



HARRY WINSTON

HARRY WINSTON MIDNIGHT MINUTE REPEATER

At the very pinnacle of the hierarchy of traditional complications is the minute repeater, a timepiece that chimes the time "on demand." The Harry Winston Midnight Minute Repeater re-imagines the classic beauty and compelling artistry of this most noble of complications to create a minute repeater whose unusual design combines all the romance of traditional repeaters, with a visual feast that could only have come from Harry Winston.

The minute repeater is unique among complications because all other complications are essentially extensions of the basic visual nature of telling time. But in fact, the very first clocks ever made may have told the time not visually, but acoustically, by chiming the hours. To work its magic, the repeater mechanism has to "read" the time told by a watch, and translate that into sound. To ring the hours, quarter hours, and minutes on two gongs, a repeater functions uses an incredibly complex system of racks and levers to first determine the position of the hour and minute hands, and then cause two hammers to strike the two hardened steel circular gongs in a precise sequence. No two repeaters are alike. The tempo, tone, and volume of each are the result of laborious hand-adjustment, and so, each repeater is a unique work of art.

The Harry Winston Midnight Minute Repeater allows its owner to experience both the musical magic, and the mechanical fascination, of this remarkable complication. The dial is designed in such a way as to make a number of the most critical repeater components visible, allowing the wearer to observe them in operation. The excentered hours and minutes dial permits two large apertures in the dial which expose the normally hidden repeater mechanism, and also allow the hammers to be seen as they strike the gongs.

This type of construction is unusual –in most repeaters, the gongs and hammers are located at the back of the watch and if visible at all can only be seen by taking the watch off the wrist; the actual repeater mechanism is usually hidden under the dial. Here, the full sequence of events in the actuation and functioning of the repeater is made both visible, and audible, from the movement of the beautifully hand-finished levers and racks, to the striking of the two hammers –embellished discreetly with the letters *H* and *W* –on the circular gongs. The gongs themselves form two spirals which lead the eye through the gracefully nested circles from which the dial is composed.

The complexity of the movement reflects the sophistication of the complication. Harry Winston's caliber HW1006 is composed of 369 parts, with all the beauty that only the finest hand-finishing can create. Offered as a limited edition of only 20 pieces in 18K rose gold, and 20 pieces in 18K white gold, the Midnight Minute Repeater is a feast for the eyes, music to the ears, and a spectacular new star in the Midnight Collection's constellation of fine watchmaking.



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Technical Specifications

Name	Harry Winston Midnight Minute Repeater
References	MIDMMR42WW004 MIDMMR42RR0003
Movement Caliber	HW1006
Type	Mechanical, manual winding
Dimensions of movement	· Diameter: 25.5 mm · Height: 5.5 mm
Number of components	369 components
Number of jewels	34 rubies
Power reserve	38 hours
Barrel	1 barrel
Balance wheel	Variable-inertia balance
Alt. / hour	21'600 (3Hz)
Balance spring	Flat spring
Main plate	Hand-chamfered, circular graining, fine shotpeened
Movement finish	· Côtes de Genève · Hand-polished chamfers · Hammers with HW positive mark
Functions	· Hours, minutes · Minute repeater



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Case Material Finish	<ul style="list-style-type: none">· 18K white gold or 18K rose gold· Polished, Harry Winston triple arches at 3 o'clock
Case dimensions	<ul style="list-style-type: none">· Diameter: 42 mm· Height: 11.6 mm
Crystal	Sapphire
Case back	Sapphire-crystal display back
Water resistance	30 meters
Crown	<ul style="list-style-type: none">· Polished 18K white gold or 18K rose gold· Embossed HW logo
Dial	<ul style="list-style-type: none">· Black circular satin brush finished base· Large opening on the hammers, located on the outside of the movement· Applied, excentered hours and minutes with broad snail finish at the center, metallic smoked sapphire effect, transferred indexes, rhodium plated or rose gold bevels
Strap	Hand-sewn black alligator leather
Buckle	18K white gold or 18K rose gold folding clasp
Limited Edition	20 pieces in 18K white gold and 20 pieces in 18K rose gold
Collection	Harry Winston Midnight Collection™