



SEIKO

Marine Clock SYSTEM



SEIKO QC-6M5

The Seiko Marine Clock is literally the result of Seiko's many years of experience and achievements in its determined pursuit of accuracy and reliability, and horological fine arts and the most advanced electronics are assimilated in it.

Marine Master Clock QC-6M5/QC-6M4

- 1/High-accuracy crystal clock
 - Highly accurate crystal is built in and a Secondary Clock group inboard is driven by the signal of accurate time. Signals for loggers are available.
- 2/The power supply automatically switched from AC to DC in case of AC failure.
- 3/As for the setting of Local Time (LT), an automatic time adjusting by an adjust key is available.
- 4/It is possible to correct accumulated error (within ±30 second) by the 0-second adjust button without interrupting the operation.
- 5/It equips with the digital signal input/output* in accordance with NMEA0183 format.
- 6/The Liquid Crystal Display (LCD) and Secondary Clock Monitors* are illuminated with dimmer.
- 7/The active operation can be monitored on the LCD.
- 8/A space-saved design and easy operations have been achieved by adopting a thin movement and the microprocessor.

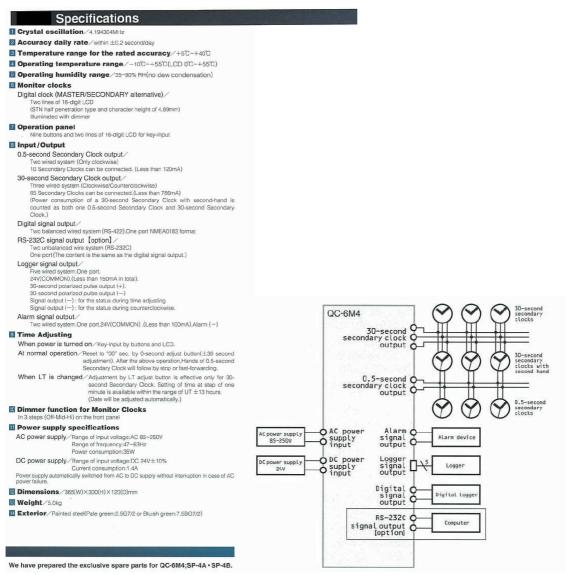
* Available on QC-6M5 only.



1



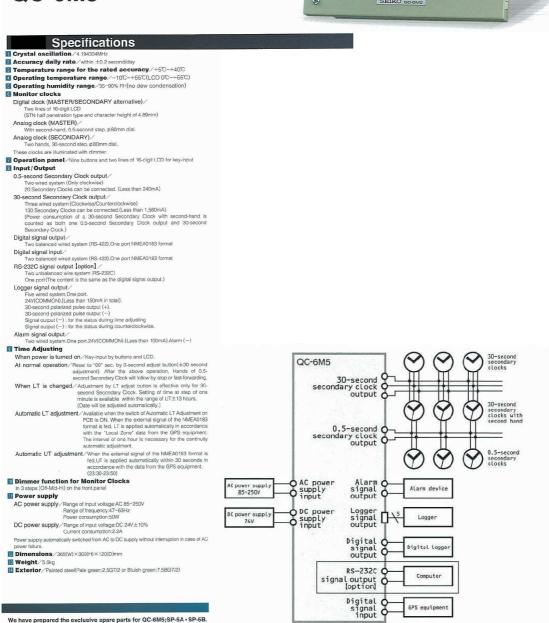












uller International Communication



0.5 second secondary clock



MC-001

For UTC Wall-mounting type

Dimensions : Diameter φ 220mm Dial φ 145mm Frame : Pale green(2.5G7/2) or Bluish green(7.5BG7/2) Hand driving : Second hand 0.5-second Minute hand sweep



MC-002

For UTC Wall-mounting type

Dimensions : Diameter φ.220mm Dial φ.145mm Frame : Pale green(2.5G7/2) or Bluish green(7.5BG7/2) Hand driving : Second hand 0.5-second step Minute hand sweep



MC-003 For UTC Panel-mounting type

Dimensions : Diameter φ173mm Dial φ145mm Frame : Chrome-plated Hand driving : Second hand 0.5-second step Minute hand sweep



MC-004

For UTC Panel-mounting type

Dimensions : Diameter ϕ 173mm
Dial ϕ 145mm

Frame : Chrome-plated

Hand driving : Second hand 0.5-second step
Minute hand sweep

30 second secondary clock with second hand



MC-005

Wall-mounting type

Dimensions : Diameter ϕ 220mm Dial ϕ 145mm Frame : Pale green(2.5G7/2)
or Bluish green(7.5BG7/2)
Hand driving : Second hand 0.5-second step
Minute hand 30-second step



MC-006

Wall-mounting type with EL (orange)

Dimensions: Diameter ϕ 220mm Dial ϕ 145mm Frame: Pale green(2.5G7/2) or Bluish green(7.5BG7/2) Hand driving: Second hand 0.5-second step Minute hand 30-second step



MC-007

Panel-mounting type

Dimensions : Diameter ϕ 173mm Dial ϕ 145mm Frame : Chrome-plated Hand driving: Second hand 0.5-second step Minute hand 30-second step



MC-008

Panel-mounting type with EL (orange)

Dimensions : Diameter φ 173mm Dial φ 145mm Frame : Chrome-plated Hand driving : Second hand 0.5-second hand 30-second



4

uller **International Communication**



30 second secondary clock



MC-050 Wall-mounting type

Dimensions : Diameter φ220mm×244mm Dial φ168mm

Frame : Plastic

Frame color : Pale green(2.5G7/2) or Bluish green(7.5BG7/2)



MC-011

Wall-mounting type with EL (orange) and dimmer switch

Dimensions : Diameter φ220mm Dial φ145mm

Frame : Steel
Frame color : Pale green(2.5G7/2)
or Bluish green(7.5BG7/2)



MC-012

Drip-proof Wall-mounting type

Dimensions : Diameter φ 220mm Dial φ 145mm

Frame : Steel

Frame color : Pale green(2.5G7/2) or Bluish green(7.5BG7/2)



MC-013

Panel-mounting type

Dimensions : Diameter φ 173mm Dial φ 145mm

Frame : Steel
Frame color : Chrome-plated



MC-014

Panel-mounting type with EL (orange)

Dimensions : Diameter φ 173mm Dial φ 145mm

Frame : Steel
Frame color : Chrome-plated



MC-015

Decorative wall-mounting type

Dimensions: 350(H)×250(W)×40(D)mm Hand: Aluminium, silver metallic painted Hour-mark: Brass, silver metallic painted Dial : Steel semi mat black painted



MC-016

Decorative wall-mounting type

Dimensions: 300(W)×210(H)×65(D)mm Hand: Aluminium, silver metallic painted Hour-mark: Brass, silver metallic painted Dial: Plywood, walnut finish



MC-016C

Decorative wall-mounting type

カバー/透明アクリル

Dimensions: 300(W)×210(H)×65(D)mm Hand : Aluminium, silver metallic painted Hour-mark : Brass, silver metallic painted Dial : Plywood, walnut finish Dial cover : Transparent acrylic resin



5



30 second secondary clock



MC-017 Decorative wall-mounting type

Dimensions : ϕ 260 × 45(D)mm Dall : Aluminium hairline finish Frame : Steel, semi mat black painted



MC-018

Double faced bracket type

Dimensions : Main body: 275(W)×275(H)×190(D)mm Flange: 230(W)×180(H)×50(D)mm

Frame color : Pale green(2.5G7/2) or Bluish green(7.5BG7/2)



MC-019

Double faced bracket type

Frame color : Pale green(2.5G7/2) or Bluish green(7.5BG7/2)

Dashboard type secondary clock



MC-022

Dashboard type (without case) with EL (orange)

 $\begin{array}{c} \textbf{Dimensions}: \ \textbf{Diameter} \ \ \phi \ \textbf{218mm} \\ \textbf{Dial} \ \ \phi \ \textbf{180mm} \\ \textbf{Hand driving}: \ \textbf{Second hand 0.5-second step} \\ \hline \textbf{Minute hand 30-second step} \end{array}$



6



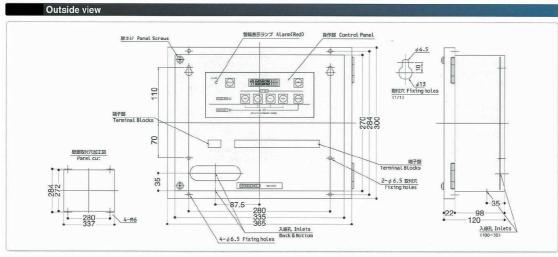
INSTALLATION AND WIRING

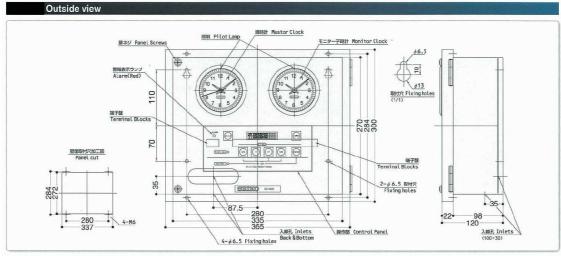
For installation of the master clock, prepare four stud bolts on the wall. For the laying of input and output cables and for the purpose of internal inspection, it is a space which allows the clock cover to turn 90° on the right hinge. Connect the cables to the terminals inside the clock through the coaming in the wall or at the bottom.

The cables required are as follows.

- Power supply AC 100V~AC 240V :1 circuit (2 conductors)
- Power supply DC 24V:1 circuit (2 conductors)
 30-second secondary clock (DC 24V):clockwise and counterclockwise 1 circuit (3 conductors)
- *30-second secondary clock w/second hand (DC 24V):1 circuit (5 conductors)
 *0.5-second secondary clock (DC 24V):1 circuit (2 conductors)
 *Logger signal output:1 circuit (6 conductors)

- RS-422 signal input:1 circuit (2 conductors). Only for QC-6M5
 RS-422 signal output:1 circuit (2 conductors)
- •RS-232C signal output:1 circuit (2 conductors). [option]









QM-10 CHRONOMETER

