems.

(REFER PAGE 34 FOR PRODUCT CODES)

**FOOT SWITCHES**

Maxwell heavy-duty, weather resistant units have a UV stabilised water proof diaphragm and are supplied complete with mounting instructions and screws.
- Rated at 150 amperes maximum current and suitable for 12V or 24V applications.
- Nickel-plated copper contacts ensure corrosion-free, reliable operation.
- Available in UV stabilised plastic or polished stainless steel covered versions.
- Uncovered plastic versions are also available.

**DUAL AND SINGLE DIRECTION SOLENOIDS**

Dual Direction Solenoids are used in conjunction with remote Up/Down panel, AutoAnchor™ Rode Counters, roving hand held remote controls and/or foot switches to switch the motor in the required direction.
- Heavy-duty solenoids, suitably rated for our winch motors.
- Optional, ignition protected solenoids available.
- Available in 12V or 24V DC for permanent magnet and series wound motors.
- Installation in a dry area is always recommended.

Single Direction Solenoids should be used where only single direction motor rotation is necessary. E.g. capstan winches. The advantages of using a single direction solenoid, instead of a heavy-duty switch are:
- Shorter runs of heavy duty wiring, thus saving cost
- Multiple input sources possible E.g. foot switch, remote control, etc.
- Less chance of arcing. Arcing reduces the life of electrical contacts.

(REFER PAGE 34 FOR PRODUCT CODES)

**ROVING HAND HELD REMOTE CONTROL**

Two button, single speed units enable the operator to visually check anchor retrieval or lowering from the bow if vision is obstructed.

**NEW PRODUCT**

New Maxwell, compact up and down foot switches now available in black and white cover versions. Operate via solenoids (thus allowing smaller diameter wiring)
- WHITE COVERED
  - BLACK COVERED
  - P104808
  - P104810

When it comes to anchoring, Maxwell provides the ultimate anchoring solution backed by sound advice and after sales service. A full range of anchoring accessory items are available. Please contact your nearest Maxwell office or local distributor for helpful advice and assistance.
MAXWELL IS ABLE TO SUPPLY YOU WITH A VARIETY OF BOW ROLLERS FOR CUSTOM OR PRODUCTION LINE BOATS.

Chain stoppers hold the chain and take the load off the windlass. They are used to set and ride on the anchor, break free the anchor or to prevent accidental 'free fall' of the anchor while under way. Also recommended for VW Series rope and chain systems to hold the chain while changing over from rope to chain. Three sizes available – refer chart below. Refer Maxwell Superyacht catalogue for larger sizes.

**Hinged Bow Roller**

Suitable for rope and chain anchor rodes utilising up to 13mm (1/2”) chain.

**Fixed Bow Roller**

Suitable for rope and chain anchor rodes utilising up to 13mm (1/2”) chain.

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**Chain Stoppers**

Chain stoppers hold the chain and take the load off the windlass. They are used to set and ride on the anchor, break free the anchor or to prevent accidental ‘free fall’ of the anchor while under way. Also recommended for VW Series rope and chain systems to hold the chain while changing over from rope to chain. Three sizes available – refer chart below. Refer Maxwell Superyacht catalogue for larger sizes.

**Maxwell Marine**

www.maxwellmarine.com

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**BOW ROLLERS**

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**Rope and Chain**
Maxwell can supply a full range of anchor rodes including chain only, rope only or pre-spliced combination rope and chain rodes. Chain, suitable for vessels up to 100 metres (about 300 feet) is available in short or stud link variations in both metric and imperial sizes. Maxwell provides both 3-strand and 8-plait (brait) nylon rope commonly used on vessels up to 20 metres (65 feet) in length as well as ropes and hawsers commonly seen on superyachts.

**Chain Snubbers**
Chain snubbers are an alternative method of taking the load off the windlass and are recommended to secure the anchor while underway. Available in rope versions with chain clevis hook (A) or snap shackle (B) and in various sizes: 6mm (1/4”) 8mm (5/16”), 10mm (3/8”), 13mm (1/2”).

**Anchor Chain Tensioner and Safety Cable**
The simple Devil’s Claw, tensioner pad eye through deck mounting system allows you to secure or tighten the anchor into the bow roller or anchor pocket while your vessel is under way. The inexpensive, through deck mount Safety Cable device ensures that your anchor will not self launch while under way.

**Anchor Chain Swivel Shackles**
The use of a swivel and joining shackles to join your anchor and rode will greatly improve anchor retrieval and help ensure that the rode lays neatly into your anchor locker. Thus, they are highly recommended for use with Maxwell’s automatic rope/chain series windlasses. Two sizes (6mm - 8mm/1/4” – 5/16” and 10mm - 12mm/3/8” – 7/16”) are available to suit vessels up to 20 metres (65 feet). These robust single swivel anchor connectors, with captured pins, will not loosen under load and pull smoothly and easily over bow rollers.

**Chainwheel Selection Guide**
In order for your windlass to retrieve and deploy the anchor and chain smoothly, without jamming, it is vitally important that the chain and chainwheel (gypsy) match. Unfortunately all chains (whether metric or imperial) are not necessarily manufactured to the same tolerances for a given chain size. Therefore, Maxwell has devised a global chain and chainwheel spreadsheet which will help you to figure out what chainwheel you need to order, for the chain you are using, to fit and work correctly with your Maxwell windlass.

If you know the chain size and manufacturer, then simply go to the link below in the Maxwell web site, look up your chain, scroll down to your windlass and a dot in the matrix will indicate and guide you to the chainwheel to be used with your specific windlass and chain. If you do not know the chain size and manufacturer, then use the illustrated chain diagram (refer below) and indicated dimensions information to ‘measure’ your chain. Send this information to your Maxwell dealer, who will then help you figure out what chain you are using and therefore what chainwheel must be used with your Maxwell windlass.

**Chainwheel Selection Guide**
To figure out what size and type of chainwheel you need to order for the chain you are using, to fit and work correctly with your Maxwell windlass, please download the Maxwell Chainwheel Selection Guide spreadsheet.

**Anchor Code**
<table>
<thead>
<tr>
<th>Anchor Code</th>
<th>Anchor Weight</th>
<th>Approximate Boat Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>P105003</td>
<td>6 kg (13lb)</td>
<td>4 - 5.5m (13 - 18ft)</td>
</tr>
<tr>
<td>P105004</td>
<td>10 kg (22lb)</td>
<td>5.5 - 6m (18 - 20ft)</td>
</tr>
<tr>
<td>P105005</td>
<td>16 kg (35lb)</td>
<td>9 - 11m (30 - 36ft)</td>
</tr>
<tr>
<td>P105006</td>
<td>23kg (51lbs)</td>
<td>12 - 14m (38 - 45ft)</td>
</tr>
<tr>
<td>P105007</td>
<td>25 kg (55lb)</td>
<td>13 - 15m (42 - 48ft)</td>
</tr>
<tr>
<td>P105008</td>
<td>30 kg (66lbs)</td>
<td>15 - 17m (50 - 55ft)</td>
</tr>
<tr>
<td>P105009</td>
<td>40 kg (88lbs)</td>
<td>16 - 19m (50-60ft)</td>
</tr>
</tbody>
</table>

**Anchor Swivel Shackles**
- 6MM (P104370)
- 8MM (P104371)
- 10MM (P104372)

**Emergency Crank/Clutch Release Handles**
For use with RCB, RCT10 and RC12 Series anchor winches. Two sizes are available to suit the constraints of most foredeck configurations. Constructed of light weight, durable injection-moulded plastic, these handles float if accidentally dropped overboard.