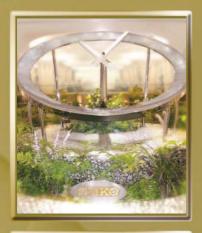
SEIKO

SYSTEM CLOCKS Catalogue





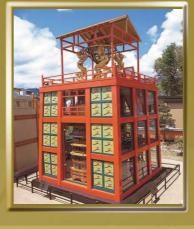














SEIKO TIME SYSTEMS INC.

MASTER CLOCK (GPS Synchronization)

RACK-MOUNT TYPE

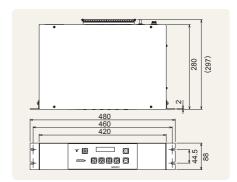




*GPS-100 is available separately

QCG-100 PM

- QCG-100 is a master clock which is capable of receiving the precise time information from GPS (Global Positioning System) operated by the U.S. and can retain a high-accuracy in the internal clock at all times.
- Exclusive GPS antenna with receiver unit (GPS-100) is available separately to make a time correction for the internal clock in the QCG-100 periodically.
- QCG-100 is capable of making analog secondary clocks activate directly and synchronizing them with a precise time.
- **QCG-100** is capable of generating time data (in accordance with RS-422) for digital secondary clocks and other computer systems.
- Automatically time synchronization with GPS (Global Positioning System).
- Time Accuracy when synchronized by GPS signal is within ±5ms.
- Exclusive GPS antenna with receiver unit can be purchased separately.
- High-accuracy crystal clock inside (Accuracy daily rate: within ±0.1s).
- Rack-mounting type complied with EIA (Electronic Industries Alliance) Standard.
- Maximum 110pcs. of secondary clocks can be activated.
- Both Two hands and Three hands secondary clocks can be activated.
- Serial data signal output (RS-422) is available to synchronize digital clocks and so on.
- Liquid Crystal Display (LCD) with dimmer function for monitor clock in 3 steps (off-mid-hi) on the front panel.
- Daylight saving time and leap time can be set by key input.
- Time adjustable with Time Server (SNTP) through LAN (RJ45) as an optional extension system (QCG-100N).
- \blacksquare Signal auto changer unit QCG-100SC is available as an option for the dual master clock (QCG-100) operation.



CONTENTS		NTS	SPECIFICATIONS		
MASTER	Input / Output Signals	1-sec. polarized signal	Controlled by 2 wires (only clockwise) (Max. 110pcs. of analog secondary clocks can be connected, together with analog secondary clocks of 30-sec. signal.)		
		30-sec. polarized signal	Controlled by 2 wires (only clockwise) (Max. 110pcs of analog secondary clocks can be to connected, together with analog secondary clocks of 1-sec. signal.)		
		GPS I/F	Data input: Serial data (in accordance with RS-422) 1PPS input: Received by 2 wires Power supply: DC 5V (powered by QCG-100) Sealed: 1 wire *To be connected the exclusive GPS antenna with receiver unit (GPS-100). Available separately. *To be connected with 6 sealed wires cable (as an option).		
		Serial data signal output	RS-422 : Time information (Year / Month / Day / Date / Hour / Minute / Second) in SEIKO format shall be sent every second.		
	Crystal oscillator frequency		32.768kHz		
	Time accuracy		within $\pm 0.1 \mathrm{s} / \mathrm{day} (0^{\circ}\mathrm{C} \! \sim \! +40^{\circ}\mathrm{C})$		
CLOCK	Time accuracy whe	n synchronized by GPS signal	within ±5ms		
	Frequency of synchronizing with GPS signal		Every 10 min.		
	LCD display		16digits 2 lines with back light		
	Operation unit		8keys		
	How to adjust the time		When powering on : Automatic setting by GPS or manual setting by key input When operating : Periodical and automatically synchronization by GPS signal or manual setting by key input Setting for Time difference : Manual setting by key input *Against UTC, time difference from -12h to +14h can be set by minutes.		
	Daylight saving time		Manual setting by key input		
	Leap second		Manual setting by key input		
	Over current protection		Power input : Non-fuse breaker Internal circuit : Fuse 5A Secondary clock signal output : Non-fuse breaker		
	Alarm detection		If this product detects a decrease in voltage in internal circuit and NFB in secondary clock signal output, the ALARM LED lamp lights up.		
Power supply			AC85~264V, 47~63Hz		
Power consumption		·	50W		
Operational temperature and humidity range		nd humidity range	$0^{\circ}\text{C} \sim +50^{\circ}\text{C}$ / $20\sim 90\%$ with no dew condensation		
Dimensions			QCG-100 : W480 \times H88 \times D280mm (excluding protruded portion) GPS-100 : W142 \times H67 \times D110mm (with a 1m cable)		
Material			Steel with pearl-gray painted		
Weight			OCG-100 : Approx. 3.5kg GPS-100 : Approx. 420g		

MASTER CLOCK (QUARTZ)

WALL-MOUNT TYPE



OC-55301 / 55302

QC-5500 Series

QC-55101/55102 669

QC-55201/55202 605

QC-55301/55302 609

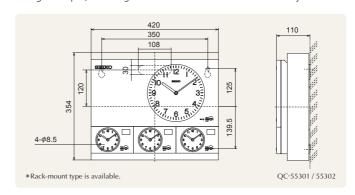
SEIKO QC-5500 Series is a high-precision quartz master clock. By connecting with an external master clock generating 30-sec polarized signal output, time correction can be made. Models operating on AC 110V (QC-55X01) and AC 220V (QC-55X02) are available.

(1) Master clock function (QC-5510X, QC-5520X and QC-5530X)

Up to 30 secondary clocks can be connected to each channel (if the current consumption of each secondary clock is 12mA).

(2) External synchronization function

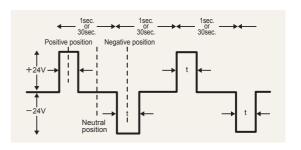
By connecting with an external master clock generating 30-sec polarized signal output, the loss/gain of the clock is corrected automatically.



CONTENTS		TENTS	SPECIFICATIONS			
FUNCTIONS	Model No.		QC-55101 / QC-55102	QC-55201 / QC-55202	QC-55301 / QC-55302	
FUNCTIONS	Number of secondary clock circuits		1 circuit	2 circuit	3 circuit	
	Crystal oscillator frequency			4.194304 MHz	•	
	Time accuracy		Weekly rate of less than ± 0.7 seconds ($+5^{\circ}$ C $\sim +35^{\circ}$ C); no accumulated error after time correction			
	Time Master clock		Year, month, date hour, minute, and seconds; and Digital display in 24-hour indication (not displayed during power failure)			
	display	Monitor clock	30-second interval hand movement			
	Time	Master clock	Setting of year, month, date, hour, minute and seconds			
	setting Monitor clock		60X speed quick advance of hands by APC system			
	Daylight saving time		Setting of year, month, date and hour for start date, and month, date and hour for end date			
		Driving signal	DC 24V 30-s	DC 24V 30-sec. polarized signal; Pulse width of 0.5-sec.; No-contact		
MASTER CLOCK		Max. number of secondary	30 units	60 units	90 units	
GLUGK	Secondary	clocks to drive	12mA / unit ; 30 units / circuit			
	clock	Maximum driving	360mA	720mA	1,080mA	
	driver	capacity	360mA / circuit			
	ulivei	Backup power	DC 24V; Built-in sealed Ni-Cd rechargeable battery			
		Battery protection	Overdischarge prevention circuit			
		Signal voltage detection	Signal voltage stopper	function (stops output when second	ary clock driving voltage lowers)	
	External synchronization		DC 24V 30-sec. polarized signal; Every hour except 7, 19, 0, and 12 o'clock; Synchronizable loss/gain range Less than 15 seconds			
	Synchronization output		RS-422			
Power si	upply		QC-55X01 : AC 110V \pm 10 $^{\circ}$	% or DC 24V \pm 10% QC-55X02 :	AC 220V \pm 10% or DC 24V \pm 10%	
Power c	onsumption		21W	32W	42W	
Power fa	ailure	Master clock	Approx. 5 years (no indication on digital display, counting by internal clock only)			
backup		Secondary clock driver	30 hours (in case of power failure of more than 30 hours, hands are adjusted automatically after recovery.)			
Operational temperature range and humidity range		e range and humidity range	-10°C~+50°C / 20~80% with no dew condensation			
Dimensions			W420×H354×D110mm			
Material			Front panel : ABS and stainless steel, pea	ırl gray with a slight gloss Rear p	anel: Stainless steel, pearl gray with a slight gloss	
Weight			Approx. 7.0kg	Approx. 7.2kg	Approx. 7.5kg	
Accessories			Plastic foot, 4 pcs; Miniature fuse; Instruction manual; Mounting hole drilling template; and Insulated crimp terminal			
Options			Rack-mounting fittings (in accordance with EIA Standard)			

How to Drive Secondary Clocks Accuracy and Synchronization of Secondary Clocks

The role of the secondary clock in a time-keeping system is to accurately reproduce the time signal supplied by the master clock. The master clock and secondary clocks are connected electrically , and the Crystal oscillator frequency of 32.768kHz or 4.194304 MHz/sec. from the master clock is reduced in several stages by the frequency diving LSI and finally transmitted to the secondary clock as a 1-sec. or a 30-sec. polarized signal of ± 24 V DC. The secondary clock converts this electrical signal into mechanical energy and, with the same precision as the master clock, simultaneously displays the correct time.



INDOOR SECONDARY CLOCK(24V)

Current consumption of a wall type and a recessed type secondary clock is 12mA. Input signal of a wall type and a recessed type secondary clock is 30-sec. polarized signal / DC 24V. (*F-001 is 1-sec. polarized signal / DC 24V.)

260-mm Diameter Round Type



SC-200C

00 2000 D
Dial — Steel, White
Hour marker — Black
Hands ——— Aluminum, Blaci
Frame ——— Steel, Cream
Thickness —— 40mm
Weight ——— 1.0kg



SC-201 @#S

Dial	Aluminum, Silver
Hour marker —	Black
Hands ——	Aluminum, Black
Frame ———	Steel, Semi-mat black
Thickness —	40mm
Weigh ——	1.0kg

300-mm Diameter Round Type



SC-304 (GHS)

00 00+
Dial ———— Brass, White hairline finis
Hour marker — Brass, Black
Hands ——— Aluminum, Black
Outer Frame — Polished chromium finish
Thickness —— 46mm
Weight ——— 2.0kg

310-mm Diameter Round Type



SC-300 ROHS SC-300C ROHS

(cream color) is also available

Dial ———	Steel, White
Hour marker -	Black
Hands —	Aluminum, Black
Frame	Steel, Gray
Thickness -	40mm
Weight -	1.5kg



SC-301 C ROHS SC-301 ROHS

(gray color) is also available

Dial Steel, Wr	ııte
Hour marker — Black	
Hands ——— Aluminun	ı, Black
Frame — Steel, Cre	am
Thickness —— 40mm	
Weight 1.5kg	



SC-302 65

Dial	Steel, White
Hour marker -	Black
Hands	Aluminum, Black
Frame	Steel cream
Thickness -	40mm
Weight -	1.5kg



SC-305 Fig. 1

Dial -	- Aluminum, Silve
Hour marker -	- Black
Hands —	- Aluminum, Black
Frame	- Steel, Semi-mat, Black
Thickness	- 40mm
Weight	- 1.5ka



SC-306 [₪]

Dial ———	Steel, White
Hour marker —	Black
Hands ——	Aluminum, Black
Frame ———	Steel, Cream
Thickness —	40mm
Weight ———	1 5kg



SC-316 C SC-316C

(cream color) is also available - Steel. White Dial -Hour marker - Black Hands -Aluminum, Black Steel, White Frame Thickness -- 40mm Weight ---- 1.5kg

410-mm Diameter Round Type



SC-400 @ SC-400C

(cream color) is also available

- Steel, White
- Black
 Aluminum, Black
— Steel, Gray
— 55mm
— 2.5kg



SC-419 65

DialSt	eel. White
Hour marker — Bla	
Hands ——— Al	uminum, Blac
Frame St	eel, White
Thickness 55	mm
Weight 2.5	ikg



310-mm Diameter Round Type with second hand (1-sec. polarized signal) F-001 Dial -Steel, White Hour marker — Black Hands -- Aluminum, Black Frame - Steel White Thickness — 40mm Weight -- 1.5kg

*F-001 is driven entirely by Master Clock QCG-100.

Square Type with Standard Frame



SC-320 (MS) SC-320C (MS)

(cream color) is also available.



SC-323K 🔤

Dimensions — W310×H310×D75mm - Cloth covered, Black Hour marker Blass. White hair-line finish Hands Rlass White hair-line finish Steel, Cream Frame Max. input 4W

With output transformer Input impedance: 7kΩ



Input impedance : 7kΩ



SC-324 ROBS

Dimensions — W310×H310×D45mm Dial -- Aluminum, Silver Hour marker - Black Aluminum Black Hands Frame Steel, Semi-mat black Weight 2.0kg



Weight





- 2.5kg



SC-422K 688

Dimensions — W420×H310×D75mm Dial ---- Steel, White Hour marker — Black Hands Aluminum, Black

Frame Steel, Cream Speaker section — Cloth covered, Black Speaker - Max. input 4W With output transformer

Output impedance : 8kΩ Weight - 3.0kg

Square Type with Wood Finish



SC-322S SC-421

- Wood, Walnut finish Hour marker -- Brass, Silver metallic painted Brass, Hands Silver metallic painted

* SC-322S: W300×H210×D45mm (1.0kg) *SC-421: W420×H295×D45mm (1.5kg)

Recessed Type



Sharp, straight-bar type hour marker

SC-340S (CHS) SC-440S (CHS)

Movement cover Brass White hairline finish Hour marker

Brass, White hairline finish

 Brass. White hairline finish *SC-340S: 300mm diameter (0.5kg) *SC-440S: 400mm diameter (0.6kg)



Straight-bar type, with numerals for the quarter-hours SC-341S

Movement cover Brass White hairline finish Hour marker

Brass, White hairline finish

 Brass. White hairline finish *SC-341S: 300mm diameter (0.5kg)



Circular type hour marker

SC-342 SC-441

Movement cover

Brass White hairline finish Hour marker

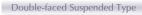
Brass, White hairline finish Brass. White hairline finish

*SC-342: 300mm diameter (0.5kg)

*SC-441 : 400mm diameter (1.0kg)

DOUBLE-FACED TYPE

Current consumption of a double-faced secondary clock is 24mA. Input signal of a double-faced secondary clock is 30-sec. polarized signal/DC 24V.





SC-360 @s Dimensions - 312mm Dia X D150mm Steel, White Hour marker -- Black - Alumini Hands Frame Steel, Grav

- 34mm Dia X

D360mm

- 8.0ka

Pipe



SC-460 MS

Dimensions - W400×H310× D180mm Steel, White Dial Hour marker -- Black Hands Aluminum, Black Frame Steel Grav Flange W250 × H50 × D100mm Weight 8.0ka

Double-faced Bracket Type



SC-461 Res ${\bf Dimensions} \ - {\rm W400} \times {\rm H310} \times$ D180mm Steel, White Dial Hour marker -- Black - Aluminum, Black Hands Frame - Steel Grav - W50×H250× Flange D100mm

- 8.0ka

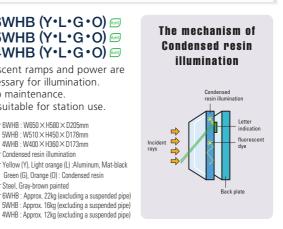
Double-faced Suspended Type (Condensed Resin Illumination)

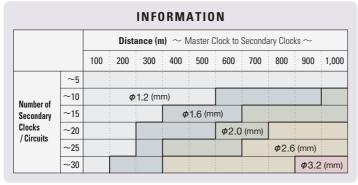


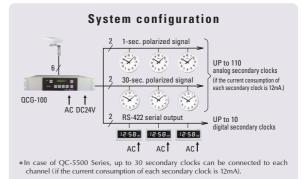
RWS-6WHB (Y·L·G·O) 688 RWS-5WHB (Y·L·G·O) RWS-4WHB (Y·L·G·O)

- Fluorescent ramps and power are unnecessary for illumination.
- Easy to maintenance.









Option Equipment for Secondary Clocks



FA-1021

Secondary clock repeater

FA-1021 amplifies the 30-sec. polarized signal transmitted by the master clock.

DC 24V 30-sec. polarized signal / AC100-240V Innut signal Output signal DC 24V 30-sec. polarized signal Number of secondary clock to drive 30 units Power failure backup 30 hours W200 × H310 × D96mm Material Steel with pearl-gray painted Weight Approx. 3.7kg



FA-1021

FA-300

Hand Adjuster with jack plug

Among secondary clocks driven by a master clock, the FA-300 is used for adjusting the hands of a large-sized secondary clock mounted on a wall in a very high position. By the signal from the FA-300, the clock is adjusted apart form a signal from a master clock.

Built-in battery 006P (9V×3=27V) Approx.100 minutes (2,000 Ω load) Operating time Hand moving speed Approx. 30 times Jack plug type W83×H140×D56mm **Output terminal** Dimensions Material Steel, Gray Approx. 650g Weight



FA-301 Jack-plug plate for single-faced clocks

FA-302 Jack-plug plate for double-faced clocks





QUARTZ BELL TIMER



An intelligent timer for offices, schools, factories, and other locations.

Melody time signals are programmable for up to one week.

CONTENTS	SPECIFICATIONS	
Power supply	AC 90V-120V, AC 200V-240V, 50/60Hz	
Power consumption	Approx. 4.0W	
Power failure backup	Clock: 24 hours, program: 10 weeks	
Operating temperature range	-10°C∼+50°C	
Time accuracy	Within ± 3 sec./month ($+5^{\circ}$ C \sim + 35° C)	
Signal output	2 independent channels (dry contact signal)	
Contact out put capacity	AC 125V / 5A , AC 250V / 3A, DC 30V / 5A	
Program setting range	In 1-minute increment	
Dimensions	W270×H372×D58.5mm	
Weight	Approx. 2.0kg (main body)	

QBT-30 (ROHS)

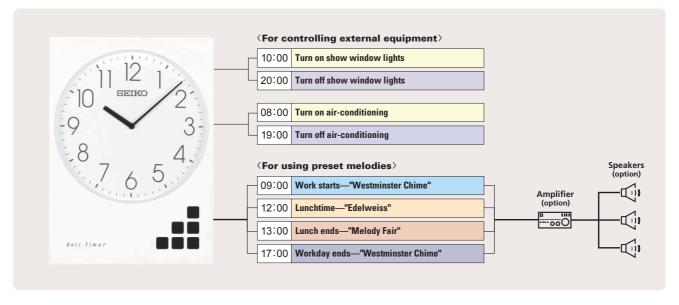
Announces the start of work, lunchtime, and the end of work with beautiful melodies. Refined design and outstanding function make this a necessity for every office.

- Up to 60 programs can be set a week at a time.
- Different settings for each day of the week are OK.

 Resetting for different times each day is simple and convenient.
- The 10 melodies can be combined as preferred.
- External output can be used to manage lighting, air-conditioning, and so on.

● Westminster Chime ······(40 Sec.)
● Edelweiss · · · · · · (42 Sec.)
● Melody Fair ·····(43 Sec.)
● Chim Chim Cheree·····(40 Sec.)
● Bibbidi-Bobbidi-Boo ·····(30 Sec.)
● Yuyake Koyake(40 Sec.)
● Going Home ·····(45 Sec.)
● Etude Op. 10, No. 3 ·····(45 Sec.)
● Beauty and the Beast ·····(44 Sec.)
● A Whole New World ······(41 Sec.)
*Each title is played twice.

For example, a setting like this is easy to do! Manage time at school or in the office or the way you've always wanted to!



DIGITAL CLOCK

INDEPENDENT CLOCK

For indoor / outdoor rain proof Type





RBC-302N
Suspended type (Double-faced)



RBC-303N
Bracket type (Double-faced)

CONTENTS	CDECIFICATIONS		
CONTENTS	SPECIFICATIONS		
Model No.	RBC-200N (Wall type)	RBC-302N, 303N (Dobule-faced type)	
Digit height	200mm (Orange)	200mm (Yellow)	
Dimensions	W950×H380×D184mm	W950×H380×D300mm	
Weight	30kg	65kg	
Accuracy	Within ±0.2 sec./day at normal temperature		
Operational temperature range	−20°C~+60°C		
Input power	AC (50/60Hz) Time synchronization with the master clock is possible		
Current consumption	Approx. 1.6A (Including 0.7A for internal illumination)	Approx. 1.9A (Including 0.7A for internal illumination)	
Internal illumination	FL-32W×1 (With automatic flasher)		
Display	Magnetic inversion system Changeover between 12-and 24-hour indications		
Power failure backup	Approx. 10hours		
Case	Steel, Metallic brown Front : Transparent glass (Thickness : 3mm)		

^{*} Please turn off the illuminating light while the clock is shone directly by the sun in the day time.

For Indoor Type



CONTENTS		SPECIFICATIONS	
Model No.		SLC-100W (Wall type) SLC-102W (Double-faced type)	SLC-120E (Wall type) SLC-122E (Double-faced type)
Digit height		100mm (White)	120mm (Orange)
Dimensions	Wall type	W620×H170×D60mm	W670×H200×D60mm
	Double-faced	W626×H176×D170mm	W676×H200×D170mm
Weight	Wall type	3.5kg	3.8kg
	Double-faced	12.5kg	13.5kg
Accuracy		Within ±0.2 sec./day at normal temperature	
Operational temperature range		−10°C~+50°C	
Input power	AC (50/60Hz) Time Synchronization with the master clock		
Current consumption	Wall type	Approx. 0.1A	Approx. 0.2A
	Double-faced	Approx. 0.2A	Approx. 0.4A
Display		White / Orange LED Changeover between 12-and 24-hour indications	
Case		Plastic, Yellowish white	

WEEKLY DIGITAL CLOCK

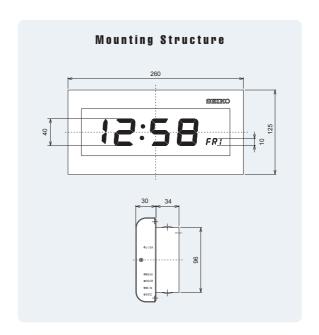


WDC-402

Display

In addition to its single usage, this weekly digital clock is uniquely designed in such a way that it can form an original world time clock by applying multiple units. No need for a master clock since it is a twin synchronous system. (A power box is required when multiple clocks are used to form a world time clock.)

The installation can be either wall type or recessed type. And a map panel of your design can be prepared on request.





JTDOOR CLOCK

LARGE-SIZED WALL CLOCK (OUTDOOR/RAINPROOF)

Dial of a large-sized clock is made of steel except for internal illumination type which is made of acrylic resin. Input signal of a wall type secondary clock is 30-sec. polarized signal/DC 3.6V. Cost for installation work is not included. Power consumption of \$\phi\$550 and \$\phi\$700mm types is 18mA, and that of \$\phi\$900 and \$\phi\$1,000mm types is 60mA.

550-mm Diameter



FC-503 Res

Coffee brown color

Cover glass — Polycarbonate

Thickness -– 90mm Weight -- 4.7ka

900-mm Diameter



FC-903 PM

Steel,

Coffee brown color

Cover glass -Polycarbonate Thickness -- 150mm

Weight -- 21ka

700-mm Diameter



FC-703 PM

Steel, Coffee brown color Frame Cover glass — Polycarbonate
Thickness — 99mm Weight -- 7.5kg

FC-7131

Internal illumination type

Thickness -— 170mm — 11.5kg Weight -

All the other specs.are the same as those of FC-703.



FC-707 [RIS

Weight -



- Stainless steel polished Cover glass — Polycarbonate Thickness -- 99mm

- 7.0kg FC-7171 Internal illumination type

Thickness —— 170mm Weight ——— 10.7kg

All the other specs.are the same as those of FC-707.



FC-7191 Internal illumination type

- Steel, Coffee brown color Cover glass — Polycarbonate Thickness — 170mm Weight — 11.5ka

1000-mm Diameter



FC-103 PM

Steel Frame -

Coffee brown color Polycarbonate Cover glass

Thickness -Weight -25kg

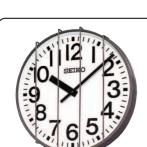


FC-108 E

Stainless steel polished Frame

Cover glass Polycarbonate Thickness – 150mm

Weight -



Protector for 700-mm outdoor wall clock

TK-S2 📾

Frame Stainless steel, Coffee brown color

*Photo example : TK-S2 furnished on FC-703

Controller

AP-4031 ROHS

When installing a secondary clock, a controller for exclusive use with it is required (optional).

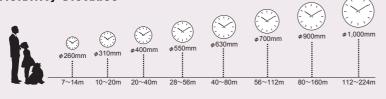
Controller Case



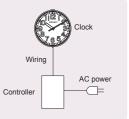
QF-BOX ROHS



Visibility Distance



Configuration of Large-Sized Wall Clock



LARGE-SIZED DOUBLE-FACED POLE CLOCK (RAINPROOF)

Cost for pole and installation work are not included. Input signal of a pole clock is 30-sec. polarlized signal / DC3.6V. Power consumption of a pole clock is 18mA×2.

700-mm Diameter



FC-7831 ROB

Internal illumination type

Frame Steel, Coffee brown color Cover glass — Polycarbonate Thickness — 300mm

Thickness — 300mr Weight — 20kg



FC-7851

Internal illumination type

Frame Steel, Coffee brown color
Cover glass — Polycarbonate
Thickness — 300mm
Weight — 20kg



FC-7871 ROHS

Internal illumination type

Frame Stainless steel
Cover glass Polycarbonate
Thickness 300mm
Weight 18.5kg



FC-7891 FG-7891

Internal illumination type

Frame Steel, Coffee brown color
Cover glass Polycarbonate
Thickness 300mm
Weight 20kg

Grounding Work (mm) 300 Clock Unit **φ**700 \$9.1 Overall Length of Pole Pole .360 **¢**139.8 Clock Controller G.L. 950 Concrete Rubble Glass 3 Grounding (GND) □1000

(Pole and base are shown here for reference purpose only.)



LARGE—SIZED SUSPENDED TYPE CLOCK (OUTDOOR / RAINPROOF)

10 SEINO 2

700-mm Diameter

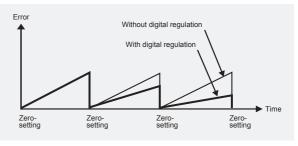
FC-7631

Double-faced type with internal illumination

Frame Steel,
Coffee brown color
Cover glass Polycarbonate
Thickness 300mm
Weight 21kg
Input voltage DC 3.6V
Current 18mA×2
consumption

Digital Regulation

Gain or loss of the clock controller can be detected and corrected automatically by every zero-setting operation if conducted at regular intervals. This function is called the digital regulation.



Remarks:

In case that an output voltage from a master clock is DC 24V (except QC-5500 Series), you need a resistor adaptor R-700 or R-900 (optional) which has to be connected between the FC-series and the master clock.

SOLAR-POWERED CLOCK

Wall Type: Cost for installation work is not included. Double-faced Pole Type: Cost for pole and installation work are not included.

*SL-10 (Solar Cell Panel) is included.



QF-503 (cm)

- Steel, Coffee brown color **Cover glass** — Polycarbonate

Thickness -— 4.7kg Weight -



QF-703 645

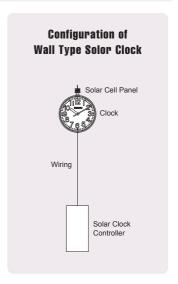
— Steel, Coffee brown color Frame — **Cover glass** — Polycarbonate

Thickness -99mm Weight -- 7.5kg



QF-707 (cms)

— Stainless steel Frame — Cover glass — Polycarbonate Thickness -99mm Weight -- 7kg



Double-faced Pole Type *SL-10 (Solar Cell Panel) is included.



QF-787 (R)

Frame Stainless steel **Cover glass** — Polycarbonate Thickness 300mm

Weight 18kg



QF-783 645

Frame Steel, Coffee brown color Cover glass -Polycarbonate Thickness 300mm Weight 19.5kg



QF-785 (CHS)

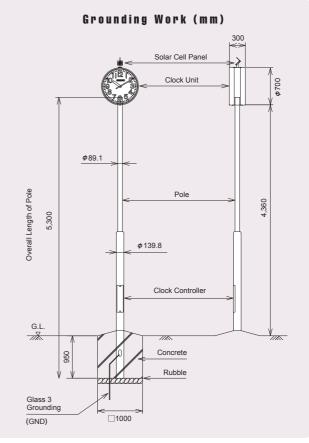
Steel, Coffee brown color **Cover glass** — Polycarbonate Thickness -- 300mm Weight -— 19.5kg



QF-789 ROHS

Frame Steel, Coffee brown color Cover glass -Polycarbonate Thickness -300mm Weight -– 19.5kg





(Pole and base are shown here for reference purpose only.)

SEIKO