



#### Technical details

Manufacturer	CYCLOS
Model	a.m./p.m.
Reference number	-
Movement	ETA 2892-A2, Automatic
Case	Stainless Steel
- Diameter	38,8 mm
- Height	12,8 mm
Crystals	Sapphire
Water resistance	50 m (DIN)
Band	Calfskin
Horn width	20 mm
Buckle	Folding buckle
Total weight	87 gramm
Price	5700 Euro

10:09 a.m. and 10:09 p.m. (22:09h):  
on a 'CYCLOS a.m./p.m.' there is no ambiguity between day and night

# The day has 24 hours

**The watches of Swiss company CYCLOS WATCH show a clear differentiation between day and night phases, – by means of an extending and retracting hour hand.**

It is generally known, that the day consists of 24 hours. Nevertheless, a normal watch has had a dial with a 12 hour display for centuries. Thus it is nearly impossible for the wearer, to see definitely whether it is day or night time, if the obvious natural clues are not evident. Certainly one solution of this problem is to arrange all hours in one circle – the so-called 24 hour dial. The disadvantage is: one has to change ones perception of the angles of the hands. With the CYCLOS watch you don't have this challenge. Thanks to a radially adjustable hour hand and an hour scale on a 'Pascal's spiral', it is clear whether the time shown is 'a.m.' (before midday) or 'p.m.' (after midday).

The development took more than 10 years; the pioneer is John C. Ermel. In 1989 the engineer, architect and designer (now Managing Director of Cyclos Watch), working on an order for a new watch design, had the idea of making the difference between the cycles of day and night obvious; by means of a radially adjustable hour hand. No sooner said than done! In 1999 John C. Ermel applied for Swiss patent on his idea, one year later for a worldwide patent. An idea and its realisation was completed and ready for display.

At first glance the dial is clear and informative and there is no problem to reading the time. But even so the clou of this chronometer needs further explanation. Now, this watch-reviewer or any other watch friend may think to himself: "I see the same on my watch, regardless of the fact that it is nine after ten a.m. or nine after ten p.m." But upon a closer look, he realises that each point on his scale marks both a day and a night hour, and the penny drops after taking the CYCLOS watch in his hand again.

One sets the hand to midnight – the knobby hour hand is then a short stump. From zero to midday it grows continuously. The following 12 hours till midnight it is in a perpetual process of shrinking. That the day consists of 24 hours is thus – by normal rotational speed – clearly and unmistakably readable.

On our test watch, the sporty 'a.m./p.m.' model, the hour scale is an unwinding spiral in red for a.m. (ante meridiem) and a contracting spiral in blue which shows the p.m. hours (post meridiem). The radial adjustable hour hand follows the eccentric curve consistently and precisely. Hour and minute hand are beside the luminous points and some Arabic numerals inlaid with celadon Super-Luminova. This also provides a long lasting afterglow in the dark. On account of this dial design with the double scale of the CYCLOS 'a.m./p.m.' the change from daylight into darkness can be seen simply by a glance at the watch. The excellent quality of the dial can be seen on the minute details, for instance the fine lines between the double scale and the anglage of the rehaut for the minute and second scale.

The Swiss company CYCLOS has not spared any cost and has used the highest quality components and elements. As motor, serves the automatic movement ETA calibre 2892-A2 with luxury finish (perlage, blue screws). The rotor is treated with Geneva stripes on which, despite being a little oversized, the manufacturer CYCLOS is suitably indicated. A chronometer certified movement runs even better than expected. In around two and a half months wearing time, under partly extreme every-day conditions (mowing lawns, laying terraces stones, 60 kilometres biking), the automatic movement with module shows a slight gain of not more than 22 seconds! Control testing by electronic timing machine shows the same results.

<b>Movement facts</b>	
Producer calibre	ETA 2892-A2
Base calibre	ETA 2892-A2
Produced since	1975
Diameter	25,6 mm
Height	3,60 mm
Jewels	21
Power reserve	46 hours
Balance	Glucydur
. Frequence	28800 A/h = 4 Hz
. Form	Closed rim
. Balance spring	Nivarox
. Form	flat
. Shock-absorbers	Incabloc
. Regulator	Etachron
. Stud support	movable
. Regulation	with tools
. Decoration	Geneva stripes, Perlage
Chamfered	no
Skeletonised	no
Screws	
blued/polished	yes/yes
Module	yes
. Manufacturer	CYCLOS
Chronometer	yes

A further pleasant surprise one can experience when screwing on the back. If this is put down on the case, it sits immediately without wobbling. The treatment of the three-part case is absolutely perfect. Bezel, horns and the back cover are polished, the middle part is somewhat stroked. The case is water resistant up to a depth of 50 meters.

After the back is screwed on again, one can turn again to the features of the watch. Alas – or fortunately – there isn't much to see. A crown with diameter just marginal over 5 mm does not perhaps quite meet the requirements of a watch aficionado. Aware of the fact the watch is likely to be adjusted, tested and set again and again, the crown is just too slippery. The black calf leather strap with blue and red stitching – referring to the spirals on the dial – is convincing. It is solid and supports the positive feeling of wearing a CYCLOS. The same goes for the folding buckle, which has a clean and robust finish.

To sum up, the CYCLOS with its patented DualPhase module for controlling the hour hand is an ingenious construction and a technically brilliant innovation, which goes beyond the mere utility value. The handicap of this fascinating watch is unfortunately its still unknown brand name – nearly every small company's problem. If a name manufacturer had such a model it would be its front runner and difficult for any prospective buyer to come around to deal with this product. Even so this product deserves more than just its niche and is in any case a recommended purchase.

<b>Test Results</b>	
Positive:	<ul style="list-style-type: none"> <li>- Innovative display technique</li> <li>- Chronometer certificate</li> <li>- Two sapphire crystals</li> <li>- Easy to read</li> <li>- Pleasant wearing comfort</li> <li>- High quality appearance</li> <li>- Fair price</li> </ul>
Negative:	<ul style="list-style-type: none"> <li>- Crown too slippery</li> </ul>

**Best score: 6**  
**Category: less than 10.000 Euro**

Text: Gerhard Seelen