

Acoustic Pendulum / Tech Rider

Assembly of the installation

D-1	Assembly + Mechanical adjustments: 1 day with 1 technician	
	Adaptation to acoustics and time programming: 1 or to 2 days	
D-D	Final adjustments, space cleaning	
D+1	Disassembly without the artist if carried out by the technician engaged in the assembly	
	1 / Hang	Assembly on platform or escarbot
	27 cm	50 x 20 x 25cm / 8kg
	2 / Tubes	Screw fixing in concrete or wood or by strapping on a frame, beam, ipn > any stationary support attached to the building
		Electric arrival from the control room of a 220v extension / 2 HP cables / 1 RS485 / 1 usb
		Possible installation heights 3m87 or 3m37 or 2m87 or 2m37 The sphere is at ground level > the public circulates around an oscillation zone of 4 meters in diameter Or The bottom of the sphere is at 2m50 minimum from the ground above the audience > it circulates freely below
	From 3m to 1m50	Screwed and pinned to the hanger in 1, 2 or 3 sections depending on the height planned for the installation
	3 / Sphere	Connection of the 24 wires to the collector
		Diameter 60cm / weight 8 kg
		Bolted to the tube from the inside
		Connection of wires to motor and sensors
		Installation of the balance weight and connection of the speakers Cleaning
	60 cm	

Acoustic pendulum / Details of technical requirements

DIRECTION AND SCENOGRAPHY

shoxroom example Interstice-festival



- 1> Hanging fixed to the ceiling
- 2> Scope tube & Pendulum
- 3> Microphone & xlr cable attached or on a microphone stand depending on the space
- 4> Subwoofer placed on the floor
- 5> Control unit in a protective box or loading flycase

> Hanging : Power supply 220v
+ RS485 + HP + usb + xlr

> Control Unit : Cables 220v
+ RJ45 internet per ethernet

> Subwoofer : 220v + xlr

> Material provided by the artist

- Pendulum & flycases
- 1 amplifier + speaker cables
- 1 soundcard
- 1 mixer
- 1 macmini & 1 iPad
- 1 condenser microphone
- Specific assembly tools

> Content of the control box:

- 1 amplifier
- 1 soundcard
- 1 mixer
- 1 macmini
- 1 hdmi screen
- Cable slack
- Power strip 220v

> Technical requests at the expense of the organizer

> Since the beginning of the assembly

- Preparation of the grip surface
- 1 technician
- 1 hdmi screen
- 1 table & 1 chair
- Control box
- Various tools available

> Till the end of the exhibition

- Power extension & power strip 220v
- 1 400w amplified subwoofer + xlr
- 1 microphone stand + xlr cables
- 1 internet connection via RJ45 cable
- Platform, escarbot or ladder

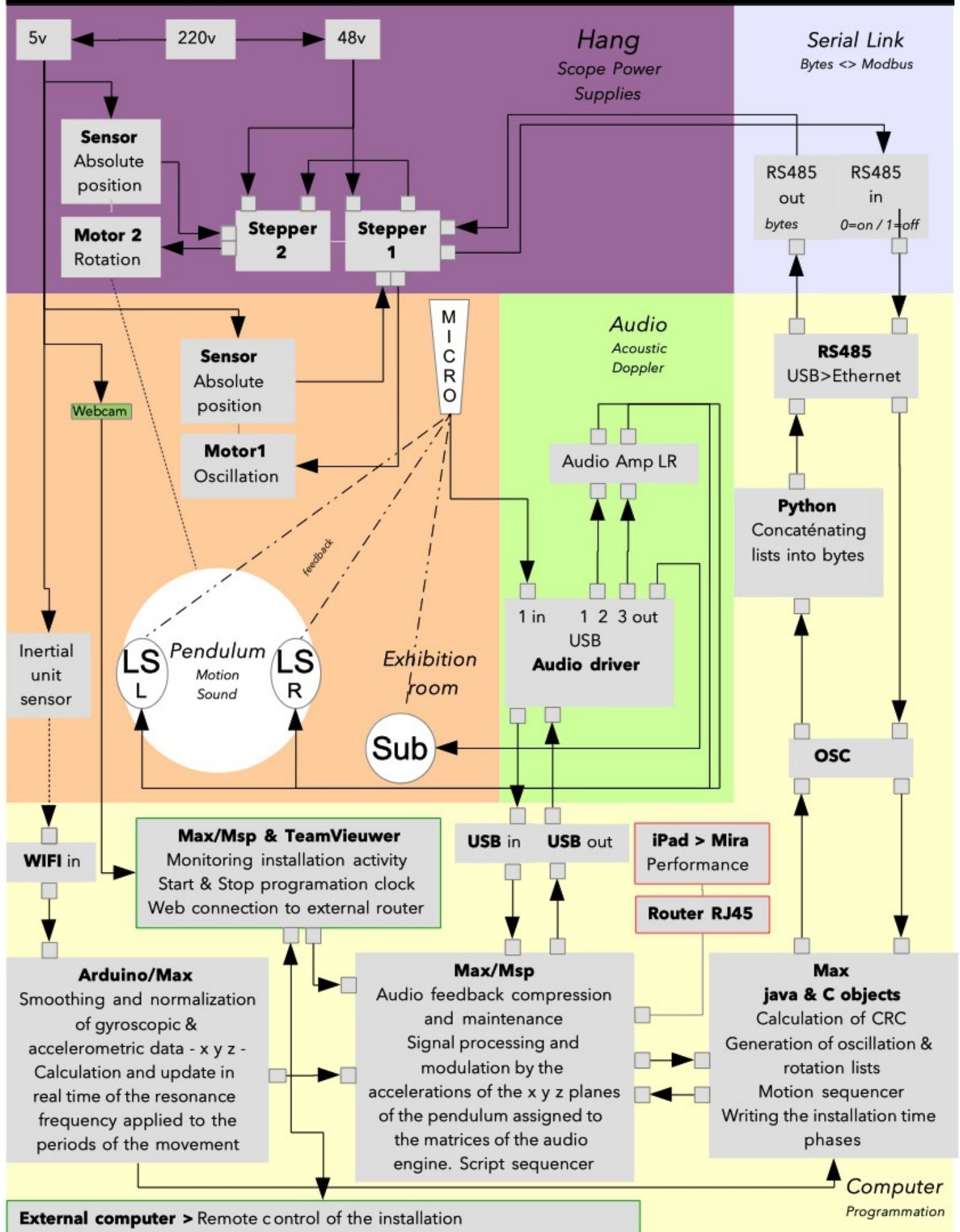
> Lighting

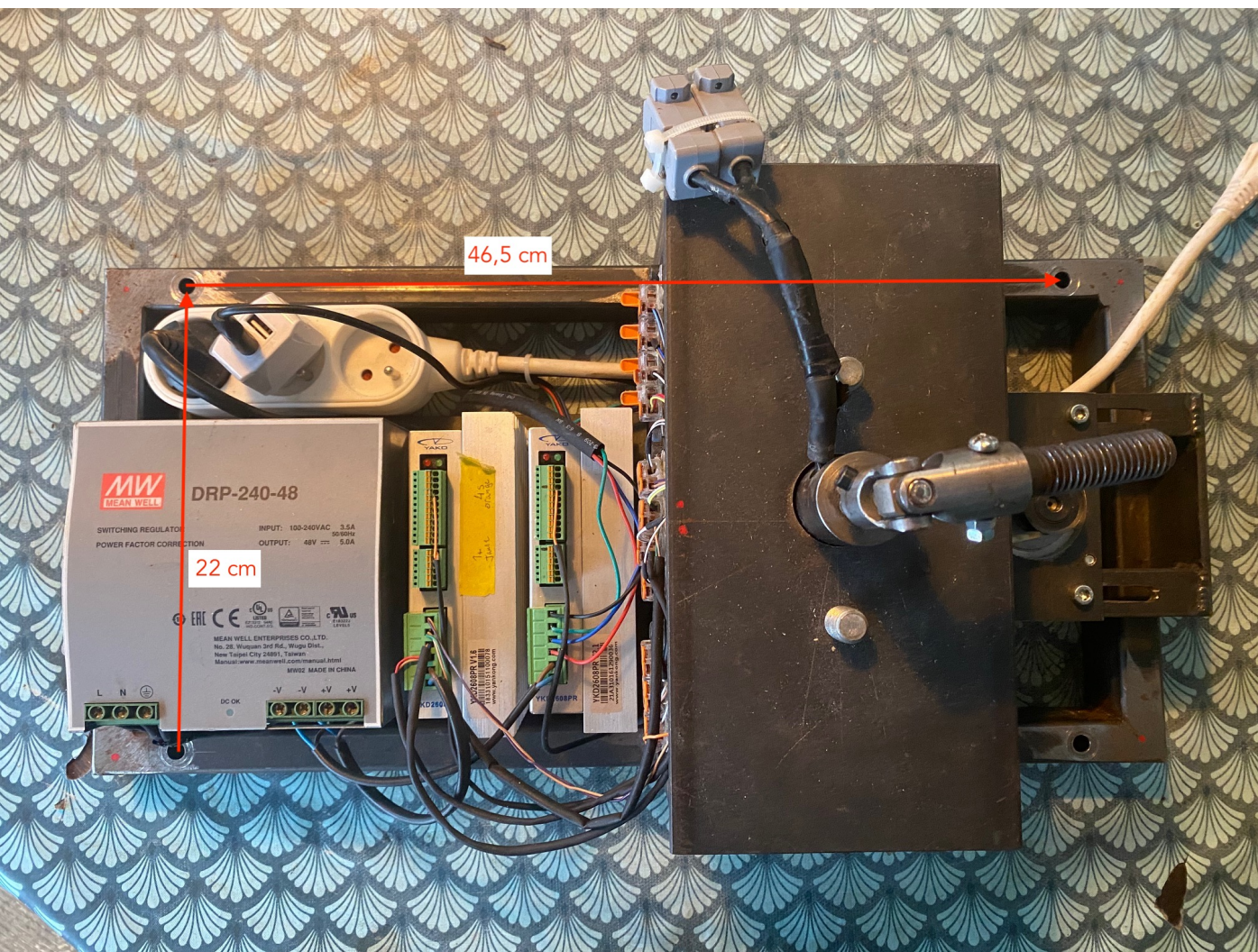
Natural daylight desired

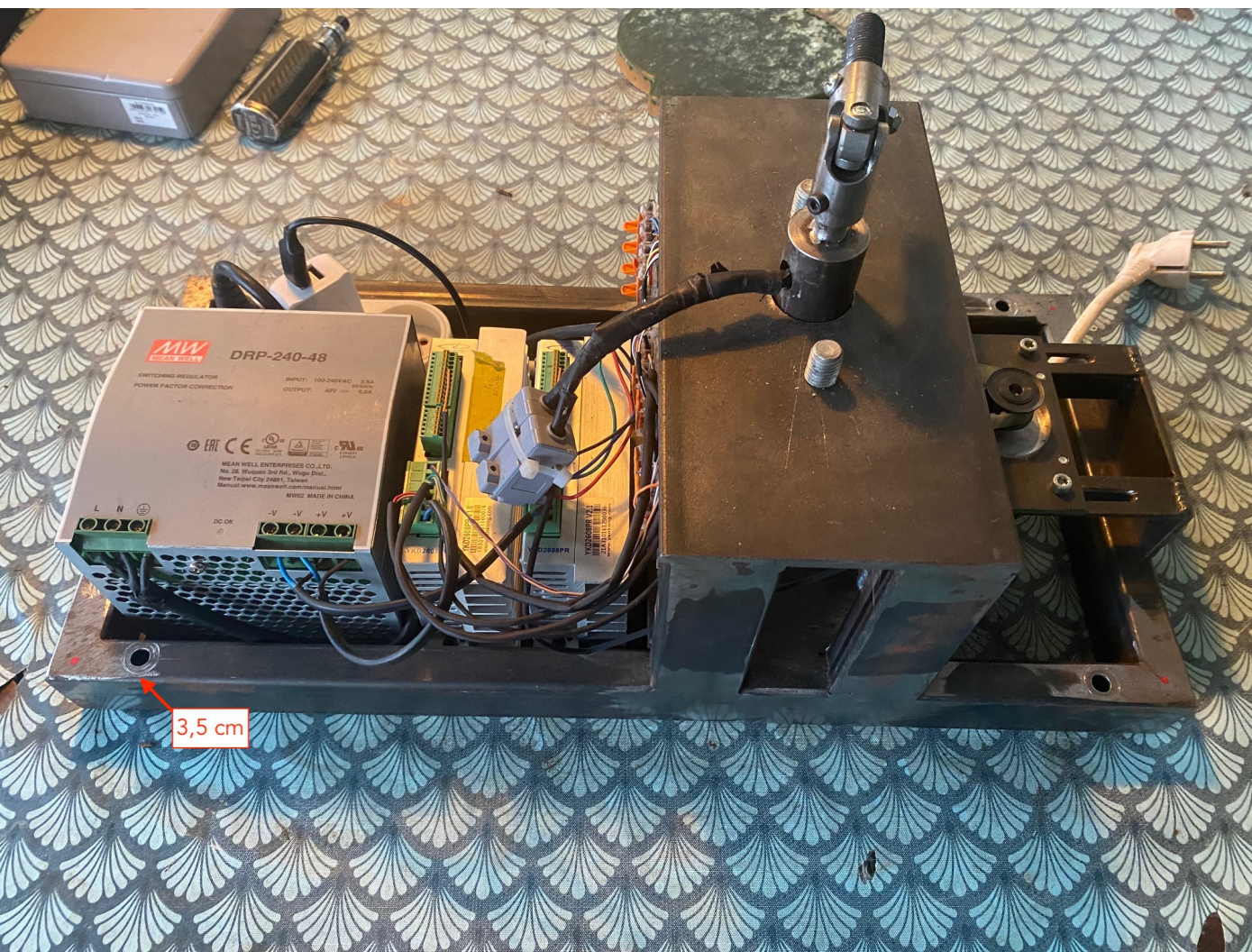
Otherwise, a lightning plan playing with the shadows

Acoustic Pendulum Prototype

Virgile Abela & Plateforme MAS-LMA-CNRS

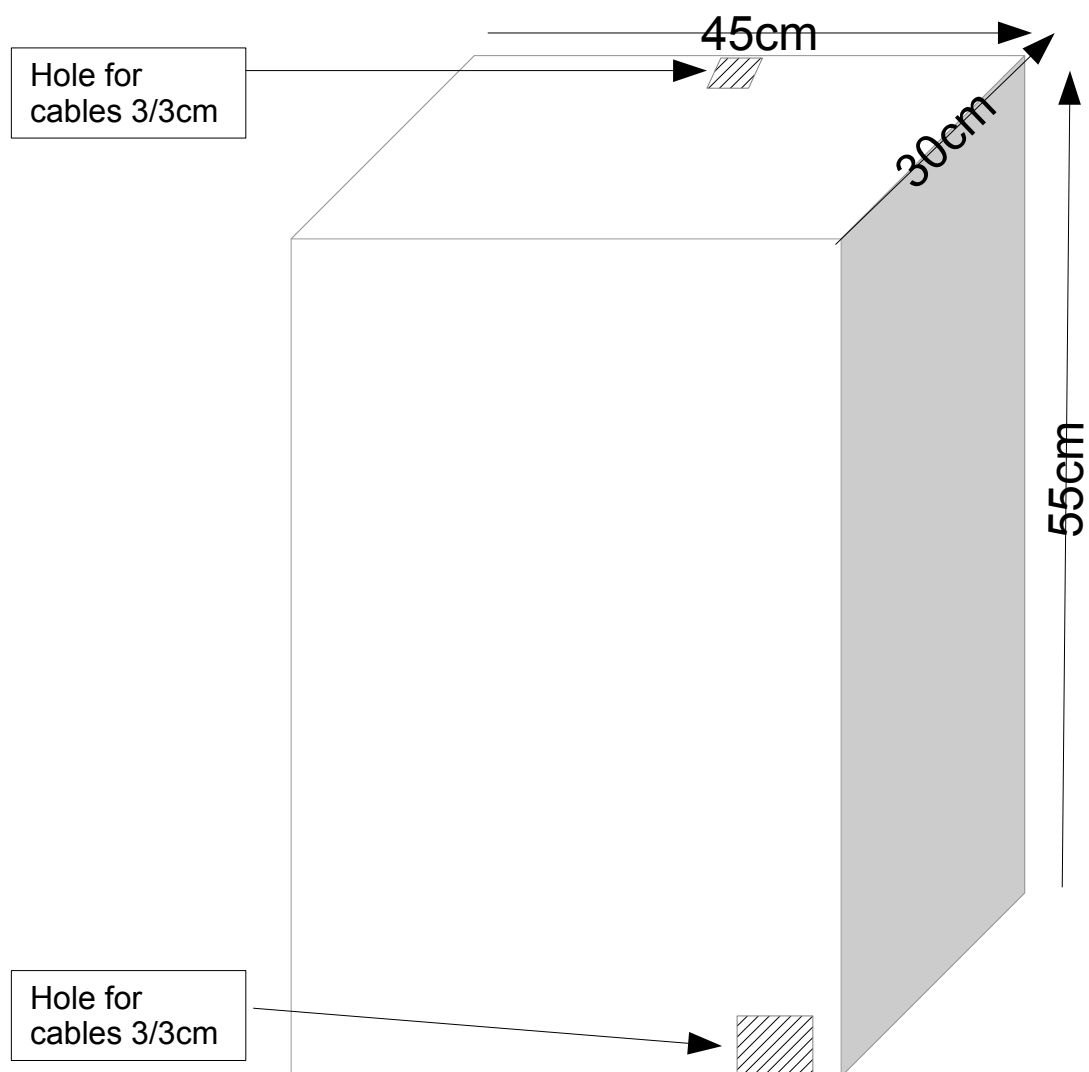






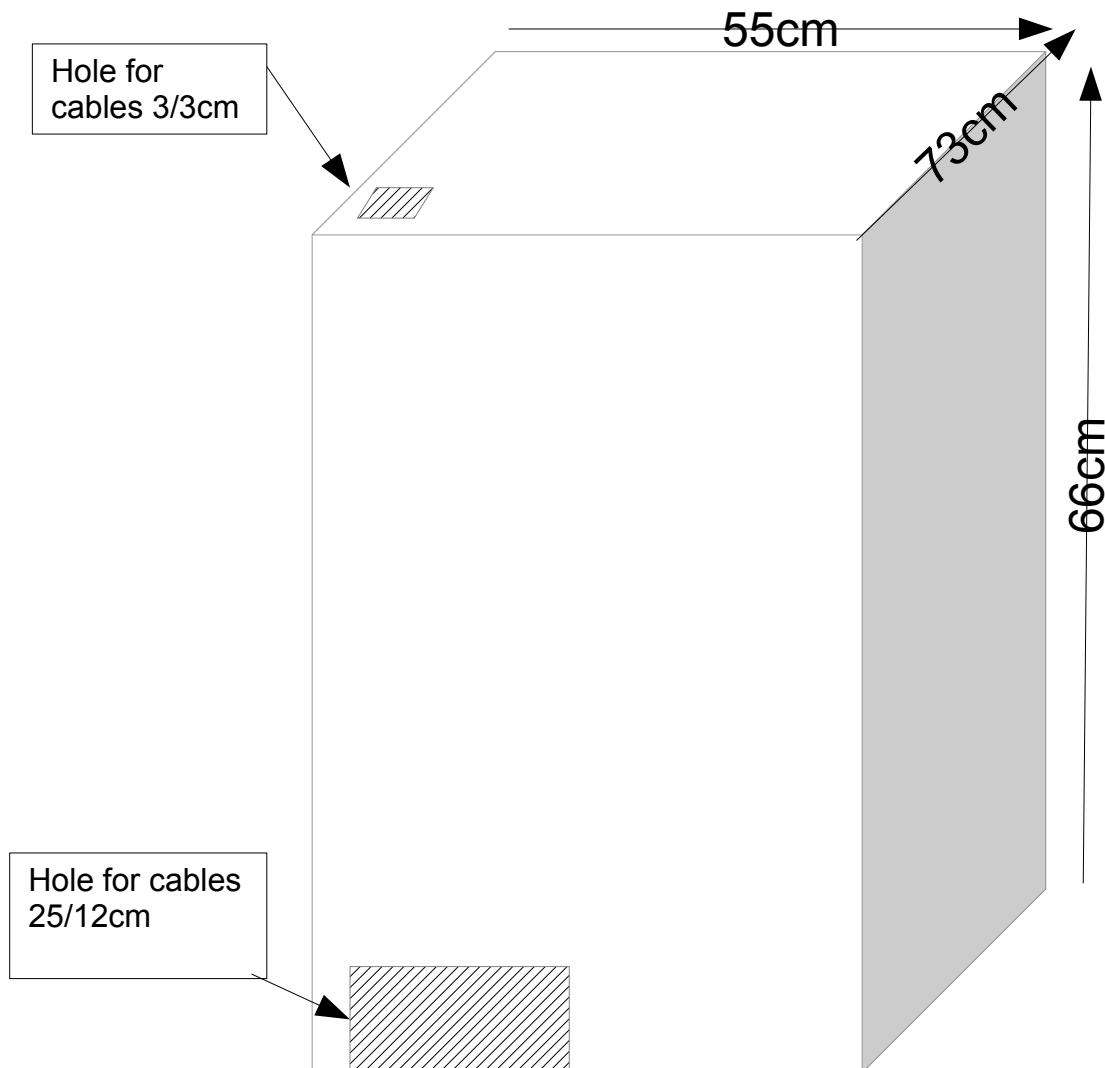
White base for the screen

Thanks !



White base for the flight-case (amp + sound card + computer)

Thanks !



Digital Timer Switch Instruction Manual

24/7 DAYS DIGITAL TIMER WITH RANDOM AND SUMMER TIME

This device is a plug-in timer switch designed to control the electric power to household appliances to save energy.

It has a built in battery to operate the clock and help you set the timer.

Before operation, please plug the unit into an outlet to recharge for about 5-10 minutes if the device is out of charge and shows nothing on the display.

Features

Alternative 12/24 hour system

Easily switch between Standard time and Summer time(DST)

Up to 10 times on/off setting per day

--Time setting includes **HOUR**, **MINUTE** and **DAY**

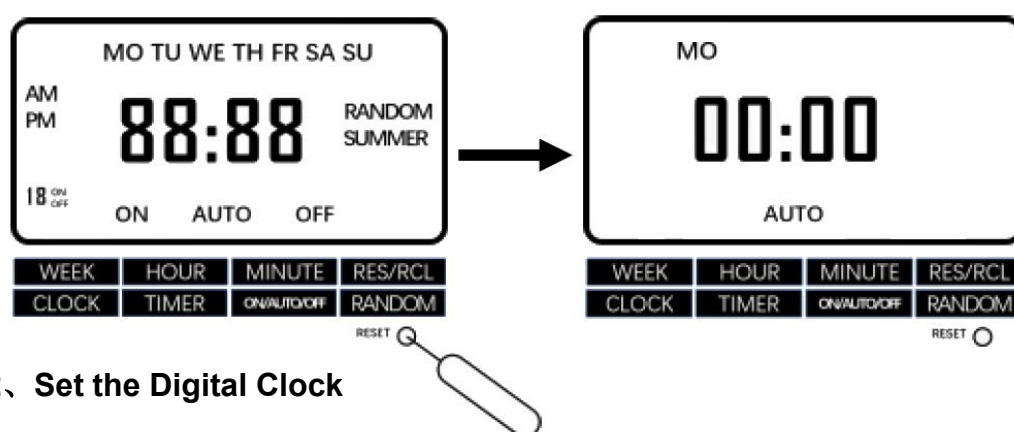
Manual override feature to set the timer switch to always on or off

Random setting to have your lights to go on and off at random times during vacation

1. Initial Setup

A. Use a paper clip to press the **[RESET]** button to clear all settings. The LCD will display information as shown in "Figure 1" and automatically enter the "Clock Mode" as shown in "Figure 2";

B. Then you can move to the next step.



2. Set the Digital Clock

When in the Clock Mode, LCD shows day, hour and minute.



For example, set the time as 9:30AM Tuesday:

TO adjust the WEEK DAY,simultaneously press the CLOCK and the WEEK button	
TO adjust the HOUR, simultaneously press the CLOCK and the HOUR button	
TO adjust the MINUTE, simultaneously press the CLOCK and the MINUTE button	
TO switch between 12hour/24hour mode,simultaneously press the CLOCK and the TIMER button	

★. Note: The 12hour/24hour default mode after RESET is 24hour Mode

3、Daylight Saving Time

To switch between standard Timer and Daylight-saving Time(DST)

First: Press and hold the **CLOCK** button.

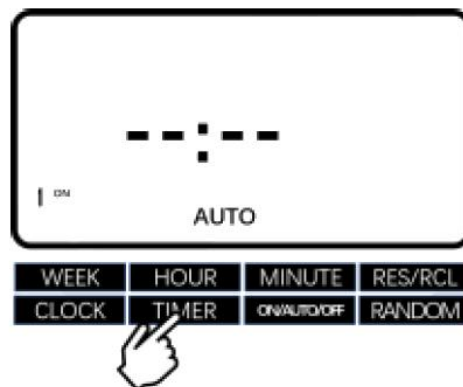
Then: Press and hold the **ON/AUTO/OFF** button.

There will be a **SUMMER** on the LCD. And the time will become the Daylight-saving Time(DST)



4、Set the timer

Press the **TIMER** button to enter the setting mode:



For example, set **TURN ON** at:
8:30AM on every weekday morning.

Step 1: Press the **WEEK** button to choose the group of days you wish to switch the appliance on.



The group will advance in the sequence of:

MO → TU → WE → TH → FR → SA → SU → MO TU WE TH FR SA SU →
MO TU WE TH FR → SA SU → MO TU WE TH FR SA → MO WE FR →
TU TH SA → MO TU WE → TH FR SA → MO WE FR SU

Step 2: Press the **HOUR** button to adjust the **hour**



Step 3: Press the **MINUTE** button to adjust the **minute**



Step 4: Press the **RES/RCL** button to delete /restore the most recent settings if necessary



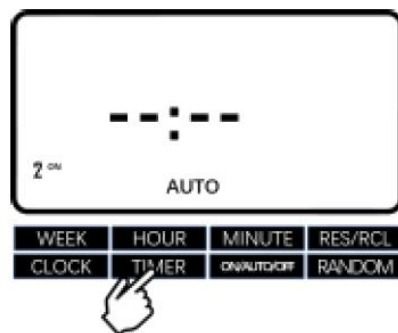
Step 5: Press the **TIMER** button to set OFF time. Repeat steps 1-4.



Step 6: Press the **CLOCK** button to exit the setting mode.



Step 7: Press the **TIMER** button to advance to the next on/off setting position. Repeat steps 1-6



- ★. Setting mode will exit if no button is pressed within 30 seconds. Your Setting will be saved.
- ★. Pressing the button **HOUR, MINUTE** or **TIMER** for more than 3 seconds will advance the settings at an accelerated rate.

5. Manual Operation

When the LCD displays as follows:

AUTO: The unit will operate as per the settings



ON: The unit will be set to always ON.



OFF: The unit will be set to always OFF.



- ★. Note: The group will advance in the sequence of: ON → AUTO → OFF → AUTO → ON