TECHNICAL HANDBOOK

User Interface Panel

CZ098 OT – CZ098A OT

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Power Supply

Voltage	18V DC
Max power consumption	0.5 VA

Environmental Specifications

Operating temperature range	from 0°C to +50°C
Storage temperature	from - 10°C to +60°C
Maximum relative humidity (non-condensing)	95%

Mechanical Specifications

CZ098 OT Panel Dimensions (LxWxH)	(135 x 33 x 20) mm
CZ098A OT Panel Dimensions (LxWxH)	(52 x 105 x 30) mm
Weight	approx. 90 g
Mounting position	any

1   Startup

The following information is displayed at 1 second intervals:

- ⅃--   firmware code

- ⊔--   firmware version

- ⌐--   firmware update

2   Introduction

This simple and intuitive panel is used to control, by means of three buttons, warm air pellet and biomass stoves.   It has a display, three buttons SW1, SW2 and SW3, and two LEDs DL1 and DL2. An IR remote control is also available.
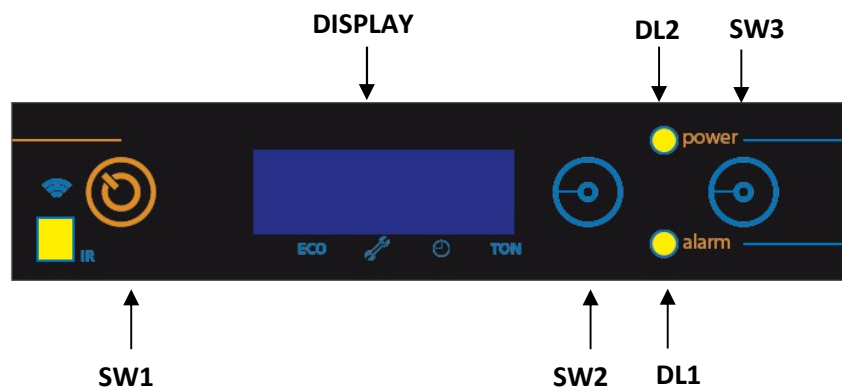
Figure 1: CZ098 OT Panel Front View
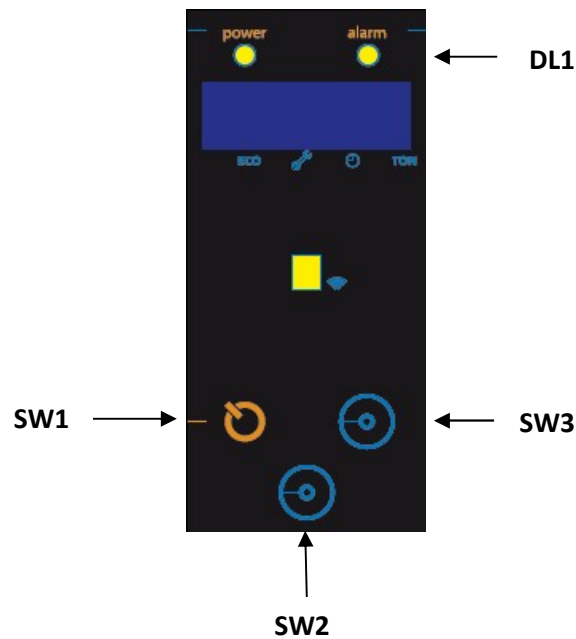
Figure 2: CZ098A OT Panel Front View

3   Stove Type

If no stove type is loaded on the board, the display will flash, alternating between the text "type" and "0". To load a stove type press SW1 (see Figure 1) and then use buttons SW2 and SW3 to scroll through and select the desired stove type. Press SW1 again to confirm the selection. After the reset, OFF will appear on the display.

4   Waiting State

In waiting (sleep) state the stove is off and the word OFF is shown on the display. After 10 seconds without changes the keypad, display brightness will dim to 20 % until the next time changes are made on the panel.

From this state the user can go to:

- Ignition/Shut Down operation by holding down the SW1 button for at least 3 seconds
- USER menu by holding down the SW2 button for at least 3 seconds (see section 8)
- INFO menu by holding down the SW3 button for at least 3 seconds (see section 9)

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5 Operation

By pressing the button SW1, the text corresponding to the set mode is displayed: **(AUto)** for automatic mode (desired temperature or thermostat settings) or **(ᵢMAnU)** for manual mode (fixed power). Press the button SW1 again to switch between the two modes. After 5 seconds the card state will appear again on the display. By pressing the button SW1 for at least 3 seconds, the command ON / OFF is sent to the card and the card state will automatically appear on the display.

In manual mode, by pressing the button SW2, the text corresponding to the set power, for example the power 3 **(PL3)**, starts flashing; press the button SW2 again to decrease the power value **(PL2)** to the minimum value. If the text is already blinking, press the button SW3 to increase the set power to the maximum value, otherwise, before increasing, the value is displayed as in the case of the first pressure of SW2. After 5 seconds the text will stop flashing and the card state will appear again on the display. By pressing the button SW1 the card state will appear again on the display.

In automatic mode, if the thermostat is not enabled, by pressing the button SW2, the text corresponding to the set room temperature, for example **(23)**, starts flashing; press the button SW2 again to decrease the temperature value **(22)** to the minimum value. If the text is already blinking, press the button SW3 to increase the set temperature to the maximum value, otherwise, before increasing, the value is displayed as in the case of the first pressure of SW2. After 5 seconds the text will stop flashing and the card state will appear again on the display. By pressing the button SW1 the card state will appear again on the display. In automatic mode, if the thermostat is enabled, the keys SW2 and SW3 have no function.

The table below shows the information appearing on the display and information on the LEDs DL1 (two-tone) and DL2 in relation to the state of the stove when running normally (no alarms)

State or Event	DL2 (Green)	DL1 (Red)	DL1 (Yellow)		Display
Stove in reset mode or no link with the stove	Slow flashing Ton=Toff=800ms	Slow flashing Ton=Toff=800ms	Off		Displays the following information in 1s intervals: ● ⅃-- Firmware ● ⴈ-- Version ● ⌐-- Update
Stove off in waiting state	1 pulse Ton=Toff=200ms Period = 2.4s	Off	REMOTE OFF	REMOTE ON	ₒFF
From OFF position to stove startup position	Slow flashing Ton=Toff=800ms	Off	Off	Same state as DL2	ₒFF
Stove starting up	Fast flashing Ton=Toff=200ms	Off			₁9ₙ
Stove on	On	Off			Temperature settings (in automatic mode without thermostat) Activated power (in automatic mode with thermostat) Power settings (in manual mode)

| Stove shutting down | Slow flashing Ton=Toff=800ms | Off | | | $5d^{l\prime}$ |

6 ALARM state

In case of an alarm, the alarm code $A--$ will be shown on the display.

If the alarm is reset on the stove, it returns to waiting state.

Press SW1 for 2 seconds to enable the release: it will then switch to CHECK-RELEASE state (section 7).

The table below provides information on LEDs DL1 and DL2 and the description provided on the display for each alarm.

State or Event	DL2 (Green)	DL1 (Red)	DL1 (Yellow)	Display
A01 Alarm : Ignition Failed	Off	On	Off	$A0\,1$
A02 Alarm: Flame Shut Down	Off	Slow flashing Ton=Toff=800ms	Off	$A02$
A03 Alarm: Pellet Tank Over-Temperature	Off	Off	2 pulses Ton=Toff=200ms Period = 2.4s	$A03$
A04 Alarm: Fumes Over-Temperature	Fast flashing Ton=Toff=200ms	Fast flashing Ton=Toff=200ms	Off	$A04$
A05 Alarm: Fumes Pressure Switch Alarm	Off	Fast flashing Ton=Toff=200ms	Off	$A05$
A06 Alarm : Combustion Airflow Alarm	Off	2 pulses Ton=Toff=200ms Period = 2.4s	Off	$A06$

A07 Alarm: Door Open	Off	3 pulses Ton=Toff=200ms Period = 2.4s	Off	*A07*
A08 Alarm: Fumes Extractor Error	Off	Off	1 pulse Ton=Toff=200ms Period = 2.4s	*A08*
A09 Alarm: Fumes Temp. Sensor Error	Off	Off	3 pulses Ton=Toff=200ms Period = 2.4s	*A09*
A10 Alarm: Pellet Igniter Error	Fast flashing Ton=Toff=200ms	Off	Fast flashing Ton=Toff=200ms	*A10*
A11 Alarm: Pellet Feeder Error	Off	Off	Fast flashing Ton=Toff=200ms	*A11*
A15 Alarm: Pellet Level Alarm	Off	1 pulse Ton=Toff=200ms Period = 2.4s	Off	*A15*
A16 Alarm: Water Pressure Out of Range	Off	Off	4 pulses Ton=Toff=200ms Period = 2.4s	*A16*
A17 Alarm: Pellet Tank Door Open	Off	Off	Slow flashing Ton=Toff=800ms	*A17*
A18 Alarm: Water Tank Over-Temperature	Off	4 pulses Ton=Toff=200ms Period = 2.4s	Off	*A18*

7   CHECK-RELEASE State

rSt will flash on the display. Hold down the button SW3 for 2 seconds to restore the correct functioning of the device after an alarm message.

8   User Menu

Press button SW2 for 3 seconds to go to the "User Menu" where several operating parameters can be set. Use buttons SW2 and SW3 to scroll through the menu. The parameters are shown in the following order:

- Enable Ecostop **(Eco)**

- Pellet Recipe **(PELr)**

- Charge Pellet **(UPPF)** (Only with stove in OFF)

- Brazier Cleaning **(cLEA)** (Only with stove in OFF)

- Room Thermostat **(Ath)**

- Combustion Airflow Offset **(CAO).** Adjustments from the User menu between +/-10

- Year **(YEAr)** (only with RTC present; hundredths, tenths and unit)

- Month **(mont)** (only with RTC present)

- Day **(dAY)** (only with RTC present)

- Day of the Week **(dUE)** (only with RTC present)

- Hour **(HoU)** (only with RTC present)

- Minutes **(min)** (only with RTC present)

- Chrono **(Chr)** (only with RTC present)

- Language **(LAng)** (It, En, Fr, ES, Pt)

- Enabling IR **(FrC)**: required to accept commands sent by the IR remote control and forward them to the stove (The "alarm" LED flashes green color).

- Technical Menu ($\bar{n}tEc$) (I or II Level Password)

The display alternates between the description and the value each second for each parameter.

Press SW2 to go to the next parameter or press SW3 to go back to the previous parameter. Press button SW1 to confirm the parameter. The value can be changed using the buttons SW2 (decrease) and SW3 (increase) and confirmed by pressing the button SW1 (the value flashes while it is being changed). The display will return to waiting state from the "User Menu" 20 seconds after pressing the last button or by holding down either button SW2 or button SW3 for at least 2 seconds.

8.1 Enabling Ecostop

Ecostop is a special function that shuts off the stove when the temperature set on the panel or on the external room thermostat is reached.

Therefore, when the Ecostop function is enabled (by setting On in the User Menu), once the temperature indicated on the panel or set on the room thermostat is reached, the stove will shut off and then automatically turn back on when the room temperature lowers. That is the theory behind this function. Practically speaking, this function operates as follows:

- Manual Mode and Room Thermostat disabled
  - o Ecostop function disabled: the stove remains on at the selected power level.
  - o The Ecostop function is disabled each time automatic mode is switched to manual mode.
- Manual Mode and Room Thermostat enabled
  - o The stove shuts off after a waiting time from the opening of the Room Thermostat and starts back up when the thermostat closes. The maximum power level is limited to the value selected on the panel. Therefore, the stove operates in On-Off mode, where the On power corresponds to the value set on the display, while the Off power corresponds to the stove shut off.
- Automatic Mode and Room Thermostat disabled
  - o The Ecostop function will cause the stove to shut off after a waiting time from reaching temperature value set on the panel . It starts back up in function of the set time and temperature delta. The power values implemented while the stove is on will be automatically adjusted based on the room temperature to reach.
- Automatic Mode and Room Thermostat enabled

- o The Ecostop function operates according to the room thermostat only. The temperature set on the panel is irrelevant. The power values enabled while the stove is On will be automatically adjusted based on the room temperature to reach. The stove switches off after a waiting time from the opening of the thermostat.
- This function can be disabled/enabled only through the User Menu.

Note: When the Ecostop function is enabled, a small dot will appear in the bottom left hand corner of the display (first digit from left). This dot is only shown in the "Waiting" menu.

8.2   Pellet Recipe

If all operating values of the pellet feeder need to be changed at the same time, it can be done via the Pellet Recipe values by going to the User Menu, pressing button SW1 and selecting $PELr$. The Pellet Recipe value can be adjusted to a higher or lower value by pressing buttons SW3 or SW2 (the value will flash while changes are being made). To confirm the value press the button SW1.

8.3   Charge pellet

The CHARGE PELLET function controls the preloading of the pellets in the brazier and is available ONLY when the stove is off.

When the user confirms activation **(On)** by pressing button SW1, the pre-loading process starts: the display will alternate each second between showing the $UPPF$ description and the On state until the user presses button SW1 to stop the procedure and return to the "User Menu".

8.4   Brazier Cleaning

The BRAZIER CLEANING function controls the extractor fan which is enabled to run at full speed. This function is available ONLY if the stove is off.

When the user confirms activation **(On)** by pressing button SW1, the cleaning process starts: the display will alternate each second between showing the $cLEA$ description and the On state until the user presses button SW1 again to stop the procedure and return to the "User Menu".

8.5   Room Thermostat

The ROOM THERMOSTAT function modulates the power output of the stove by means of an external contact (if provided).

Press button SW1 to confirm activation **(On)** of the parameter AtH (Room Thermostat).

When the user selects **Ath** using the button SW1, the display will alternate between showing the function (**Ath**) and the state. By pressing the button SW1 again only the state will be shown (**On** or **oFF**). At this point, the state can be changed using the buttons SW2 and SW3. Press the button SW1 to confirm.

Note: When the Room Thermostat is enabled a small dot will appear on the bottom right hand corner on the display (digit from right). This dot is only shown in the "Waiting" menu.

8.6 Combustion Airflow Offset

The COMBUSTION AIRFLOW OFFSET function serves to change the speed of the fumes extractor or, if present, the Airflow value by a certain percentage. In the User Menu, this value can be changed between -10 and + 10. The Combustion Airflow Offset value can be increased or decreased by pressing buttons SW3 or SW2 (the value will flash during modification). To confirm the value press the button SW1.

8.7 Date and Time Settings

To set the date and time go to the User Menu and select the functions shown in the table below by pressing button SW1. Press buttons SW3 or SW2 to increase or decrease the value and press button SW1 to confirm.

 The functions listed below are shown in the order they appear in the User Menu. Press SW2 to go to the next parameter (e.g. from Year to Month) or press SW3 to return to the previous parameter.

Function Name	Function Display
Year	YEAr
Month	mont
Day	dAY
Day of the week	dyE
Hour	HoU
Minutes	min

8.8 CHRONO (Timer) Function

The CHRONO function (available only with RTC present) will automatically switch the stove on or off at a certain time according to the current programme selected. The CHRONO function can be disabled **(oFF)**, set to one of the 10 preset weekly programmes **(P--)** (see table on page 23) or set on daily programmes (see table on page 24). If the daily programme is selected, the user needs to select one of the 61 preset daily programmes for each day of the week:

1.   *ii--*   daily programme for Monday

2.   *t--*   daily programme for Tuesday

3.   *ii--*   daily programme for Wednesday

4.   *h--*   daily programme for Thursday

5.   *F--*   daily programme for Friday

6.   *S--*   daily programme for Saturday

7.   *U--*   daily programme for Sunday

For each day of the week press the button SW2 to decrease or the button SW3 to increase the flashing parameter of the preset daily programme. Press button SW1 to confirm the last parameter shown and go to the next day. After setting up the programme for Sunday, the settings are saved in the non-volatile memory and the display returns to the "User Menu" screen. The display will return to the "User Menu" if no button is pressed for 20 seconds.

ℹ️   **Note:** When the Chrono function is enabled, a small dot is shown in the bottom right hand corner of the display (third digit from left). This dot is only shown in the "Waiting" menu.

ℹ️ **Caution:** All Chrono functions will be reset if Jumper JP1 is disconnected from the panel

8.9 Select Language Function

The SELECT LANGUAGE function is used to select the language desired to facilitate user understanding. The languages available are listed in the table. When the user selects **"LAng"** by pressing button SW2, the display will alternate between the description **"LAng"** and the currently selected language

(I t, En, Fr, ES, Pt). By pressing the button SW1 again, only the currently selected language will be shown. At this point, the language can be changed using the buttons SW2 and SW3. Press the button SW1 to confirm.

	ITALIAN (I t)	ENGLISH (En)	FRENCH (Fr)	SPANISH (ES)	PORTUGUESE (Pt)	
OFF	oFF	oFF	oFF	oFF	oFF	
Start up	Acc	I Gn	ALL	Enc	Act	
ON	On	On	On	On	On	OPERATION STATE
Shutting down	SPE	Sd''	Arr	APA	dES	
Release	SbL	rSt	rSt	L ib	uEr	
Alarms	A--	A--	A--	A--	A--	

Fumes Temperature	tFU	FUt	tFU	tHU	tFU	
Room Temperature	tA̅ib	A̅ibt	tA̅ib	tA̅ib	tA̅ib	
Fumes Extractor Rate	G ir i	rP̅i	tri̅i	rP̅i	rP̅i	
Air Flow	Por	AFL	AI r	FLA	Si̅Ar	
Service time	SEr	SEr	SEr	SEr	SEr	
Stove Type	t iPo	tYPE	tYPE	t iPo	t iPo	INFO
Panel Firmware Version	F ir	F ir	F ir	F ir	F ir	
Panel Firmware Update	rEL	rEL	rEL	rEL	rEL	
Motherboard Firmware Version	F iri̅i	i̅iF ir	F iri̅i	F iri̅i	F iri̅i	
Motherboard Firmware Update	rELi̅i	i̅irEL	rELi̅i	rELi̅i	rELi̅i	
Operating state	StAt	StAt	StAt	StAt	StAt	

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CEZA
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	ITALIAN (It)	ENGLISH (En)	FRENCH (Fr)	SPANISH (ES)	PORTUGUESE (Pt)	
Ecostop	Eco	Eco	Eco	Eco	Eco	USER MENU
Pellet Recipe	rPEL	PELr	rPEL	rPEL	rPEL	
Charge pellet	cPEL	UPPF	Chgr	CAPE	CAPE	
Brazier Cleaning	Pbr	cLEA	nEtt	L inP	L inP	
Room Thermostat	tErA	Ath	thA	tErA	tErm	
Combustion Air Offset	OAC	CAO	OAC	OAC	OAC	
Select Language	L in	LAn9	LAn9	I dI o	L in9	
Remote Control Automatic Detection	Frc	Frc	Frc	Frc	CrE	
Technical Menu	mtEc	mtEc	mtEc	mtEc	mtEc	

Year	Anno	YEAr	Ann	Ano	Ano	CLOCK
Month	mESE	mont	mo i	mES	mES	
Day	9 io	dAY	JoU	d iA	d iA	
Day of the week	9SEt	dUE	JSE	dSE	dSE	
Hour	OrA	HoU	HEU	Hor	Hor	
Minutes	mI n	mi in	mi in	mi in	mi in	
Chrono	Cro	Chr	CHr	Cro	Cro	

Chrono Programme	Pro9	Pro9	Pro9	Pro9	Pro9	CHRONO
	L--	m--	L--	L--	9--	
	m--	t--	m--	m--	t--	
	E--	U--	E--	E--	9--	
	9--	h--	J--	J--	I --	

	u - -	F - -	u - -	u - -	H - -
	5 - -	5 - -	5 - -	5 - -	5 - -
	d - -	U - -	d - -	d - -	d - -

Technical Menu Password	PA55	PA55	PA55	PA55	PA55

8.10 Technical Menu

Access to the Technical Menu (⁻⁻tEc) is allowed only to a specialized technical.

To exit of the "Technical Menu" wait around 20 seconds and the panel exit from the Menu automatically or hold down at the same time both buttons SW2 and SW3 for at least 2 seconds.

8.11 Operating STATE

The operating state of the stove can be viewed in the Info Menu under the item "STAT".

Manual	⁻⁻AnU
Automatic	AUto
Stove OFF	OFF
Pre-Startup 1	P5U 1
Pre-Startup 2	P5U2
Warm Pre-Startup	⁻⁻P5U
Startup A	5UA
Startup B	5Ub
Fire ON	F1 On

Shutdown A	5dA
Shutdown B	5db
Cooling	COOL
Brazier Cleaning	brCL
Power level 1	PL 1
Power level 2	PL2
Power level 3	PL3
Power level 4	PL4
Power level 5	PL5
Power level 6	PL6
Sanitary Mode Power level	PL5A

9 INFO Menu

Press button SW3 to go to the "Info Menu". Several operating parameters can be viewed here. Scroll through the menu items using the buttons SW2 and SW3. The parameters in this menu appear in the following order:

- Fumes Temperature **(FUt)** in °C

- Room Temperature **(Ambt)** in °C

- Fumes Extractor Rate **(rPm)** in rpm x10

- Service hours **(SEr)** in h (first for 1 second the value x1000, then for 1 second hundredths, tenths and unit)

- Stove Type **(tYPE)**

- Panel Firmware Version **(FI r)**

- Panel Firmware Update **(rEL)**

- Motherboard Firmware Version **(mF ir)**

- Motherboard Firmware Update **(mrEL)**

- Logic State **(StAt)**

The display will alternate between the description and the value of each parameter each second.

Press SW2 to go to the next parameter or press SW3 to return to the previous parameter. The display will return to waiting state 20 seconds after pressing the last button or by holding down either button SW2 or button SW3 for at least 2 seconds.

ℹ️ **Note:** once the Service hours have been reached, a dot on the bottom left side of the display will appear (second digit from left). This dot is only shown in the "On" state.

10 Stove Test

The Stove Test function controls the activation of the motors and loads present on the stove. This operation can be carried out only when the stove is off. When parameter **C999** is set to **On**, the stove testing procedure starts: the display will alternate each second between the **tESt** description until the user presses one of the three buttons for at least 2 seconds.

The loads are activated in a timed sequence. The activation sequence and the duration of each activation depend on the parameters set in the stove type of board. There is a 2 seconds interval between each step. A beep will signal the start of each phase. A double beep will signal the end of the testing phase.

11 Remote Control

The panel has a receiving device for the infra-red remote control (see Figure 3). To enable the remote control , set the parameter (FrC) to (On).
If the remote control is enabled the two LEDs DL1 and DL2 will flash green color.

Figure 3– Remote control

The commands sent by the user using the remote control will function only if the remote control is enabled and are as follows:

- Start/ stop stove in last mode set.

- Exchanger speed control. If the stove is fitted with a dual fan, see section 11.1.

- Flame level control. This setting works only if the stove has received an On command and if ECO mode is disabled. If the stove is in automatic made, it is changed to manual mode.

The setting of fan speed and flame level works only if the remote control sends an On command.

11.1 Dual Fan controlled via IR Remote Control

The management of the dual fan via IR remote control is managed in combination by the comfort firmware of the board and the firmware of the panel used.
The buttons involved are those marked in the in the "FAN" box.

11.2 Fan Change

This function is available only if 2 fan is enabled on board. By holding down (2 seconds) the "Auto" button, the panel will switch which fan is controlled and send an automatic level settings command. Fan change takes place holding down the button; a short press of the button will enable the automatic level of the fan in use.

11.3 Increasing Level

By pressing the button "+", the panel will send a specific command to the board; this command will indicate the fan that must be controlled.

The increase command will beep as follows:

- short beep, to change fan 1
- long beep, to change and reach the maximum level that can be set on fan 1
- two short beeps, to change fan 2
- one short beep and one long beep, to change and reach the maximum level that can be set on fan 2

11.4 Decreasing Level

By pressing the button "-", the panel will send a specific command to the board; this command will indicate the fan that must be controlled.

The decrease command will beep as follows:

- short beep, to change fan 1
- long beep, to change and reach the minimum level that can be set on fan 1
- two short beeps, to change fan 2
- one short beep and one long beep, to change and reach the minimum level that can be set on fan 2

11.5 Automatic Level

By pressing the button "Auto", the panel will send a specific command to the board; this command will indicate the fan that must be controlled. Press the button to change the level.

The corresponding command will beep as follows:

- short beep, to change fan 1
- two short beeps, to change the fan 2

12 Appendix A

Table of predefined weekly schedules

N°	PROGRAM TYPE	DAYS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
P01	HOUSEWIFE	Mo-Fr							█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
		Sa-Su							█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
P02	WORKER/ EMPLOYEE 1	Mo-Fr							█	█	█									█	█	█	█	█	█	
		Sa-Su							█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
P03	WORKER/ EMPLOYEE 2	Mo-Fr							█	█	█			█	█		█	█		█	█	█	█	█	█	
		Sa-Su							█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
P04	WORKER/ EMPLOYEE 3	Mo-Fr				█	█	█	█					█	█	█				█	█	█	█	█		
		Sa-Su							█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█		
P05	WORKER/ EMPLOYEE 4	Mo -Sa							█	█	█				█	█				█	█	█	█	█		
		Su							█	█	█	█	█					█	█	█	█	█	█			
P06	WORKER/ SHIFT WORK.	Mo-Fr							█	█							█	█	█	█	█	█	█	█	█	
		Sa-Su								█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	
P07	MERCHANT	Mo-Fr							█	█	█			█	█	█			█	█	█	█	█			
		Sa-Su							█	█	█			█	█	█			█	█	█	█	█			
P08	MERCHANT 2	Mo-Fr							█	█								█	█	█	█					
		Sa-Su							█	█	█	█	█	█	█	█	█	█	█							
P09	BUSINESS	Mo-Fr								█	█			█	█											
		Sa-Su																								
P10	WEEK-END	Fr																		█	█	█	█	█	█	█
		Sa-Su								█	█	█	█	█	█	█	█	█	█	█	█	█	█	█		

13 Appendix B

Table of predefined daily schedules

N° Pr	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
00																								
01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
02								X	X	X														
03							X	X	X															
04						X	X	X	X															
05												X	X	X	X									
06													X	X	X	X								
07													X	X	X	X	X	X	X	X	X	X	X	X
08															X	X	X	X	X	X	X	X		
09																		X	X	X	X	X		
10																			X	X	X	X	X	X
11						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
12							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
13								X	X	X	X	X	X	X	X	X	X	X	X	X				
14								X	X	X		X		X	X									
15								X	X	X		X		X		X								
16							X	X	X			X	X	X										
17							X	X	X				X	X	X									
18						X	X	X					X	X	X									
19						X	X	X					X	X	X									
20								X	X	X								X	X	X	X	X		
21								X	X	X									X	X	X	X	X	X
22							X	X	X									X	X	X	X	X		
23							X	X	X										X	X	X	X	X	X

Daily Schedules

N° Pr	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
24						█	█	█	█									█	█	█	█	█	█	
25						█	█	█	█										█	█	█	█	█	█
26												█	█	█	█			█	█	█	█	█	█	
27												█	█	█				█	█	█	█	█	█	█
28													█	█	█		█	█	█	█	█	█	█	
29													█	█	█			█	█	█	█	█	█	█
30								█	█	█		█	█	█				█	█	█	█	█		
31								█	█			█	█	█	█			█	█	█	█	█		
32								█	█			█	█	█	█	█	█	█	█	█	█	█		
33								█	█			█	█	█	█	█	█	█	█	█	█			
34								█	█			█	█	█	█			█	█	█	█	█	█	█
35								█	█	█		█	█	█	█	█	█	█	█	█	█	█		
36								█	█	█			█	█	█	█	█	█	█	█	█	█		
37						█	█	█	█			█	█	█			█	█	█	█	█	█		
38						█	█	█	█			█	█	█			█	█	█	█	█	█		█
39						█	█	█	█			█	█	█	█	█	█	█	█	█	█	█		
40						█	█	█				█	█	█	█	█	█	█	█	█	█	█		
41						█	█	█				█	█	█	█	█			█	█	█	█		█
42						█	█	█				█	█	█	█	█	█	█	█	█	█	█		
43						█	█	█				█	█	█			█	█	█	█	█	█		
44						█	█	█	█				█	█			█	█	█	█	█	█		
45						█	█	█	█				█	█			█	█	█	█	█	█		█
46						█	█	█	█				█	█	█	█	█	█	█	█	█	█		
47						█	█	█	█				█	█	█	█	█	█	█	█	█	█		
48						█	█	█	█				█	█	█	█		█	█	█	█	█	█	█
49						█	█	█	█				█	█	█	█	█	█	█	█	█	█		
50						█	█	█	█				█	█	█			█	█	█	█	█		
51								█	█	█	█							█	█	█	█			
52										█	█	█	█					█	█	█	█			

Daily Schedules																								
N° Pr	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
53												█	█	█	█				█	█	█	█	█	█
54				█	█													█	█	█	█	█		
55				█	█											█	█	█	█	█				
56				█								█	█	█					█	█	█	█	█	
57									█	█									█	█	█	█	█	█
58								█	█									█	█	█	█	█		
59				█	█							█	█	█										
60							█	█				█	█	█				█	█	█	█			

Notes