

Street Clock - Senayan National Golf

QUOTATION

To:
Senayan National – Golf Club Jakarta
Att: Mr. Ruly

Date: 13 November 2012

Sample Model

Below is sample model for Street Clocks



GFClock Yasa Persada

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<http://www.gfclock.com> Blackberry: 2880ECDC
29B48D7C

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Revision History

Date	Version	Description	Author
13 November 2012	0.1	First Initial	Anggono Basuki

Distribution Document

This document is to be distributed to:

Name	Title
Anggono Basuki	GFClock Yasa Persada
Mr. Ruly	Senayan National - Golf Club Jakarta

Quotation - 4 Sides Street Clock

To : **Senayan National - Jakarta**
 ATTN : MR. Ruly
 TELP : 0818-085 58888
 FAX : _____
 E-MAIL :

REF. No. : GFQ201211-13-01
 DATE : **13 November 2012**
 VALID : 1 MONTH
 TERM : 70% Confirmed, 30% Installed
 WARRANTY : 12 MONTHS



**With illumination
Light**

No.	Descriptions	Model	Qty	USD/unit	Total USD
1	MOVEMENT Open-air movement for street clock - outdoor Hands set by buttons movement back cover. Enhanced metal construction for weather resistant outdoor operation 24-hours-a-day. Reinforced for dial diameter up to 1.2m. With hour and minute hand bushing. Power supply: 12-24VDC	GFA12SEF	4		
2	Switch Power AC/DC converter a Switch power AC/DC converter 220VAC/12VDC)		4		
3	Illumination a LED illumination light at night on the dial 4 sides		4		
4	Thermo Control Automatic switch on/off for illumination, and a function for schedule of the illumination		1		

Clock Solutions

5	Master Control Support controlling the outdoor clock up to 120 meter, and controlling for illumination light at night	N/A	-	-
6	GPS Clock Synchronized time with satellite for auto correction time	N/A	-	-
7	MARKER / NUMERAL 12 aluminum and acrylic for ROMAN, ARABIC or MARKERS for up to 80cm dial size. Antique style For 80cm Dial	4		
8	HANDS Two hands for hour and minute with aluminum and acrylic surface for up to 80cm dial size	4		
9	Installation materials Cables, Batako, Cement, Silka waterproof, Silent, pipe, Screw, Lamp, Adhesive, Welding, etc	Packet		
10	Standing Clock & Case Antique standing clock case with 4 side	1		
11	Local Transport Biaya untuk transportasi support implementasi, akomodasi, Quality Control di Jakarta	1		
12	Implementation Fee Biaya installation & Setup street clock bergaransi 1 Tahun	1		
TOTAL NET IN USD :				

Note:

- 1. Delivery 60 Days from First Payment Received**
- 2. Rate a USD is Rp. 9.750,-**

Quotation - 2 Sides Street Clock

To : **Senayan National - Jakarta**
 ATTN : MR. Ruly
 TELP : 0818-085 58888
 FAX : _____
 E-MAIL :

REF. No. : GFQ201211-13-01
 DATE : **13 November 2012**
 VALID : 1 MONTH
 TERM : 70% Confirmed, 30% Installed
 WARRANTY : 12 MONTHS



**With illumination
Light**

No.	Descriptions	Model	Qty	USD/unit	Total USD
1	MOVEMENT Open-air movement for street clock - outdoor Hands set by buttons movement back cover. Enhanced metal construction for weather resistant outdoor operation 24-hours-a-day. Reinforced for dial diameter up to 1.2m. With hour and minute hand bushing. Power supply: 12-24VDC	GFA12SFP	2		
2	Switch Power AC/DC converter a Switch power AC/DC converter 220VAC/12VDC)		2		
3	Illumination a LED illumination light at night on the dial 4 sides		2		
4	Thermo Control Automatic switch on/off for illumination, and a function for schedule of the illumination		1		

Clock Solutions

5	Master Control Support controlling the outdoor clock up to 120 meter, and controlling for illumination light at night	N/A	-	-
6	GPS Clock Synchronized time with satellite for auto correction time	N/A	-	-
7	MARKER / NUMERAL For 80cm Dial 12 aluminum and acrylic for ROMAN, ARABIC or MARKERS for up to 80cm dial size. Antique style	2		
8	HANDS Two hands for hour and minute with aluminum and acrylic surface for up to 80cm dial size	2		
9	Installation materials Cables, Batako, Cement, Silka waterproof, Silent, pipe, Screw, Lamp, Adhesive, Welding, etc	Packet		
10	Standing Clock & Case Antique standing clock case with 4 side	1		
11	Local Transport Biaya untuk transportasi support implementasi, akomodasi, Quality Control di Jakarta	1		
12	Implementation Fee Biaya installation & Setup street clock bergaransi 1 Tahun	1		
TOTAL NET IN USD :				

Note:

1. **Delivery 60 Days from First Payment Received**
2. **Rate a USD is Rp. 9.750,-**

Street Clock Movement - Specifications

Two hands: Hour and Minute



Available for 1 - 6 Meter diameter of Dial

- ☐ Micro-processor based self-setting movement
- ☐ Ideal for open-air tower clock system
- ☐ All metal fabric with stepping motor
- ☐ Remote control enabled
- ☐ Compact design with multiple functions

FEATURES

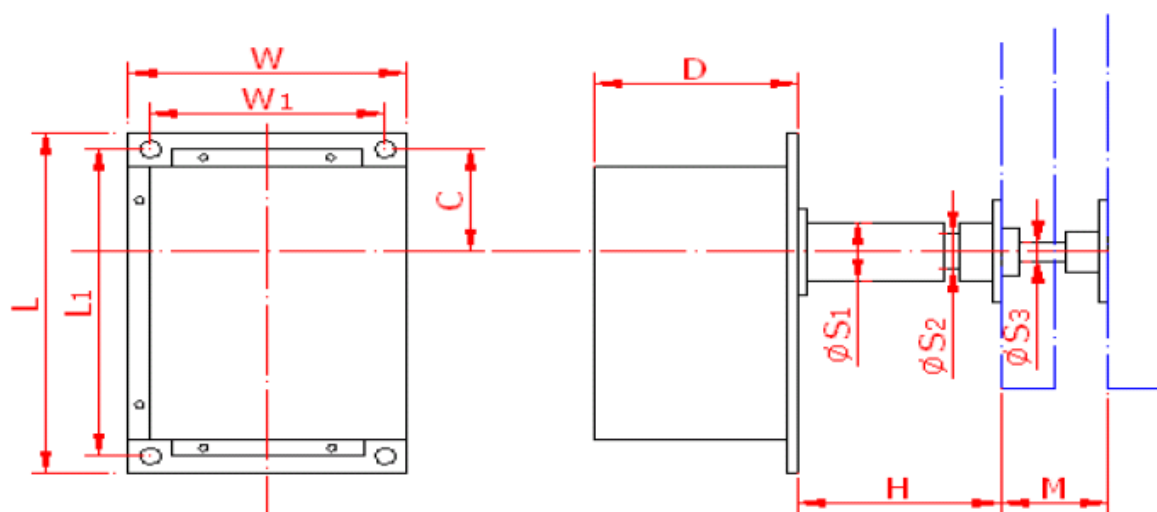
Microprocessor based open-air tower clock movement
Suitable for open-air dial diameter from 1.2m to 12m
Self-setting with master clock upon power recovery from failure
Controlled & synchronized by master clock or PC connected
Operation reservation upon power failure
High efficiency with low power consumption
Applicable with or w/o master clock and UT tower clock software

OUTDOOR-USE DESIGN : - Entirely metal fabric from internal parts to outer case
(GFA12 is exceptional with ABS outer case)

Clock Solutions

LOW CONSUMPTION	:	- Dust-proof, anti-rust, and weather-resistant - Lower power consumption by 50%
HIGH EFFICIENCY	:	- Cylinder & gears design enables high efficiency with low abrasion
SELF-SETTING	:	- Automatically synchronized with master clock
TIME RESERVATION	:	- 3 months' operation reservation enables auto correction to master clock's time on power recovery from a mains power failure
WIRING	:	- Ordinary double-twisted pair wire
INTERFACE	:	- RS485 output & input
REMOTE OPERATION	:	- Central supervised and controlled with master clock or PC - No operation on movement needed - Wiring distance to master clock or PC up to 1200m - Feedback running status to master clock or PC
TIME ACCURACY	:	- 0.3 s/d at 25° (independent)
HANDS ILLUMINATION	:	- Hollow shafts design enables LED
OTHER PARAMETER	:	- Power supply DC 12V - Shafts Hour & minute - Working Temp. -30 – 85° - Humidity 0 – 95%

DIMENSIONS



MODEL	W	W1	L	L1	D	C	S1	S2	S3	H	M
GFA12S	67	-	99	-	50	27	15	7	-	25	15
GFA25N	130	110	200	180	95	60	34	21	11	95	50
GFA25L	130	110	200	180	95	60	34	21	11	230	50
GFA40N	150	130	230	210	100	68	58	33	16	124	65
GFA40L	150	130	230	210	100	68	58	33	16	250	65
GFA60N	200	180	300	280	159	92	64	39	22	154	95
GFA60L	200	180	300	280	159	92	64	39	22	270	95

GFA Series

COMPARISON & SELECTION TABLE OF GFA MOVEMENT

MODEL	Dial Size (cm)	Dial Thickness (mm)	Hour Shaft Length (mm)	Hands Illumination	Operation	Buttons for Adjusting Hands
GFA12SFP	~ 120	~ 10	25	-	w/o Master	**
GFA12SFS	~ 120	~ 10	25	-	with Master	-
GFA12SFB	~ 120	~ 10	25	-	with or w/o Master	**
GFA12SHP	~ 120	~ 10	25	Enabled	w/o Master	**
GFA12SHS	~ 120	~ 10	25	Enabled	with Master	-
GFA12SHB	~ 120	~ 10	25	Enabled	with or w/o Master	**
GFA25NFP	120 ~ 250	~ 60	90	-	w/o Master	**
GFA25NFS	120 ~ 250	~ 60	90	-	with Master	-
GFA25NFB	120 ~ 250	~ 60	90	-	with or w/o Master	**
GFA25NHP	120 ~ 250	~ 60	90	Enabled	w/o Master	**
GFA25NHS	120 ~ 250	~ 60	90	Enabled	with Master	-
GFA25NHB	120 ~ 250	~ 60	90	Enabled	with or w/o Master	**
GFA25LFP	120 ~ 250	~ 200	230	-	w/o Master	**
GFA25LFS	120 ~ 250	~ 200	230	-	with Master	-
GFA25LFB	120 ~ 250	~ 200	230	-	with or w/o Master	**
GFA40NFP	250 ~ 400	~ 60	115	-	w/o Master	**
GFA40NFS	250 ~ 400	~ 60	115	-	with Master	-
GFA40NFB	250 ~ 400	~ 60	115	-	with or w/o Master	**
GFA40NHP	250 ~ 400	~ 60	115	Enabled	w/o Master	**
GFA40NHS	250 ~ 400	~ 60	115	Enabled	with Master	-
GFA40NHB	250 ~ 400	~ 60	115	Enabled	with or w/o Master	**
GFA40LFP	250 ~ 400	~ 200	263	-	w/o Master	**
GFA40LFS	250 ~ 400	~ 200	263	-	with Master	-
GFA40LFB	250 ~ 400	~ 200	263	-	with or w/o Master	**
GFA60NFP	400 ~ 600	~ 60	154	-	w/o Master	**
GFA60NFS	400 ~ 600	~ 60	154	-	with Master	-
GFA60NFB	400 ~ 600	~ 60	154	-	with or w/o Master	**
GFA60NHP	400 ~ 600	~ 60	154	Enabled	w/o Master	**
GFA60NHS	400 ~ 600	~ 60	154	Enabled	with Master	-
GFA60NHB	400 ~ 600	~ 60	154	Enabled	with or w/o Master	**
GFA60LFP	400 ~ 600	~ 200	270	-	w/o Master	**
GFA60LFS	400 ~ 600	~ 200	270	-	with Master	-
GFA60LFB	400 ~ 600	~ 200	270	-	with or w/o Master	**

Note:

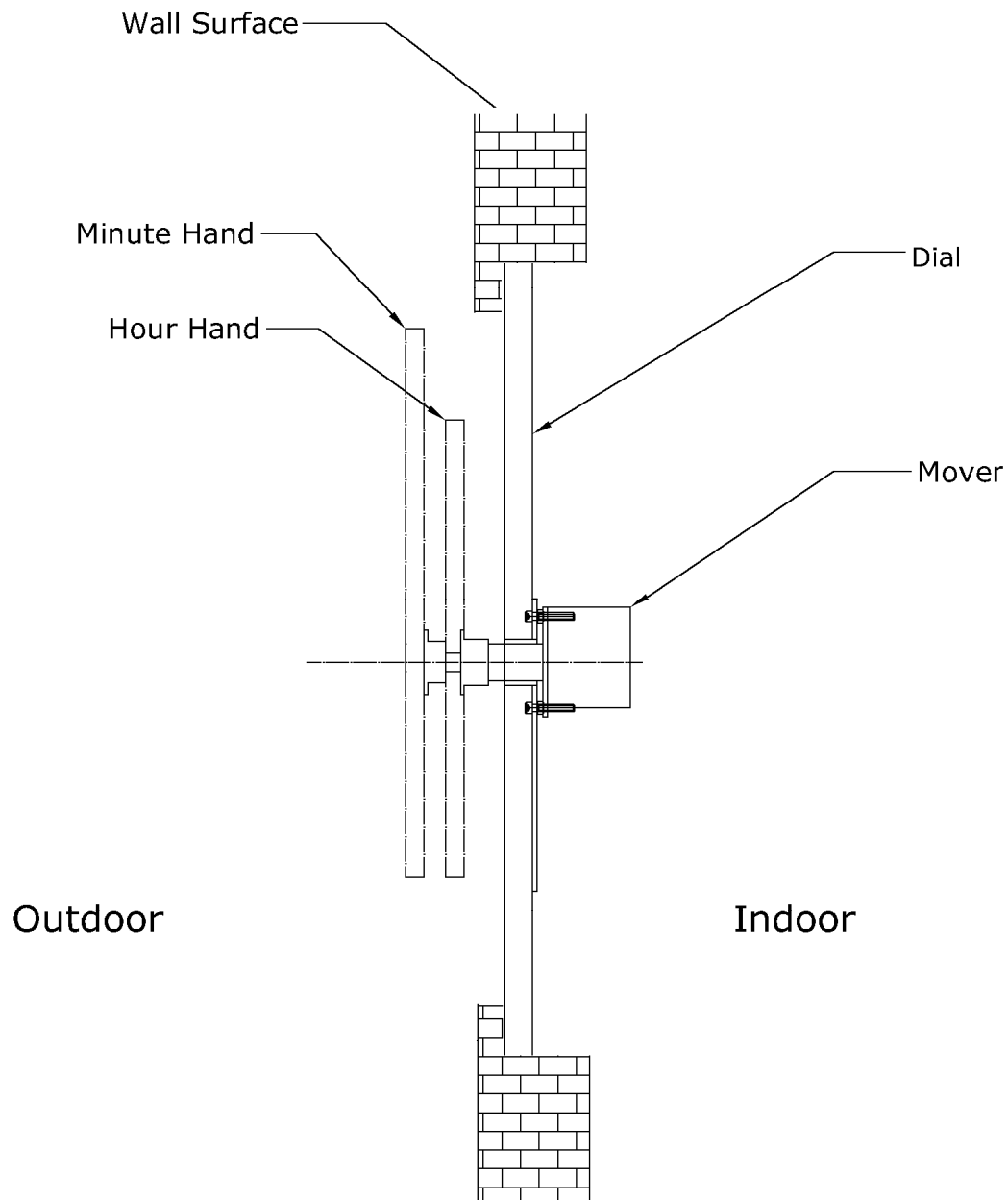
GFA12SFP adalah pilihan yang tepat dalam penawaran ini untuk support spesifikasi yang diinginkan, antara lain:

1. Diameter 1.2 meter, and working Independent clock

Wiring Installation

GFA Series for Two Hands

Berikut adalah wiring diagram pemasangan mesin jam seperti pada gambar dibawah ini:



Master Control

Master Control dapat digunakan untuk mengatur jarum jam dalam rangka adjustment, berperan dalam fungsi illumination pada malam hari, dan auto correction time jika listrik PLN mati dan akan melakukan recovery waktu secara otomatis kepada mesin jam.

Menghubungkan dengan GPS Clock untuk sinkronisasi Waktu dengan satelit

Master Control diletakkan secara indoor di ruang operational control

Berikut adalah Master Control dalam penawaran ini adalah, sbb:

Master Control / Master Clock



Optional Functions:

1. Master Clock
2. with GPS can synchronize time
3. illumination light at night
4. Auto correction time
5. with Amplifier can support Chime/Music

Dalam penawaran ini **Master Clock** tidak disampaikan dengan alasan Budget

GPS Clock

GPS Clock adalah module yang berfungsi untuk menangkap informasi waktu dari satelit, dan harus digunakan dengan Master Control.

GPS module dalam penawaran ini adalah, sbb:



Dalam penawaran ini **GPS Clock** tidak disampaikan dengan alasan Budget dan diganti dengan Real Time Control dengan Backup Time yang akan diimplementasikan secara embedded dalam Mesin Jam / Clock Movement sebagai auto correction time.

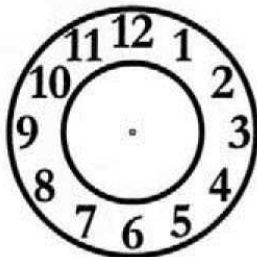
MARKERs / NUMERALs

MARKERs atau **NUMERALs**, adalah tanda angka yang dipasang untuk skala ARABIC: 1, 2, 3, 4 ... 12 atau ROMAN: I, II, III, IV, V .. XII atau tanda angka yang lain berupa MARKERs atau DOTs pada Street Clocks

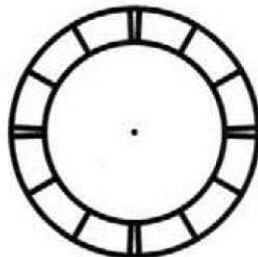
Berikut adalah Markers atau Numerals yang bisa dijadikan sebagai Referensi

GFClock Yasa Persada

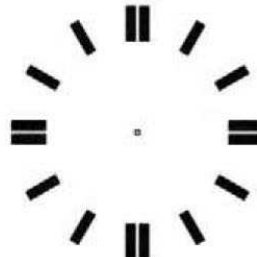
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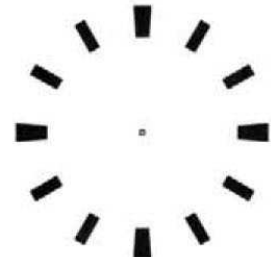
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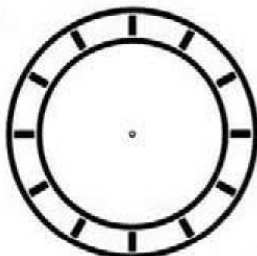
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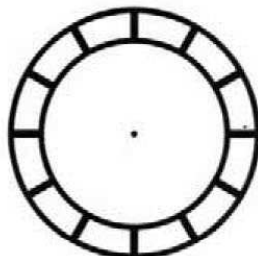
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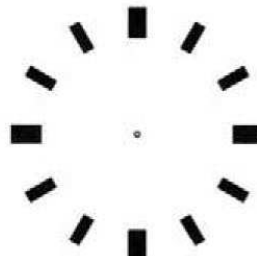
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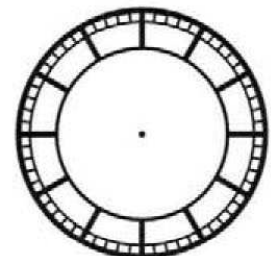
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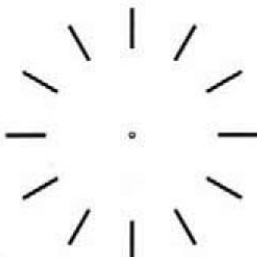
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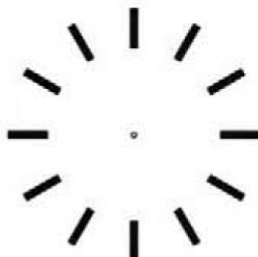
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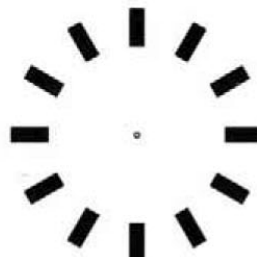
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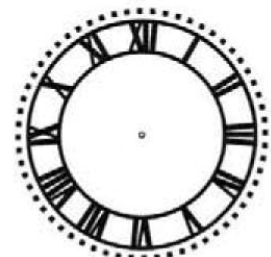
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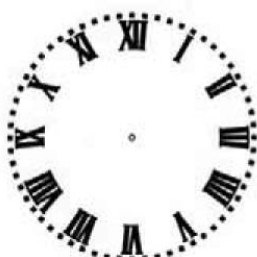
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EB-309H



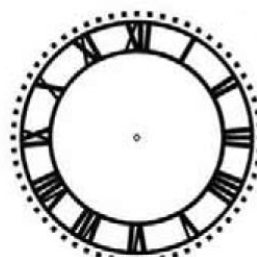
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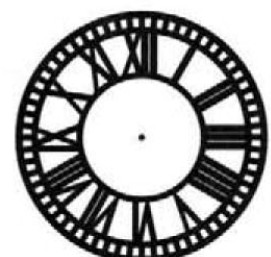
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EB-312V



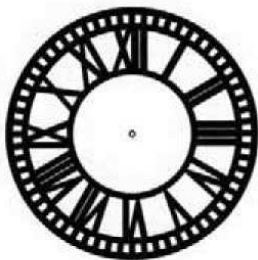
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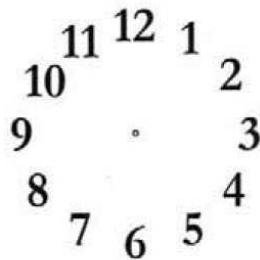
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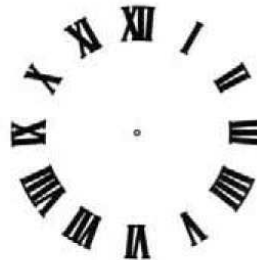
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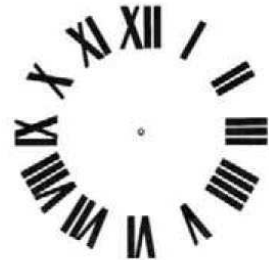
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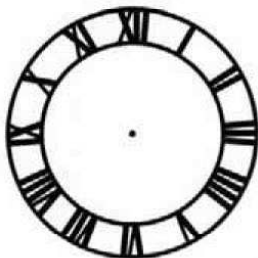
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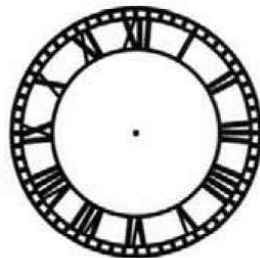
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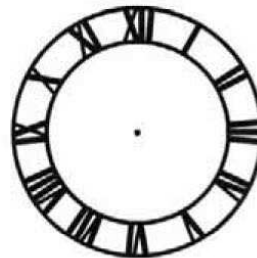
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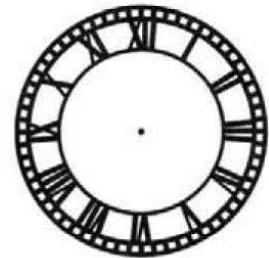
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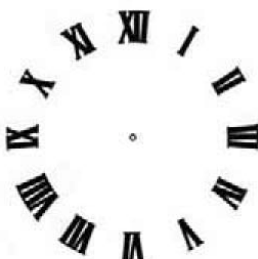
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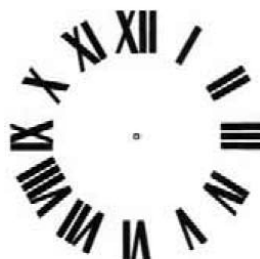
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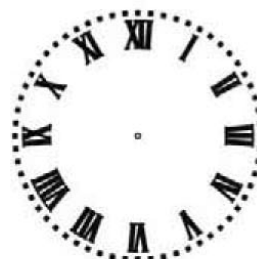
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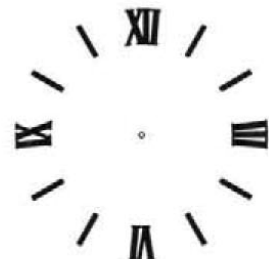
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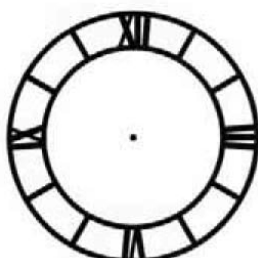
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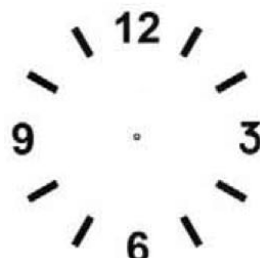
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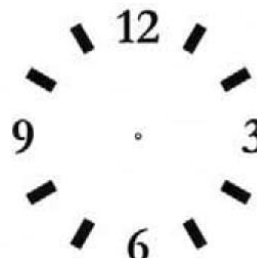
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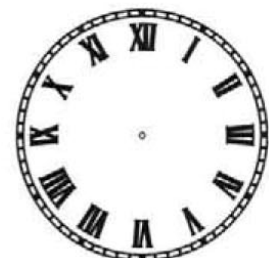
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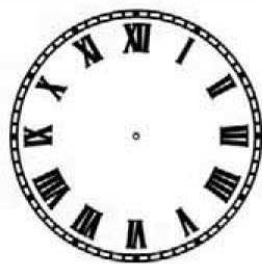
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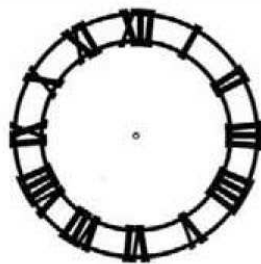
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GFClock Yasa Persada

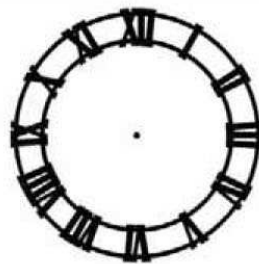
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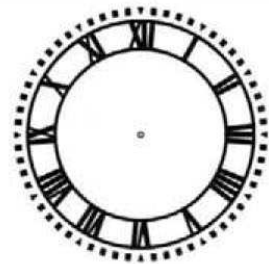
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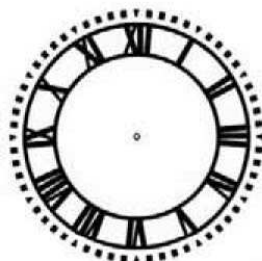
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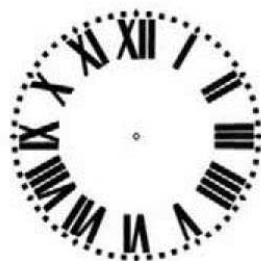
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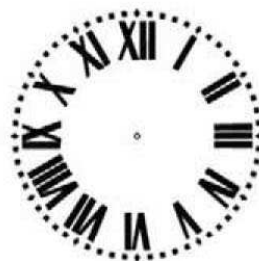
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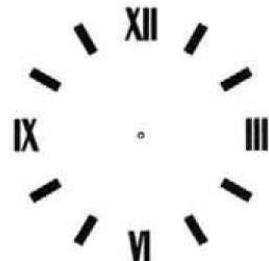
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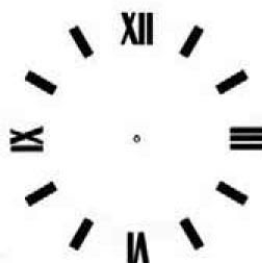
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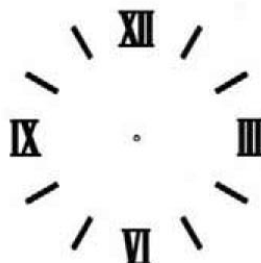
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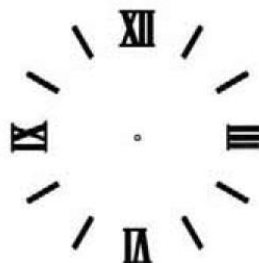
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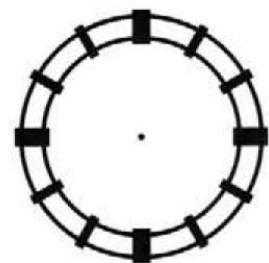
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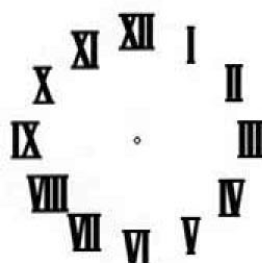
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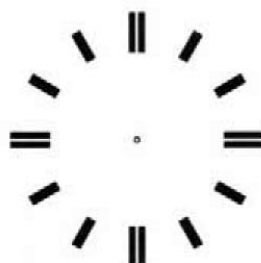
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EB-346



EB-347



EB-348

HANDs – Jarum Jam

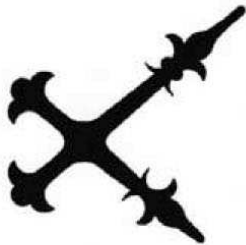
Berikut ini hanya beberapa contoh Hands yang dapat dipilih, template berikut dapat dipilih sebagai referensi

Spesifikasi:

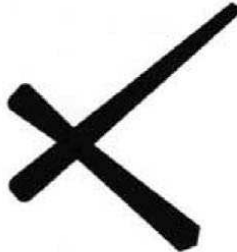
1. Hands (Jarum Menit, dan Jarum Jam) berwarna hitam
2. Hands terbuat dari Aluminum atau Acrylic berdasarkan besaran torque mesin jam

GFClock Yasa Persada

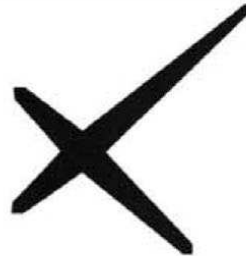
1/3



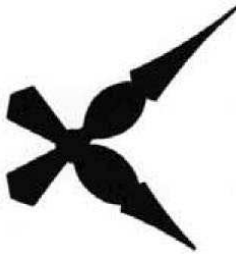
EB-401



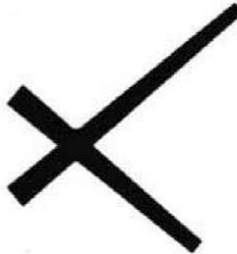
EB-402



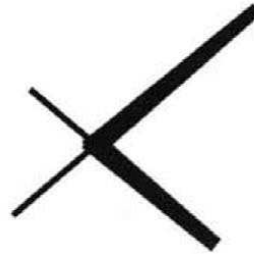
EB-403



EB-404



EB-405



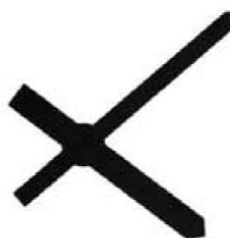
EB-405T



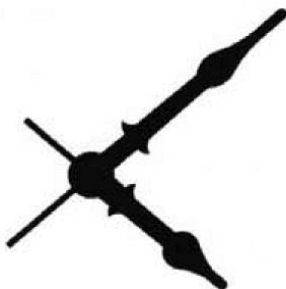
EB-406



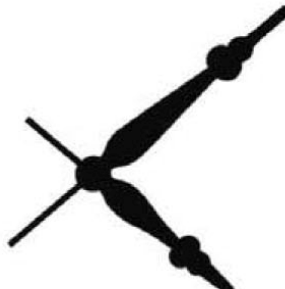
EB-407



EB-408



EB-409



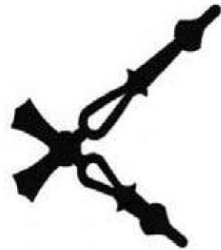
EB-410



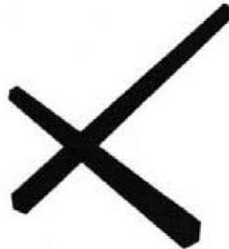
EB-412

GFClock Yasa Persada

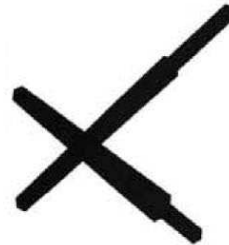
2/3



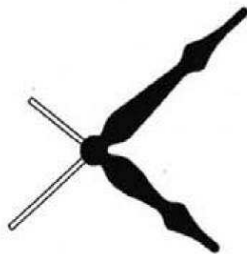
EB-412-H



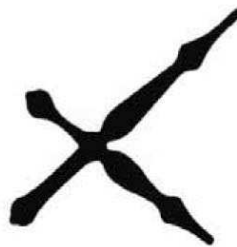
EB-413



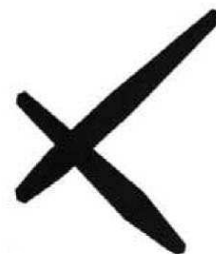
EB-414



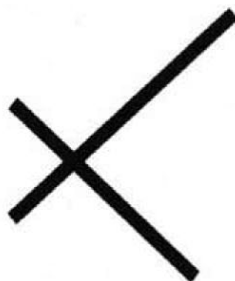
EB-415



EB-416



EB-417



EB-418



EB-418-H



EB-419



EB-420

Picture References

Berikut adalah gambar Street Clocks yang bisa dijadikan referensi









Anda bisa melihat beberapa koleksi bentuk jam Outdoor Clocks mulai dari Tower clocks, Building clocks, Street clocks, Digital clocks, Floral clocks, Flower clocks, Park clocks, dan Master / Slave clock system, Street Clocks di website kami di:

<http://jualmesinjam.blogspot.com> | <http://towerclock.gfclock.com>
<http://gfclock.indonetwork.co.id>

atau bisa kontak kami secara langsung ke:

GFClock Yasa Persada

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