

Floral Clock

QUOTATION

To:
Podomoro City – Jakarta
Att: Mr. Hery

Date: 9 October 2012

Sample Model

Below is sample model for Floral Clock – Flower Clock – Park Clock



GFClock Yasa Persada

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12510

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

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Revision History

Date	Version	Description	Author
10 October 2012	0.1	First Initial	Anggono Basuki

Distribution Document

This document is to be distributed to:

Name	Title
Anggono Basuki	GFClock Yasa Persada
Mr. Hery	Podomoro City

Quotation

To : **Podomoro City**

ATTN : MR. Hery

TELP : 0818-078 22208

FAX : _____

E-MAIL : _____

REF. No. : GFQ201210-09-01

DATE : **9 October 2012**

VALID : 1 MONTH

TERM : 70% Confirmed, 30% Installed

WARRANTY 12 MONTHS

No.	Descriptions	Model	Qty	USD/unit	Total USD
1	MOVEMENT Open-air movement for floral 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 4.0m. With hour and minute hand bushing. LED illumination on hands is enabled. Power supply: 12-24VDC	3.5 Meter	1		
2	Switch Power AC/DC converter a Switch power AC/DC converter 220VAC/12- 24VDC)		1		
3	Master Control Support controlling the outdoor clock up to 120 meter, and controlling for illumination light at night		N/A		
4	GPS Clock Synchronized time with satellite for auto correction time		N/A		
5	MARKER / NUMERAL 12 aluminum and acrylic for MARKERS. With Red LED diodes inserted on surface (with acrylic protection). For up to 4m dial size. Simple plain style	For 4m Dial	N/A		
6	HANDS Two hands for hour and minute with aluminum and acrylic surface for up to 4m dial size Support illumination at night by LED		1		

Clock Solutions

7	Installation materials Cables, Batako, Cement, Silka waterproof, Silent, pipe, Screw, Lamp, Adhesive, Welding, etc	Packet		
8	Thermo Control Automatic switch on/off for illumination, and a function for schedule of the illumination	1		
9	Local Transport Biaya untuk transportasi support implementasi, akomodasi, Quality Control di Jakarta	1		
10	Implementation Fee Biaya installation & Setup Floral 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,-**

Floral Clock Movement - Specifications

Two hands: Hour and Minute



Available for 3.5 – 8.0 Meter diameter

- ☐ 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 3.5m to 8.0m
Self-setting with master clock upon power recovery from failure
Controlled & synchronized by master clock
Operation reservation upon power failure
High efficiency with low power consumption
Applicable with or w/o master clock

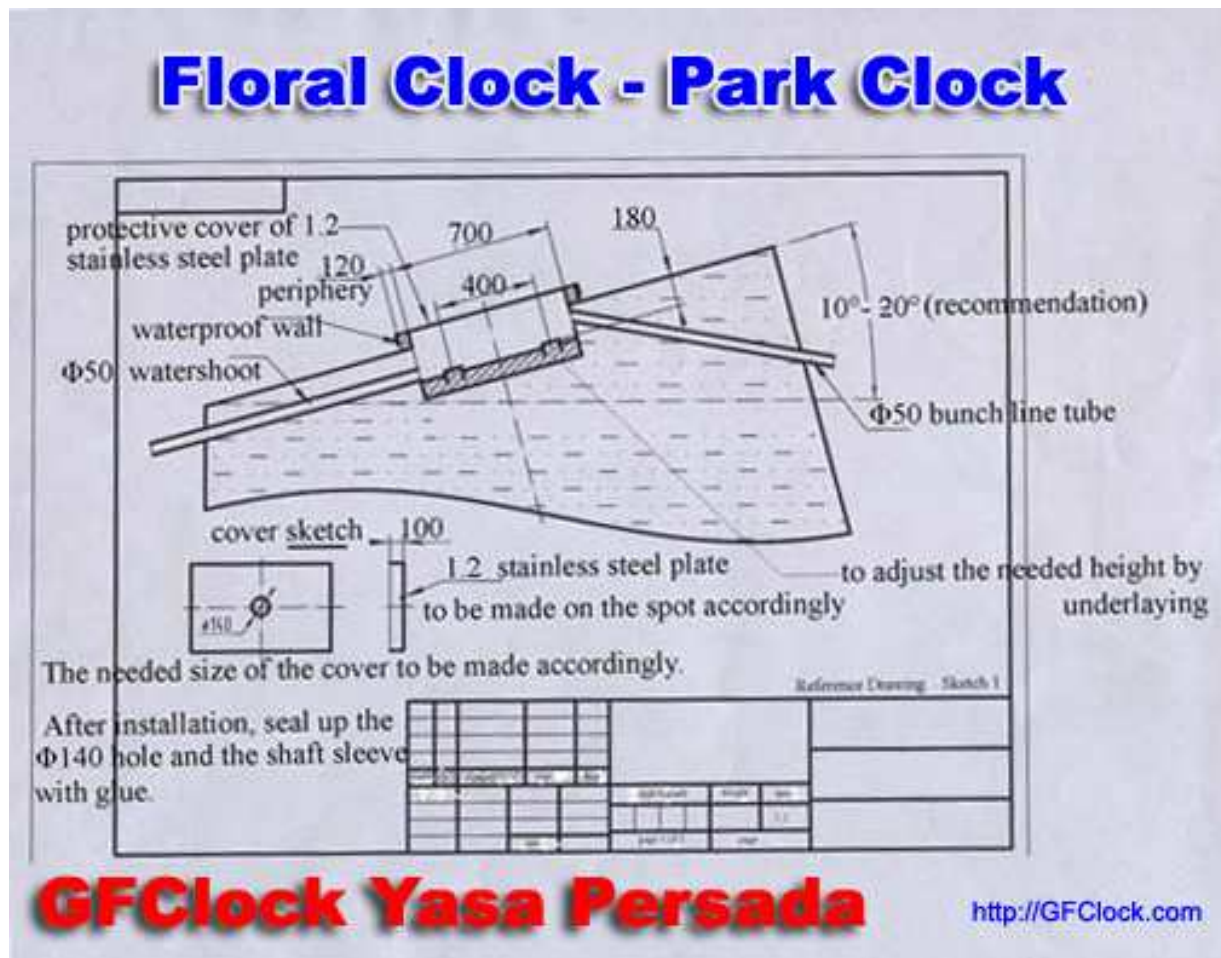
Clock Solutions

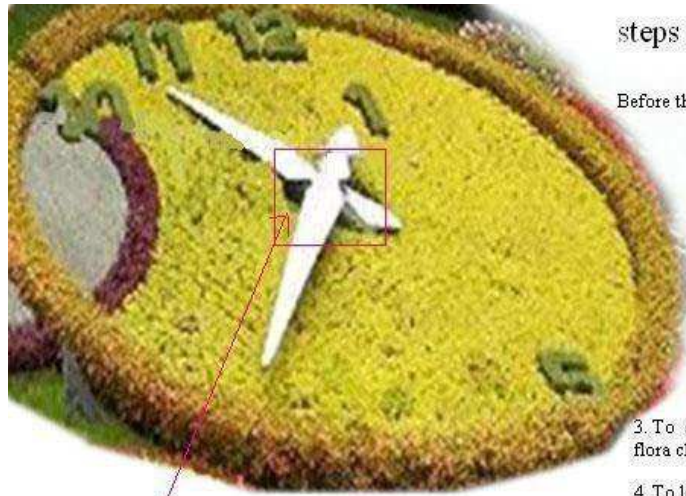
OUTDOOR-USE DESIGN	:	- Entirely metal fabric from internal parts to outer case - Dust-proof, anti-rust, and weather-resistant
LOW CONSUMPTION	:	- Lower power consumption by 50%
HIGH EFFICIENCY	:	- Cylinder & gears design enables high efficiency with low abrasion
SELF-SETTING	:	- Automatically synchronized 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 - No operation on movement needed - Wiring distance to master clock is 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 12-24Volt - Shafts Hour & minute - Working Temp. -30 – 85° - Humidity 0 – 95%

Wiring Installation

Berikut adalah gambaran singkat mengenai desain pemasangan floral clock, yang paling utama adalah desain Landscape adalah pada kemiringan antara 10 – 20 ° (derajat)

Pipa diperlukan sebagai system drainase untuk pembuangan air yang bisa masuk dalam lubang kotak Mesin Jam





position for the clock movement

steps for installation of floral clock

Before the installation of the clock or when constructing your floral bed:

1. First to fix the correct central position for the clock movement, and then construct the project as per the supplied sketch, at the same time, put apart the place for the controller in a right position close the flower bed beforehand.
2. To install and connect the movement, hand, and controller, fix and joint the movement base with the construct basic iron panel, note: 1. the construct hole's height of the installation depends on the flowers/lawn height, 2. the lower end of the hour hand should be a bit higher over the lawn.
3. To set and fix the illuminating light in a right place close the flora clock/ flower lawn.
4. To lay the flowers bed accordingly.
5. To connect power and test the whole time system.

the master clock time has been set to your local time.

Note: The picture of the flora clock above is only an example for explaining the installation steps, which is only for the reference,

Make sure to install it as per the mentioned sizes on the supplied sketch/drawings

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<http://GFClock.com>

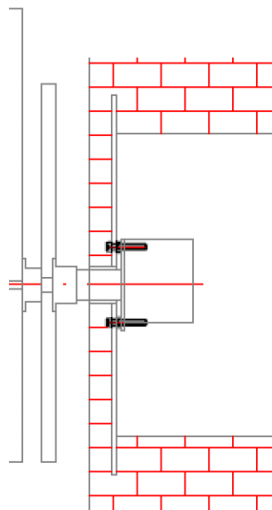


Fig. 1

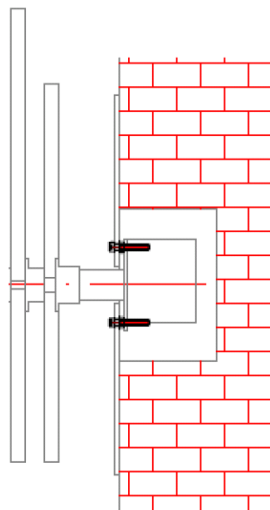


Fig. 2

Gambar Fig.2 adalah rekomendasi untuk pemasangan FloralClock dalam project ini dengan ketebalan dinding tembok kurang dari 15 - 25 cm dan ukuran lubang 65 x 65 x 65 cm

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 dan diganti dengan Thermo Control.

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 Floral Clock yang akan dipasang pada Landscape.

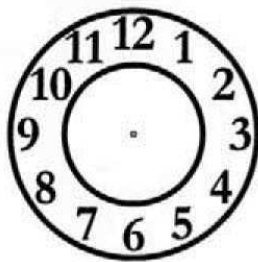
Marker bisa berwarna pilihan, dan dapat memancarkan cahaya lampu pada malam hari.

Berikut adalah Markers atau Numerals yang bisa dijadikan sebagai Referensi

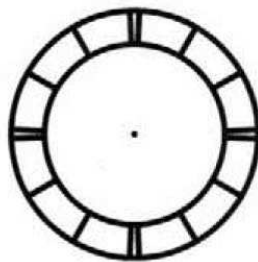
Dalam penawaran ini **NUMERALs tidak disampaikan** dengan alasan akan ditangani oleh Pihak Consultant Taman yang telah ada.

GFClock Yasa Persada

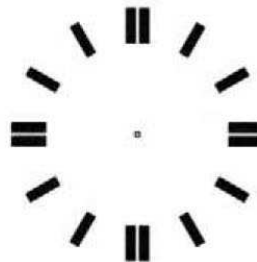
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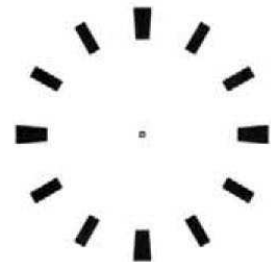
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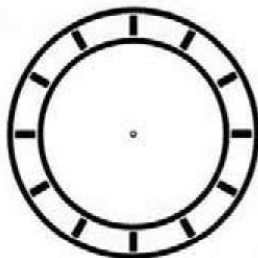
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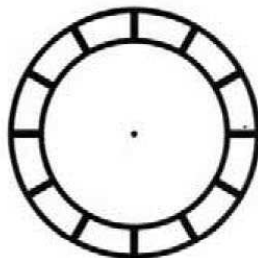
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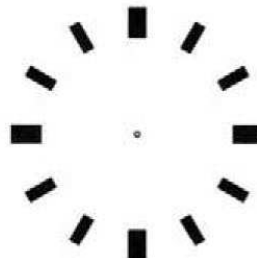
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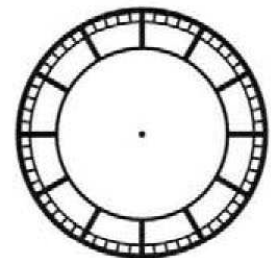
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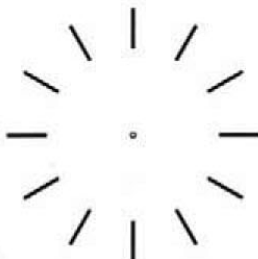
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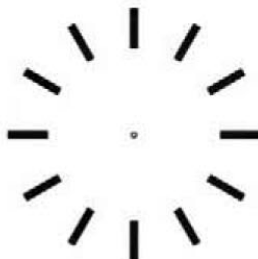
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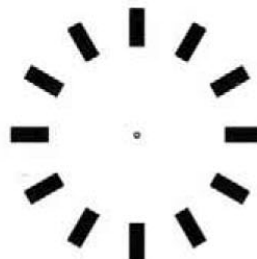
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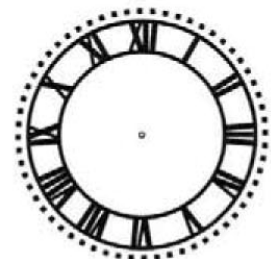
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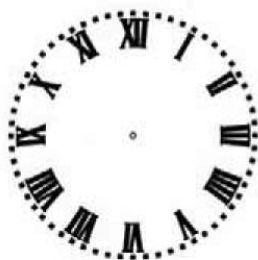
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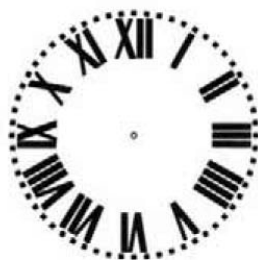
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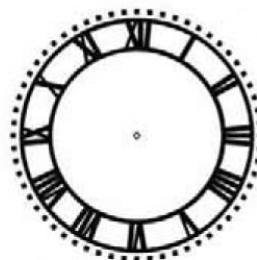
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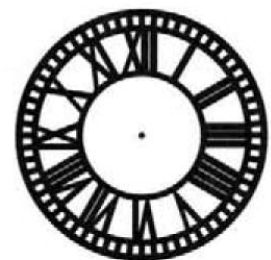
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EB-312V



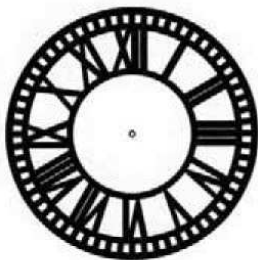
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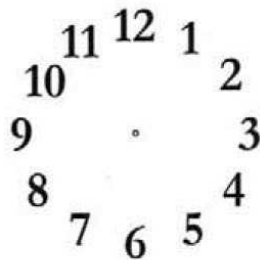
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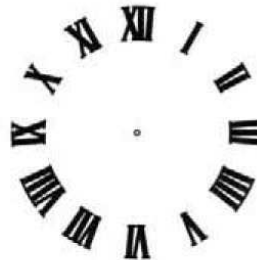
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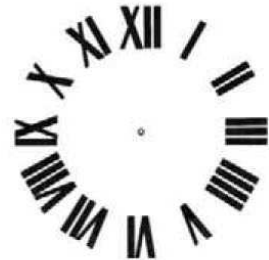
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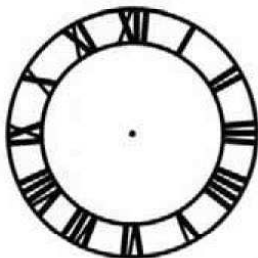
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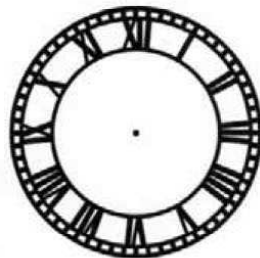
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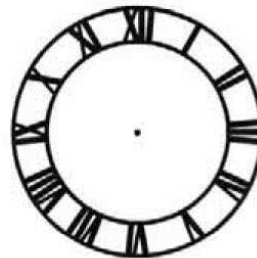
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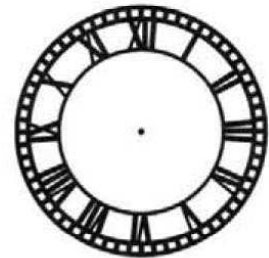
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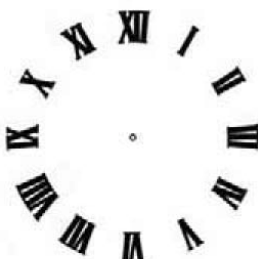
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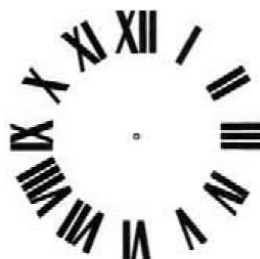
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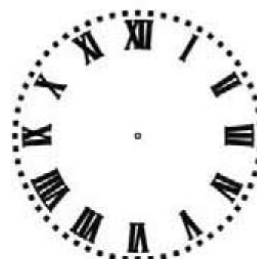
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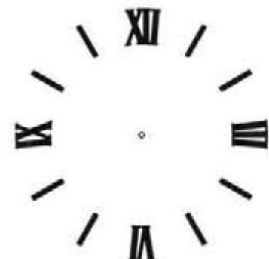
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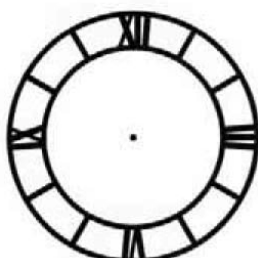
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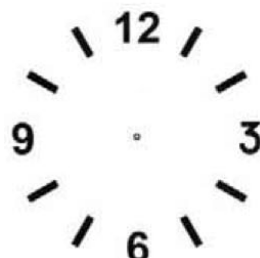
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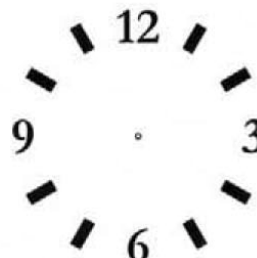
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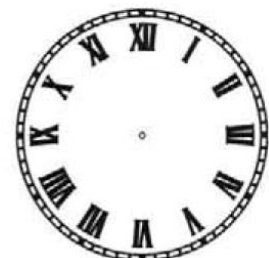
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EB-325



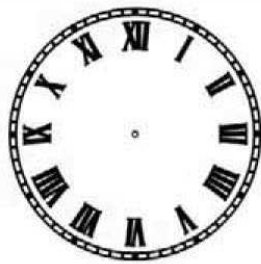
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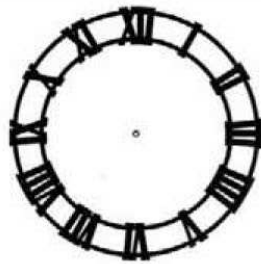
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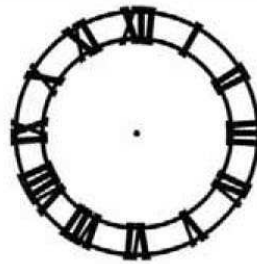
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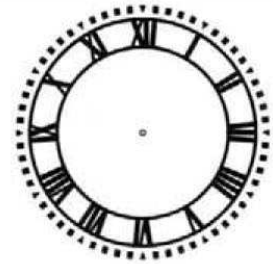
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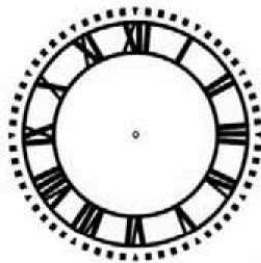
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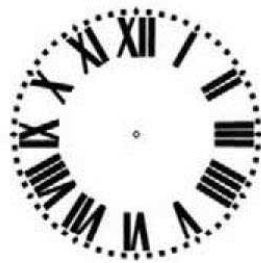
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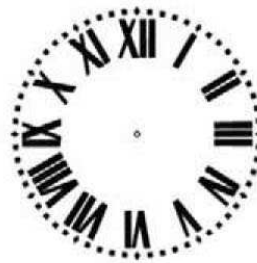
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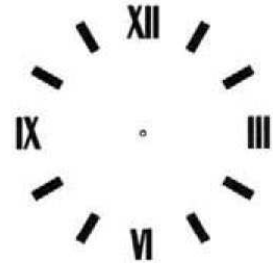
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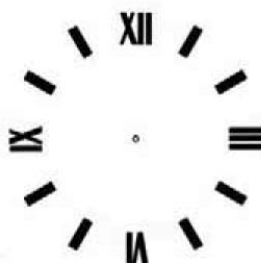
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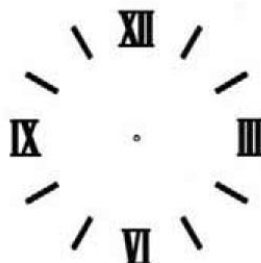
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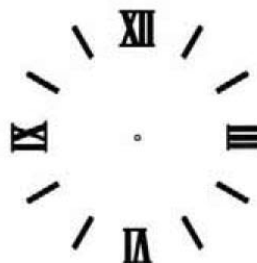
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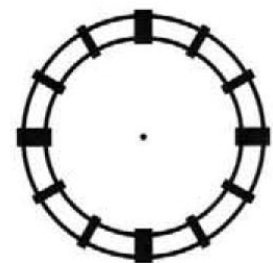
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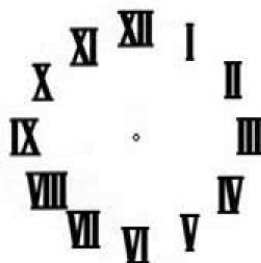
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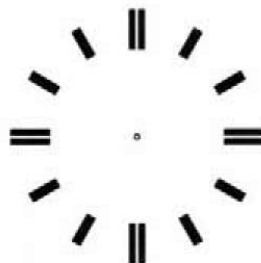
EB-337V



EB-346



EB-347



EB-348

HANDs – Jarum Jam

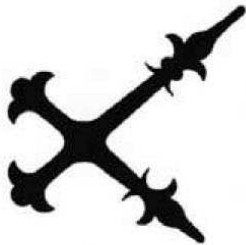
Berikut ini hanya beberapa contoh Hands yang dapat dipilih, template berikut dapat dipilih sebagai referensi

Spesifikasi:

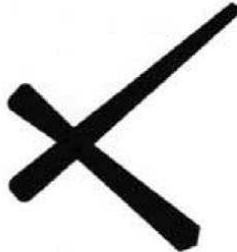
1. Hands (Jarum Menit, dan Jarum Jam) berwarna
2. Hands terbuat dari Aluminum dan Acrylic
3. Hands support illumination at Night

GFClock Yasa Persada

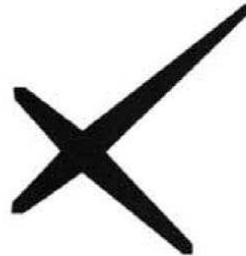
1/3



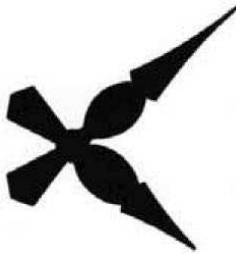
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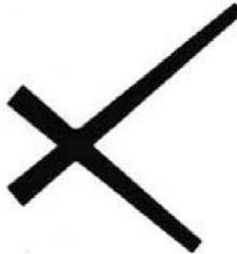
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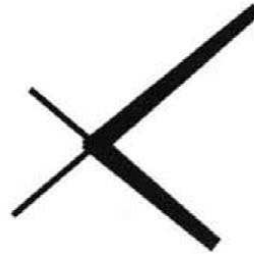
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EB-404



EB-405



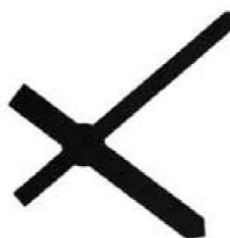
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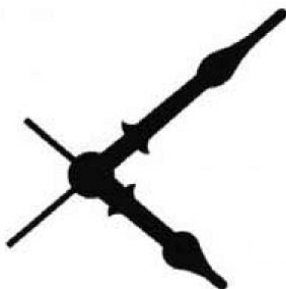
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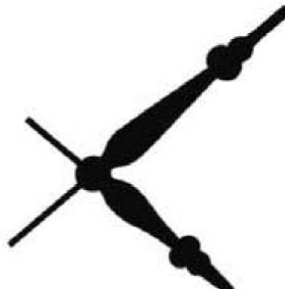
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EB-408



EB-409



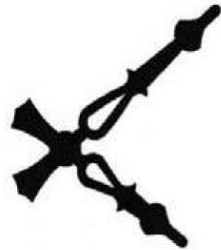
EB-410



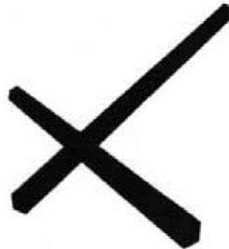
EB-412

GFClock Yasa Persada

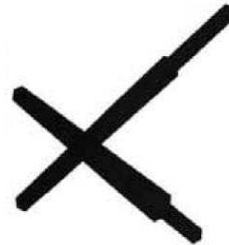
2/3



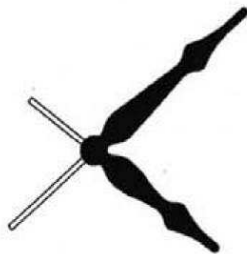
EB-412-H



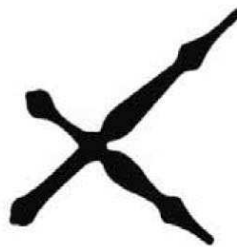
EB-413



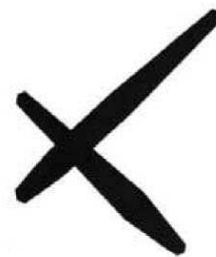
EB-414



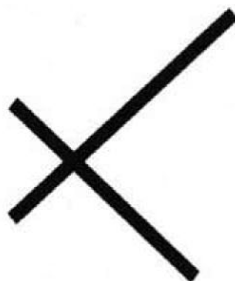
EB-415



EB-416



EB-417



EB-418



EB-418-H



EB-419



EB-420

Picture References

Berikut adalah gambar Floral Clock – Park Clock dan Flower clock 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, di website kami di:

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

atau bisa kontak kami secara langsung ke:

GFClock Yasa Persada

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