



ELLIOT  BROWN



**BEACHMASTER®**  
PROFESSIONAL AUTOMATIC



Congratulations on becoming the owner of this highly capable, patented self-winding mission timing watch, the Beachmaster® Professional Automatic.

Never before has a GMT movement been used in conjunction with a split timing bezel, counting down to, then up from mission start for up to 24 hours. So original is this functionality, in 2022 it was granted a patent GB2590109.

Elliot Brown enjoys an enviable reputation amongst sport, adventure, military and emergency communities so you're in good company and your Beachmaster watch is designed to thrive, with the same DNA and rugged reliability our demanding audiences have become accustomed to.

One turn of the click-lock inner timing bezel is all you need to feel the level of engineering detail that has gone into your watch. Ceramic ball bearings housed inside tiny machined chambers are what you're feeling as the inner bezel rotates, carefully securing it against accidental knocks whilst allowing the convenience of bi-directional movement.

With two distinct luminous colours to distinguish between mission and normal time, read on to explore the full depth of capability waiting for you within your watch.



DEVELOPMENT

(54) Title of the Invention: **A watch assembly**  
Abstract Title: **A watch assembly for a wristwatch**

(57) A watch assembly 2 for a wristwatch 1 is provided. The watch assembly 2 comprises: a watch display 4 providing a first display 6 comprising at least a first time scale 8; a watch movement 12 located adjacent the watch display 4; a first watch hand 14 in communication with the watch movement 12 to indicate a time or period of time in hours; a second watch hand 16 in communication with the watch movement 12 to indicate a time or period of time in minutes; and a third watch hand 18 in communication with the watch movement 12 to indicate a time or period of time in seconds.

The watch assembly further comprises a fourth watch hand 20 in communication with the watch movement 12 to indicate a time or period of time in a 24-hour format. The watch assembly 2 further comprises a first rotatable bezel 22 extending around the periphery of and rotatable relative to the watch display 4. The first rotatable bezel 22 provides a first marker 24 and a second display 26; and a second rotatable bezel (28, Figure 1B) extending around the periphery of the first rotatable bezel 22. The second rotatable bezel is independently rotatable relative to the first rotatable bezel 22 and the watch display 4; and the second rotatable bezel provides a second marker (30, Figure 1B) and a third display (32, Figure 1B).

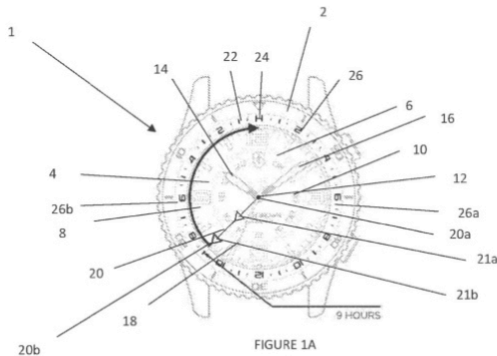
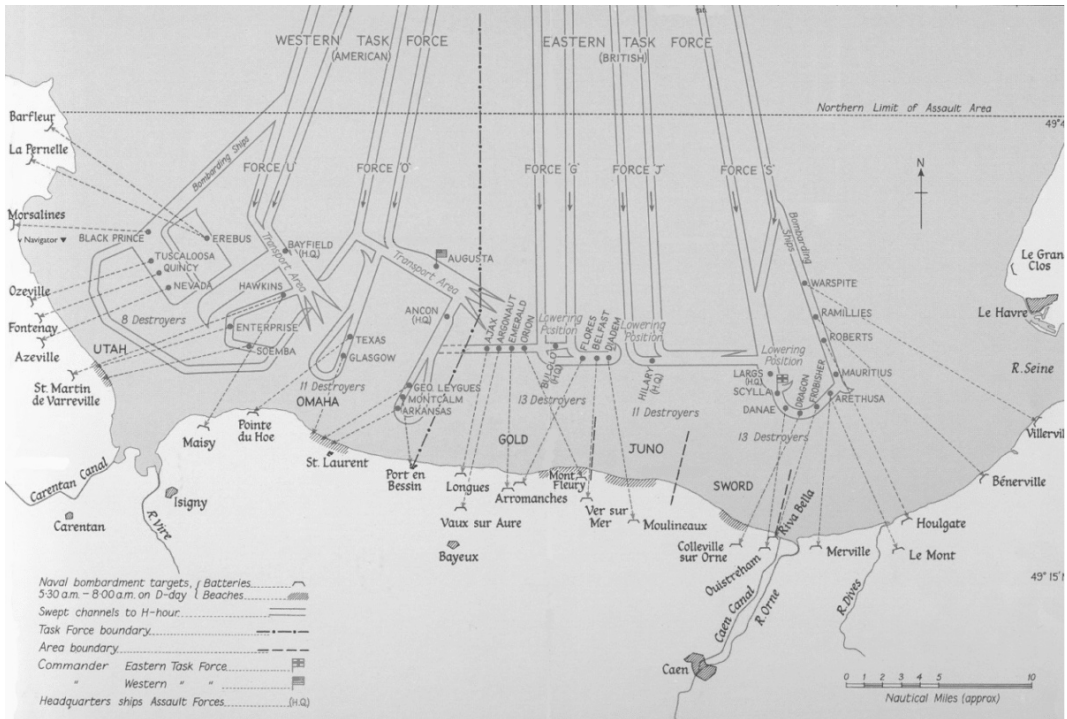


FIGURE 1A

GB 2590109 A





Designed following a request from a former Royal Marine, the Beachmaster® Professional Automatic is an easy to use mission timer displaying relevant information at a glance without the complications of chronograph sub-dials. As with any good piece of equipment, it's clear and functional, day or night.

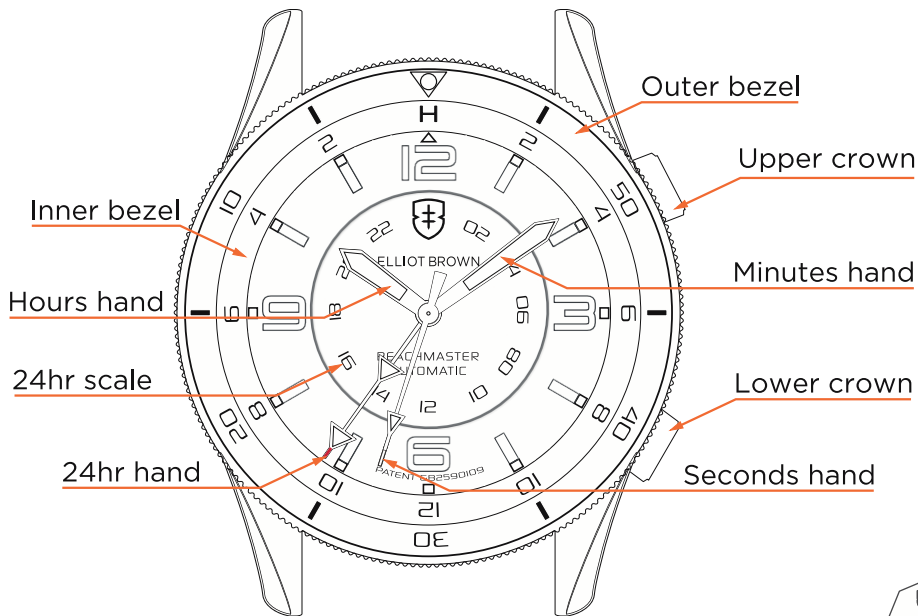
The use of a split scale internal rotating internal rotating bezel, uni directional external bezel and GMT movement with 24hr hand that rotates once in 24 hours enabled us to imagine a brand new design of watch.

Even with numerous different timing options available using the four hands and two scales, the Beachmaster® is simplicity itself to operate.



## INSTRUCTIONS







TO USE YOUR WATCH TO COUNT  
DOWN TO AN EVENT STARTING  
UP TO 60 MINUTES IN THE  
FUTURE

To countdown from 60 *seconds* to zero, turn the external bezel anti clockwise until the triangle lines up with the tip of the seconds hand.

As time passes, the number of seconds left can be read from the external bezel.

To countdown from 60 *minutes* to zero, turn the external bezel anti clockwise until the triangle lines up with the tip of the minutes hand.

As time passes, the number of minutes left can be read from the external bezel.

In the example shown opposite, there are 55 minutes remaining.





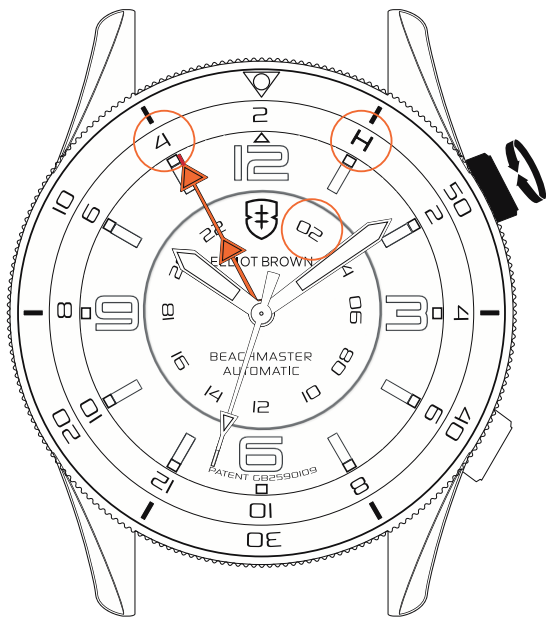
TO USE THE SPLIT SCALE  
INTERNAL BEZEL

Wherever you are and however the GMT hand is set, it can be used in conjunction with the split scale internal bezel to count down up to 12 hours to mission start ('H hour') then automatically count up to 12 hours; for example to rendezvous somewhere 6 hours after mission start.

By turning the upper crown so that **H** on the internal bezel is adjacent to the event start time on the inner 24hr scale, mission start time can be set to a certain number of hours ahead, or at a specific time of day.

In the example opposite, mission start is 2am so **H** is aligned with 02.

The red tip of the 24hr hand is pointing just after 4 on the internal bezel, showing event start is just under 4 hours away.





TO ADJUST THE TIME



CROWN LOCKED



UNSCREW CROWN TO  
MANUAL WINDING POSITION



PULL CROWN OUT  
TO THE FIRST CLICK



To set the time, unscrew the *lower* crown until it springs away from the case then pull it out gently to the second click and turn the crown to adjust the time until the hours and minutes hands are pointing to 12.

Once you've set the time, push the crown back in towards the case whilst simultaneously turning it. Once the crown has picked up on the threads, turn it until it locks. Your watch is now waterproof.

Ensure the crown is fully screwed down at all times and especially before use in water as water resistance is significantly reduced if the crown is left unscrewed.

**TURN CROWN  
CLOCKWISE TO  
SET TIME**



**PUSH CROWN  
BACK IN**



**PUSH AND TURN CROWN  
CLOCKWISE AND SCREW DOWN**





TO ADJUST THE GMT HAND



To adjust the GMT hand, unscrew the *lower* crown until it springs away from the case then pull it out gently to the first click.

Turning the crown clockwise will advance the GMT hand in 1 hour jumping increments.

Once you've set the GMT hand, push the crown back in towards the case whilst simultaneously turning it. Once the crown has picked up on the threads, turn it until it locks. Your watch is now waterproof.

Ensure the crown is fully screwed down at all times and especially before use in water as water resistance is significantly reduced if the crown is left unscrewed.

CROWN LOCKED



UNSCREW CROWN TO  
MANUAL WINDING POSITION



PULL CROWN OUT  
TO THE FIRST CLICK



TURN CROWN  
CLOCKWISE TO  
ADJUST GMT HAND



PUSH CROWN  
BACK IN



PUSH AND TURN CROWN  
CLOCKWISE AND SCREW DOWN



If the 24hr hand is set to the same time as the hours and minutes hands, it shows whether it's AM or PM where you are: if the hour hand is pointing to 10 and the 24hr hand is pointing to 22, it's 10pm, not 10am.

When travelling in a different time zone, if the hours and minutes hands are set to local time, the 24hr hand can be set to a separate time zone, or to home time.

In the example opposite, local time is 10.09 (read from the hours and minutes hands) and the 24hr hand is showing home time is 2.09pm, read from the 24hr scale around the centre of the watch and the inner triangle on the 24hr hand in conjunction with the minutes hand.







TO WIND YOUR WATCH

To wind your watch, unscrew the *lower* crown until it springs away from the case, then turn the crown clockwise 35 full turns to start winding your watch. A minimum of 65 turns will be required to fully wind your watch.

Push the crown back in towards the case whilst simultaneously turning it. Once the crown has picked up on the threads, turn it until it locks. Your watch is now waterproof.

Once you start wearing your watch, the natural movements of your wrist will continue to wind the mainspring automatically and once the mainspring is fully wound, your watch will run for approximately 56 hours without needing to be wound or worn.

Ensure the crown is fully screwed down at all times and especially before use in water as water resistance is significantly reduced if the crown is left unscrewed.

UNSCREW CROWN TO  
MANUAL WINDING POSITION



WIND CROWN  
20 TIMES



PUSH CROWN  
BACK IN



PUSH AND TURN CROWN  
CLOCKWISE AND SCREW DOWN





## TECHNICAL INFORMATION

#### Case:

- CNC machined 316L marine grade stainless steel
- Satin brushed sides and shoulders, with polished case undercut and shoulder facets
- Screw in steel strap bars with positive drive socket heads
- 30ATM/300m water resistant, individually tested

#### Bezels:

- Unidirectional 316L marine grade stainless steel external bezel with beadblasted coin edge and polished chamfer
- Matte black ceramic insert with X1 BGW9 SuperLumiNova® markings and applied luminous marker at 12
- Brass bi-directional internal bezel with ceramic ball bearing detents

#### Caseback:

- Hydraulically stamped caseback with deep laser engraving
- Bolted down to ensure perfect seal compression



### Dial & hands:

- Matt sunray dial with 3D applied indexes
- Repeating amphibious assault wave graphic printed in clear varnish across dial centre
- 24hr graphics, bezel markers, and GMT hand with X1 BGW9 SuperLumiNova® for mission timing
- Hours, minutes, seconds hand and 12-3-6-9 with X1 C3 SuperLumiNova® for daily timing



### Movement:

- High performance Swiss Made Sellita SW 330-2 adjusted to five positions. Rhodium plated, with 25 jewels and Incabloc shockproofing
- 28,800 bph/4hz
- Approximately 56hr power reserve
- Hours, minutes, sweeping centre seconds, 24hr/GMT hand with jumping synchronised adjustment
- Automatic winding with ball bearings
- Stop seconds device for precision time setting
- Typical accuracy: +/- ~5secs/day

Straps:

Bracelet:

- 316L marine grade stainless steel bracelet
- Solid links with screw in link pins and CNC machined endplates
- Deployant divers buckle with etched EB shield filled with X1 C3 SuperLumiNova®
- Slide out locking ratchet extension with five positions

Rubber strap:

- Bespoke cut-to-length hypoallergenic EPDM rubber strap with basketweave texture and EB shield logos
- Nylon reinforced endplates moulded to fit the case
- Diamond shaped breather holes and debossed hand drawn rope texture inside
- Double folding locking deployant buckle with etched EB shield logo
- Three micro adjustment buckle options





WATER RESISTANCE

Every Beachmaster® is tested at several points during production. The case is first non-destructively tested twice in air pressure to confirm manufacturing and assembly tolerances, and once assembled the completed watch is then tested in water to 30ATM/300m and placed on a hotplate to confirm watertightness.

Testing every watch during production means you can be confident that your watch is water resistant, because it's already been tested and approved before you use it.

The upper crown is permanently sealed in order to be fully waterproof at all times, but the lower crown (used to adjust the time and wind the watch) needs to be screwed down onto the case in order to be waterproof.

Please ensure the lower crown is fully screwed down at all times, and especially before use in water as water resistance is significantly reduced if it is left unscrewed.



LUMINOUS



Different luminous colours are used to differentiate between the timekeeping and timing functions.

Maximum contrast and low light performance is achieved by the use of bright longer-lasting X1 C3 green luminous for the everyday timekeeping functions, and X1 BWG9 used for timing-specific markers.



5 YEAR GUARANTEE

Your watch is covered under warranty against manufacturing defects for 5 years from date of original purchase.

The following warranty applies to watches sold by Elliot Brown directly or through an Elliot Brown Authorised Retailer only.

Should you experience an issue with your watch, please return your watch to us directly or contact your retailer to arrange for your watch to be returned to our Service Department.

Only Elliot Brown is entitled to perform service and warranty work for the purposes of this warranty. Any work undertaken by a third party watchmaker will invalidate this warranty.

In order for work to be carried out under warranty, you will be required to present, with your watch a dated proof of purchase showing when and where your watch was purchased.

You are responsible for any transportation costs, including but not limited to postage, packaging materials and insurance in returning your watch for repair. After warranted works are completed, your watch will be returned to you at no cost to you.

Following receipt and examination of your watch, if the work required isn't covered by this warranty, you will be contacted with a quote for the required repair. You will be responsible for such costs and, in those circumstances, the costs incurred in returning the watch to you whether or not such works are subsequently undertaken.

Our warranty does not cover crystals, straps and clasps, or defects and damage caused by:-

Theft, loss, fire, or damage through natural causes;

Deliberate misuse, negligence or accidents;

Improper use (blows, shocks, dents, scratches etc.);

Repairs/servicing not provided by Elliot Brown;

Regular wear and tear

To return your watch for servicing or repair please contact us via [service@elliottbrownwatches.com](mailto:service@elliottbrownwatches.com) or +44 (0) 1202 338600

Our address is:

Service Department  
Elliot Brown Ltd  
Lake Yard  
Poole  
Dorset  
BH15 4DT