

Training Clocks with stopwatch mode

indoors, water protected, with minute and second hands



Indoor
analog
single face

Type series
435



Also available
“resistant
to thrown balls”



41.435.611 shown

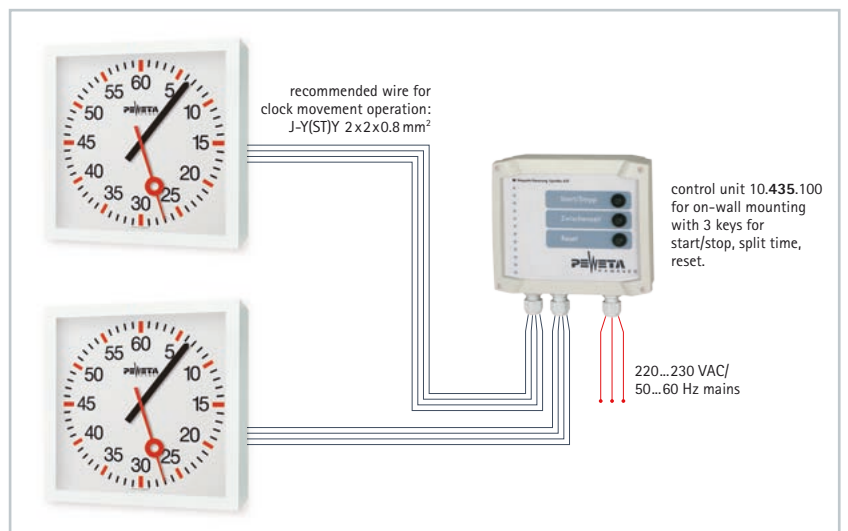
Training clocks for sport training. Start/stop/reset/split time functions allow indication of elapsed time in minutes and seconds.

For parallel operation of 2...4 training clocks, the slave clock type connected to the central control unit 10.435.100 or 10.435.200 is recommended. Thus an identical display (synchronous time) is always guaranteed on all training clocks connected.

LED digital clocks with start/stop functions

see pages 152 and 153.

Diagram shows 2 training clocks 41.435.611 with control unit 10.435.100



Case

■ cir. 600x600 mm
very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below. A stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), blasted and additionally coated with a protective varnish, is available as an option. Clock movement protected according to IP 54 (EN 60 529).

Resistance to thrown balls acc. to DIN 18 032, part 3 (option)

Wrench-off-proof mounting fixture and two-ply laminated mineral safety glass, thus suitable for schools, gymnasiums and other sporting facilities when durably mounted on-wall.

Clock types

■ Quartz movement, battery operated (2x1.5 V "Alkaline" LR 20, included). **Portable, therefore suitable for mobile use.**

Shipment includes a hand-held remote with 3 buttons for start/stop, reset, split times, 2 m connection wire. With carrying handle. 2 pivoted feet ensure a firm position of clock on the ground. Or wall mounting.

■ Quartz movement, mains operated 230 VAC

Recommended for durable on-wall mounting.

Shipment includes a radio control unit protected against dust and spray with 3 buttons for start/stop, reset, split times. Wall mounting and fixed power supply only, incl. wrench-off-proof 3-point mounting fixture.

■ Slave movement, pulse operated 24 V. To be operated by control unit 10.435.100 or 10.435.200 only.

Recommended parallel operation of up to 4 training clocks.

Wall mounting only, incl. 3-point mounting fixture. Control unit 10.435.100 or 10.435.200 is required for operation (detached mounting point, fixed connection).

Face

High distinction white metal with red/black minute and second bars and black numerals for easy, doubt-free reading. Reading distance cir. 30 m.

Hands

Black minute hand. Red second hand with "eye", intervals in second cycles.

Front glass

Flat shock-resistant Plexiglas® XT (PMMA) as standard.

Stainless steel V4A + varnish (option)

V4A quality stainless steel with an additional coat of protective varnish is outstandingly resistant to acids and other chlorous media and is therefore particularly suited for public swimming pools as well as for the chemical industry.

Technical data	
Operating power (quartz clock type, battery operated)	2 x 1.5 V Mono/LR 20
Operating power (quartz clock type, mains operated)	220 ... 230 VAC
Operating power (slave clock type, pulse operated)	24 V minute/sec. pulses
Duration of operation in permanent use (battery operated)	cir. 1,000 hours
Intervals	second cycles
Dial sections	0 ... 60
Reading distance	cir. 30 m

Clock type	Item No.	€ each
Quartz clock, battery operated 2 x 1.5 V, To be operated by wire-bound control unit	41.435.611	1.298.-
Quartz clock, mains operated 230 VAC, To be operated by hand-held radio control unit	42.435.611	1.598.-
Slave clock, minute/second pulse 12/24 V To be operated by separate control unit (see accessories)	71.435.611	759.-

Accessories	Item No.	€ each
Control unit for up to 4 training clocks 71.435.611, operating power 220 ... 230 VAC/50 ... 60 Hz, stationary control with with buttons for start/stop, reset, and split times	10.435.100	695.-
Control unit for up to 4 training clocks 71.435.611, operating power 220 ... 230 VAC/50 ... 60 Hz, with hand-held radio control unit (IP 54) for start/stop, reset, and split times	10.435.200	1,095.-
Additional hand-held radio control unit, battery operated, protected against dust and spray (IP 54), for Quartz clock 42.435.611 or control unit 10.435.200	02.435.111	195.-

Options	Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	49.-
Case enamelled in metallic dark gun metal DB 703	-06	49.-
Case custom enamelled	-10	on request
Case stainless steel V4A, blasted and varnished	-22	650.-
Custom logo on clock face	-47	on request
Resistance to thrown balls acc. to DIN 18032, part 3 (types 42.435.611 and 71.435.611 only)	-59	169.-



Case colour	Suffix
metallic silver grey RAL 9006	-05
dark gun metal DB 703	-06
custom enamelled	-10
stainless steel V4A + clear varnish	-22

▶ Clock cases made of stainless steel V4A, matted and varnished (option), are resistant to saltwater and other media containing chlorine. They are therefore excellently suited for permanent use in public swimming pools.



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435



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see pages 152 and 153.