



MARSHALL  
Original





## Marschall Original Milestones

**1996**

Christoph Maria Marschall founded the watch company near Frankfurt am Main.

The company started selling watches for blind people.

The relatively poor quality of existing timepieces with voice made them to search for an alternative. The company started working closely with the manufacturers to improve the quality and technology. The passion in designing and creating Marschall own timepieces is a logical consequence.

**2003**

The company presented the world's first Talking Radio Controlled Clock in Germany

**2005**

The team opened a new chapter in the history of watch making and began the challenge to develop the world first speaking radio controlled wristwatch.

**2008**

Following intensive research and product development, the revolutionary analog talking radio controlled watch was introduced to the German market.

**2009**

The talking radio-controlled table clock with wireless outdoor temperature sensor was presented in Germany.

**2010**

The world's first radio controlled travel talking alarm clock in pocket size was presented to the market.

**2013**

The analog hybrid solar talking radio controlled wristwatch was introduced to the market and this world premiere was the first speaking timepiece, at which no adjustments were necessary. It is always accurate to tell the correct time and date. The high energy consumption of the speech was now compensated by the energy of solar power.

**2014**

With the vision creating high-quality radio-controlled watches with new technologies, showing historical designs and modern styles, the exclusive line Marschall Original has been launched into the market.

The designs are done by using the latest CAD programs and passionate refined with great care. Marschall Original has introduced 4 world first radio-controlled watches.

**Planeo:** The first 3 hands sweep radio-controlled wristwatch

**Oido:** The first digital hybrid solar radio controlled talking wristwatch

**Illumino:** The first radio controlled divers watch with EL lighting

**Pilota:** The first Pilot radio controlled watch with 2 hands movement and separately small second

We look forward to seeing the upcoming surprise that Marschall Original has been put in the watch market in the future...

## The first digital hybrid solar talking radio controlled wristwatch



### Details

- Automatic adjustment for Time and Day by EU signal DCF 77
- Automatic adjustment daylight saving time
- Speaks the time and date clearly (at touch of a button)
- Black LCD with (Blue-Green) EL backlight display at the touch of a button
- Hybrid Solar Power
- Low power warning icon
- Mineral Curve Glass
- Shower proof
- 4 years – 1 CR2025 Battery
- Case size 32.5mm x 44mm
- Case Height 13mm



**OD.B.14**  
**Oido Negro**

IP Black Stainless Steel Case  
Black Leather Strap  
Black LCD Display



**OD.S.14**  
**Oido Acero**

Stainless Steel Case  
Stainless Steel Bracelet  
Black LCD Display



**OD.R.14**  
**Oido Rose**

IP Rose Gold Stainless Steel Case  
Brown Leather Strap  
Black LCD Display





**Details**

- Precision radio controlled movement
- Automatic adjustment for Time by EU signal DCF 77
- Automatic adjustment daylight saving time
- Accuracy +/- 1 sec in 1 Mio. Years
- Luminescent hands
- Low power warning
- Mineral Curve Glass
- W R 3 Bar
- 2 years - 1 CR1220 Battery
- Diameter 32.5mm
- Case Height 12mm



**CA.SW.14**  
**Clasica Acera**  
Stainless Steel Case  
Black Leather Strap  
Pearl White, Ornamental Stones



**CA.GW.14**  
**Clasica Oro**  
IP Gold Stainless Steel Case  
Brown Leather Strap  
White Carbon Look, Gold Index



**CA.RM.14**  
**Clasica Rosa Morena**  
IP Rose Gold Stainless Steel Case  
Brown Leather Strap  
Brown, Index and Ornamental Stones



**CA.RW.14**  
**Clasica Perla Rosa**  
IP Rose Gold Stainless Steel Case  
White Leather Strap  
Pearl, Rose Gold Index



**CA.SB.14**  
**Clasica Negra**  
Stainless Steel Case  
Stainless Steel Bracelet  
Black, Ornamental Stones





#### Details

- Precision radio controlled movement
- Automatic adjustment for Time by EU signal DCF 77
- Automatic adjustment daylight saving time
- Accuracy +/- 1 sec in 1 Mio. Years
- Luminescent hands
- Low power warning
- Mineral Curve Glass
- W R 3 Bar
- 4 years - 1 CR1620 Battery
- Diameter 41mm
- Case Height 13.2mm



#### CO.RB.14 Clasico Rose

IP Rose Gold Stainless Steel Case  
Brown Leather Strap  
Black, Rose Gold Roman



#### CO.SW.14 Clasico Acero Blanc

Stainless Steel Case  
Brown Leather Strap  
White, Index



#### CO.SB.14 Clasico Acero Negro

Stainless Steel Case  
Black Leather Strap  
Black, Silver Index



#### CO.GW.14 Clasico Oro Blanc

IP Gold Stainless Steel Case  
Black Leather Strap  
White, Black Roman



#### CO.SS.14 Clasico Acero

Stainless Steel Case  
Stainless Steel Bracelet  
Silver, Index





#### Details

- 2 gear boxes with Precision 2 hands and small second radio controlled movement
- Automatic adjustment for Time by EU signal DCF 77
- Automatic adjustment daylight saving time
- Accuracy +/- 1 sec in 1 Mio. Years
- Luminescent hands
- Low power warning
- Mineral Curve Glass
- W R 3 Bar
- 4 years - 1 CR2016 Battery
- Diameter 43mm
- Case Height 12.5mm



**DE.SW.14**  
**Doble Acero Blanc**

Stainless Steel Case  
Black Leather Strap  
White, Black Index



**DE.GW.14**  
**Doble Oro Blanc**

IP Gold Stainless Steel Case  
Brown Leather Strap  
White, Gold Index



**DE.SB.14**  
**Doble Acero Negro**

Stainless Steel Case  
Black Leather Strap  
Black, Silver Index



**DE.SR.14**  
**Doble Acero Romano**

Stainless Steel Case  
Black Leather Strap  
Pearl Silver, Black Roman



**DE.RB.14**  
**Doble Rose Negro**

IP Rose Gold Stainless Steel Case  
Brown Leather Strap  
Black, Rose Gold Index



The first Pilot radio controlled watch with 2 hands movement and separately small second



#### Details

- 2 gear boxes with Precision 2 hands and small second radio controlled movement
- Automatic adjustment for Time by EU signal DCF 77
- Automatic adjustment daylight saving time
- Accuracy +/- 1 sec in 1 Mio. Years
- Luminescent hands
- Low power warning
- Mineral Curve Glass
- W R 5 Bar
- 4 years - 1 CR2016 Battery
- Diameter 43mm
- Case Height 12.1mm



#### **PI.SB.14** **Pilota Acero Negro**

Stainless Steel Case  
Black Leather Strap  
Black Carbon Look, Silver Index



#### **PI.SS.14** **Pilota Acero**

Stainless Steel Case  
Brown Leather Strap  
Silver Carbon Look, Black Index



#### **PI.BC.14** **Pilota Negro GT**

IP Black Stainless Steel Case  
Black Silicon Strap  
Black Carbon Look, White Index



#### **PI.SC.14** **Pilota Acero GT**

Stainless Steel Case  
White Silicon Strap  
Silver Carbon Look, Black Index



#### **PI.BO.14** **Pilota Arancio**

IP Black Stainless Steel Case  
Black Leather Strap  
Black Sunray, Orange Index



# The first radio controlled divers watch with EL lighting



### Details

- EL luminous Precision radio controlled movement
- Automatic adjustment for Time by EU signal DCF 77
- Automatic adjustment daylight saving time
- Accuracy +/- 1 sec in 1 Mio. Years
- Luminescent hands
- Turning bezel, flanked crown
- Dial lights up at the touch of a button
- Low power warning
- Mineral Glass
- W R 10 Bar
- 8 years - 1 CR2032 Battery
- Diameter 46mm
- Case Height 16.1mm



**IL.BN.14**  
**Ilumino Negro**

IP Black Stainless Steel Case  
Black Silicon Strap  
Black, Arab Dial



**IL.SN.14**  
**Ilumino Acero Negro**

Stainless Steel Case  
Black Silicon Strap  
Black, Arab Dial



**IL.BI.14**  
**Ilumino Negro Claro**

IP Black Stainless Steel Case  
Black Silicon Strap  
Black, Index



**IL.SC.14**  
**Ilumino Acero GT**

Stainless Steel Case  
Black Silicon Strap  
Black Carbon Look, Arab Dial



**IL.BC.14**  
**Ilumino Negro GT**

IP Black Stainless Steel Case  
Black Silicon Strap  
Black Carbon Look, Arab Dial



# The first radio-controlled wristwatch with gently sweeping second hand

## Details

- Precision sweep radio controlled movement
- Automatic adjustment for Time by EU signal DCF 77
- Automatic adjustment daylight saving time
- Accuracy +/- 1 sec in 1 Mio. Years
- Luminescent hands
- Low power warning
- Curve metal dial
- Mineral Curve Glass
- W R 5 Bar
- 4 years - 1 CR2032 Battery
- Diameter 43.5mm
- Case Height 16mm



**PN.BI.14**  
**Planeo Negro Claro**  
Stainless Steel Case  
Black Leather Strap  
Black Curve, Silver Index



**PN.SI.14**  
**Planeo Acero Claro**  
Stainless Steel Case  
Brown Leather Strap  
Silver Curve, Rose Gold Index



**PN.GW.14**  
**Planeo Oro Blanc**  
IP Gold Stainless Steel Case  
Black Leather Strap  
White Curve, Black Roman



**PN.SN.14**  
**Planeo Acero Rose**  
Stainless Steel Case  
Brown Leather Strap  
Silver Curve, Rose Gold Index



**PN.BN.14**  
**Planeo Acero Negro**  
Stainless Steel Case  
Stainless Steel Bracelet  
Black Curve, Silver Index



### 1. What is Atomic Radio Controlled?

Radio-controlled atomic watches are the most precise timekeeping devices in the world. They keep time to the accuracy of more than one second in one million years. Until recently, atomic watches were only found in laboratories and special institutions and were very large and expensive. When various governments began to broadcast atomic, electronically encoded signals with their own national time, the accuracy of the atomic radio control watch became available to the general public. Recent technology enabled this process to be miniaturized and to be offered at a reasonable cost.

### 2. Why need a radio-controlled watch?

Correct Time is very important for your watch. Radio Controlled watch is the most precise watch in the world. Your watch is built to have regular signal reception from the atomic clocks transmitter that ensures your watch to keep time to the accuracy of more than one second in one million years.

### 3. Where does the time come from?

Various Governments have built the transmitter to broadcast the atomic time.

- Near Frankfurt, Germany, transmits the frequency of 77.5 kHz (DCF 77) covering most of Western and some of Central Europe.
- Anthorn, UK, transmits the frequency of 60.0 kHz (MSF) covering all of the United Kingdom.
- Fort Collins, Colorado, transmits the frequency of 60.0 kHz (WWVB) covering all four zones in the continental USA.
- Fukushima in the North East and Fukuoka in the South West, Japan, transmits the frequency of 40.0 kHz and 60.0 kHz (JJY) covering most parts of Japan and some parts of Korea.
- Shangqiu, China, transmits the frequency of 68.0 kHz (BPC) covering most part of China.

Your Marshall Original radio-controlled watch decodes the relevant signal and displays the exact local time.

### 4. What happens when you travel?

All Marshall Original radio-controlled watches are easy to set to the relevant time outside of your local transmitters. They continue to work as normal quartz watches.

Some Marshall Original models are even equipped with the global radio controlled technology and receive signals from Germany, Great Britain, USA and Japan (covers most area of Japan, Korea and parts of China).

