

PRESS RELEASE
July 2018

Always ticking more precise.



The new Junghans Meister MEGA is a masterpiece of style and precision.

An expressive design, an intelligent radio-controlled manufacture movement and over 150 years of experience in watchmaking. These three components form the foundation for the latest development from Junghans: the Meister MEGA. A watch created by the designers in Schramberg, with a movement developed by the company's in-house engineers. The design follows the tradition of the Meister line. A balanced dial with harmonious proportions bears witness to the elegant style of the timepiece. The continents depicted on the watch are an indication that the Meister MEGA is at home in the world.

The new J101 radio-controlled movement of the Meister MEGA guarantees absolute precision everywhere. The basis for this is four years of development work and the radio control technology know-how acquired over the course of over three decades. The movement as a whole comprises



a total of 146 components, which are tested to the strictest precision criteria. For example, the plate is tested at 1,462 measuring points to an accuracy of 5 micrometres. This accuracy in production is also reflected in the accuracy of the watch. On three continents the time is received via a time signal with a deviation of just 0.006 seconds in one million years. If the watch is outside of the reception range, it continues to run automatically with the accuracy of an especially precise quartz movement - with a maximum time deviation of 8 seconds a year. Junghans' know-how is evident above all in the technology, developed in Schramberg, that provides for the convenient

handling of the Meister MEGA. The ITC technology (Intelligent Time Correction) ensures that the position of the second hand is compared with the most recently received time information 1,440 times per day - and adjusted when necessary. Even greater accuracy comes from the SHM technology (Smart Hand Motion), which ensures that the watch is even more precise, thanks to the half-second steps of the second hand. In addition, the movement of second and minute hands and the changing of the date are triggered a fraction of a second before the time change - for the most accurate display of the actual time. The wearer can rely on correct date changing at all times, as the display also shifts automatically from the last day of the month to the 1st day of the following month when the watch is in quartz mode, or when there are 30 or fewer days in the month.

The Meister MEGA from Junghans is not just precise, it is also convenient to operate. Time synchronisation of the movement takes place automatically every day. When travelling to another time zone, the time can be adjusted via the crown, either in hourly steps or by using the stored time zones - without losing the precision of the seconds. In addition, wearers also have the option of setting the watch to their individual time when outside of the reception areas, using the Junghans MEGA App.



The Meister MEGA from Junghans – a timepiece that combines style and precision worldwide.

Meister MEGA Features



- Movement:** J101.65 multi-frequency radio-controlled movement
- Functions:**
- Hands position control via ITC (Intelligent Time Correction)
 - Exact time display in half-second steps via SHM (Smart Hand Motion)
 - The Advanced Moving Function (AMF) enables the display of the actual time without deviation
 - Smart time setting via the Junghans MEGA App (October 2018)
 - Automatic search of time signal transmitter across 5 frequencies with the patented Junghans autoscan
 - Time zone setting precise to the second
 - Date display with perpetual calendar (also in quartz mode)
- Case:** Stainless steel Ø 38.4 mm, height 9.6 mm, 5-times screwed stainless steel back with tinted mineral crystal, domed sapphire crystal with anti-reflection coating on both sides
- Dial:** Anthracite with sunray brush
The dial features a world map and reception instructions
- Hands:** Hands with environmentally-friendly Superluminova luminous substance
- Strap:** Stainless steel bracelet with folding clasp
- Water resistance:** Up to 5 bar

Meister MEGA Features



- Movement:** J101.65 multi-frequency radio-controlled movement
- Functions:**
- Hands position control via ITC (Intelligent Time Correction)
 - Exact time display in half-second moves via SHM (Smart Hand Motion)
 - The Advanced Moving Function (AMF) enables the display of the actual time without deviation
 - Smart time setting via the Junghans MEGA App (from October 2018)
 - Automatic search of time signal transmitter across 5 frequencies with the patented Junghans autoscan
 - Time zone setting precise to the second
 - Date display with perpetual calendar (also in quartz mode)
- Case:** Stainless steel or rose gold-coloured PVD-coated, Ø 38.4 mm, height 9.2 mm, 5-times screwed stainless steel back with metallised mineral crystal, printed with a world map and reception instructions. Domed plexiglas with coating for enhanced scratch resistance, exchange to sapphire crystal possible.
- Dial:** Matt silver-plated or midnight blue with sunray brush
- Hands:** Hands with environmentally-friendly Superluminova luminous substance
- Strap:** Horse leather strap with stainless steel or rose gold-coloured PVD-coated buckle
- Water resistance:** Up to 3 bar

J101.65 Technical data



Type:	Multi-frequency radio-controlled movement
Reception range:	DCF77, MSF, JJY40, JJY60, WWVB
Frequency:	32.768 Hz
Power:	3 motors
Diameter:	28.0 mm
Height:	3.85 mm
Jewels:	6
Display:	Hour, minute, central second, date
Date shift:	Direct drive forwards and backwards Real time display without deviation via Advanced Moving Function technology (AMF)
Hand movement	Forwards and backwards
Hand shift:	Exact time display in half-second steps via Smart Hand Motion technology (SHM) Real time display without deviation via Advanced Moving Function technology (AMF)
Battery:	CR1025 (3V) battery
Battery lifetime:	2 years
Rating deviation	In radio-controlled mode, max. rating deviation 0.02 seconds In quartz mode +/- 8 seconds/year

Functions

Time zones:	Convenient setting of all current time zones via crown
Radio reception:	Automatic and manual time signal synchronisation
Hand position control:	Intelligent Time Correction (ITC) The patented light barrier system compares the position of the second hand 1,440 times per day with the time information last received. In addition, the position of hour and minute hands is compared daily, the position of the date once a month. A correction occurs when required.
Autoscan:	Patented, automatic search of time signal transmitters DCF77, MSF, JJY40, JJY60, WWVB
Calendar:	Perpetual calendar, even in quartz mode, until the year 2400
Function without radio reception:	Same scope of function on the basis of a highly-precise quartz movement with perpetual calendar
Energy saving mode:	Sleep mode
Operating function:	Low battery display



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Junghans – Live your style

Junghans has been giving a face to time for over 150 years. The attention to detail, the high demands on design and quality and generations of technical expertise have characterised the products of Uhrenfabrik Junghans since it was founded in 1861. Values that form the foundations for the success story of the company from Schramberg in the Black Forest. In 1903 Junghans was the largest clock manufacturer in the world, with over 3,000 employees. The development of precision movements made the company the largest German manufacturer of chronometers in 1951 and the third largest worldwide in 1956. In 1972 Junghans was the official timekeeper of the Olympic Games in Munich, setting new standards in timekeeping. After an eventful and turbulent company history, the Schramberg businessmen Dr. Hans-Jochem and Hannes Steim became the new proprietors of the venerable company in 2009, ushering in a new era of growth. Junghans still produces all of its watches on the historical company site. In 2018 the terrace building has been revived for its 100th birthday. In this monument to industrial architecture, long the light-flooded centrepiece of Junghans watch production, the tradition of watch and clockmaking in the Black Forest can be experienced in the form of a museum. The current collection also references the long tradition of the company in design and watchmaking - transported to the present in contemporary form. For example, with the Meister watches, which have been manufactured since the 1930s, or the timepieces of Max Bill. These Bauhaus classics were first created in 1956 in collaboration with the Swiss designer – and are still produced to his designs in almost unaltered form today. In 1990 Junghans set new standards with the invention of the first radio-controlled wristwatch – a technology that is making its mark once again in 2018 with a new generation of intelligent, Schramberg-made radio-controlled movements of great precision and accuracy. The clear design language of the Junghans watches is a constant factor throughout the history of the company. The latest indication of this can be found in the stylish models of the FORM family, with their reduced simplicity. For over 150 years now Junghans watches have combined watchmaking and design expertise on the wrist. Style made tangible.