

Technical Bulletin

Number	098
Subject	Panasonic Detailed Settings via CZ-RTC2
Date	12 February 2015




The Panasonic **CZ-RTC2** controller can be used to commission the ECO-I or PAC-I range of equipment.

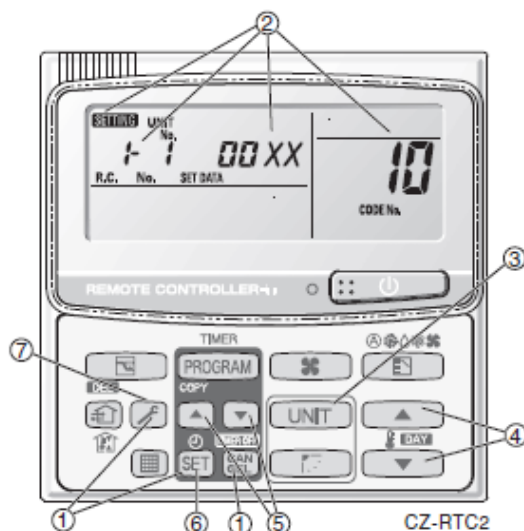
This document concentrates on DETAILED SETTINGS

This can be done on a controller installed local to the Indoor Unit.



Commissioning

- 1) Press  **SPANNER (1)**,  **SET (6)** and  **CANCEL** buttons together for four or more seconds. **SETTING**, the **UNIT No**, **ITEM CODE** (default is 10) and **SETTINGS DATA** (default is 00XX) will illuminate on the controller as per the diagram below. This will immediately show you the address of the unit that you are working on. Please make a note of this if you are making changes to that particular unit.



The Indoor Fan will operate at this time.

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For split systems, or systems in a group (typically twin or triple split), Press the **UNIT** button (3) and select **ALL**. This will be shown in the main window above **SET DATA**.

- 2) If you are making an adjustment to a specific unit address then press **UNIT (3)** to select the Address of the unit to which you wish to make the changes to.





- 3) Press the **TEMPERATURE (4)** button to select the ITEM CODE to change. All item codes are displayed on pages 3-7 of this document.



- 4) Press the **TIMER (5)** button to select the SETTING CODE DATA to change. All item codes are displayed on pages 3-7 of this document.

For example, see below for **ITEM CODE** and **SETTING CODE DATA** below. This example shows ITEM CODE 12 (set via **TEMPERATURE (4)**) and SETTING CODE 0001 – 0099 (set via **TIMER (5)**). This allows you to change or set the address on a unit

Item code	Item	Setting data					
		No.	Description	No.	Description	No.	Description
12	System address	0001	Unit No. 1				
		0002	Unit No. 2				
		0003	Unit No. 3				
		}	}				
		0030	Unit No. 30				
		0099	Not set				

- 5) To leave this menu press  **SET (6)** and wait for up to ten seconds.
- 6) Then press  **SPANNER (1)** to return to normal remote menu.

Please note: Once the spanner button is pressed controller is none operational for at least 30 seconds.

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List of Detailed Setting Items

Item code	Item	Setting data					
		No.	Description	No.	Description	No.	Description
10	Type	0001	4-Way Casstle (60x60) (U1, Y1)	0002	2-WAY Cassette (L1)	0003	1-Way Cassette (D1)
		0005	Low Silhouette Ducted (F1) Slim Low Static Ducted (M1)	0006	High Static Pressure Ducted (E1)	0007	Ceiling (T1)
		0008	Wall mounted (K1)	0010	Floor Standing (P1)	0011	Concealed Floor Standing (R1)
11	Indoor unit capacity	0001	22 (Type 22)	0003	28 (Type 28)	0005	36 (Type 36)
		0007	45 (Type 45)	0009	56 (Type 56)	0011	71 (Type 73) For S-71MP1E5 and S-71MR1E5
		0012	80 (Type 73) (Except S-71MP1E5, S-71MR1E5)	0013	90 (Type 90)	0015	112 (Type 106)
		0017	140 (Type 140)	0018	160 (Type 160)	0021	224 (Type 224)
		0023	280 (Type 280)				
12	System address	0001	Unit No. 1				
		0002	Unit No. 2				
		0003	Unit No. 3				
		}	}				
		0030	Unit No. 30				
		0099	Not set				
13	Indoor unit address	0001	Unit No. 1				
		0002	Unit No. 2				
		0003	Unit No. 3				
		}	}				
		0064	Unit No. 64				
		0099	Not set				
14	Group control address	0000	Individual (1:1 = Indoor unit with no group wiring)				
		0001	Main unit (One of the group-control indoor units)				
		0002	Sub unit (All group-control indoor units except for main unit)				
		0099	Not set				
17	Cooling intake temperature shift	-010	Shifts intake temperature by -10°C.				
		-009	Shifts intake temperature by -9°C.				
		}	}				
		-001	Shifts intake temperature by -1°C.				
		0000	No intake temperature shift				
		0001	Shifts intake temperature by +1°C.				
		}	}				
		0009	Shifts intake temperature by +9°C.				
		0010	Shifts intake temperature by +10°C.				
18	Automatic stop time after operation start *Can be set in 5-minute units.	0000	Function disabled				
		0001	Stops automatically 5 minutes after operation starts.				
		0002	Stops automatically 10 minutes after operation starts.				
		}	}				
		0123	Stops automatically 615 minutes after operation starts.				
		0124	Stops automatically 620 minutes after operation starts.				
0125	Stops automatically 625 minutes after operation starts.						

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Item code	Item	Setting data			
		No.	Description		
1b (1B)	Forced thermostat ON time	0000	5 minutes		
		0001	4 minutes		
1c	Cooling discharge temperature shift	-010	-10°C		
		-009	-9°C		
		-008	-8°C		
		}	}		
		0010	10°C		
1d	Heating discharge temperature shift	-010	-10°C		
		-009	-9°C		
		-008	-8°C		
		}	}		
		0010	10°C		
1e	Temperature shift for cooling/heating change in "Auto Heat/Cool" mode	0001	±1°C		
		0002	±2°C		
		0003	±3°C		
		}	}		
		0007	±7°C		
1f (Upper limit) 20 (Lower limit)	Change to remote control temperature setting range	Cooling	0018	18°C (Lower limit at time of shipping)	
			0019	19°C	
			}	}	
			0029	29°C	
			0030	30°C (Upper limit at time of shipping)	
			0016	16°C (Lower limit at time of shipping)	
		Heating	0017	17°C	
			}	}	
			0029	29°C	
			0030	30°C (Upper limit at time of shipping)	
			Drying	0018	18°C (Lower limit at time of shipping)
				0019	19°C
}	}				
0029	29°C				
25 (Upper limit) 26 (Lower limit)	Autb heatcool	0030	30°C (Upper limit at time of shipping)		
		0017	17°C (Lower limit at time of shipping)		
		0018	18°C		
		}	}		
		0026	26°C		
29	Humidifier operation	0000	Normal		
		0001	Ignore heat exchanger temperature conditions.		
2a	Filter (CN70) input switching	0000	Filter input (differential pressure switch input)		
		0001	Alarm input (for trouble input about air cleaner or similar device)		
		0002	Humidifier input (Operates linked with drain pump when humidifier is ON.)		
2c	Indoor unit electronic control valve	0000	Present (Setting at time of shipping)		
		0002	None		
2e	T10 terminal switching	0000	Normal (Used as optional relay PCB or JEMA standard HA terminal.)		
		0001	Used for OFF reminder		
		0002	Fire prevention input		

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Item code	Item	Setting data	
		No.	Description
2F	Automatic drain pump operation	0000	No forced operation
		0001	Forced operation for 1 minute
		}	}
		0060	Continuous operation
31	Ventilation fan operation	0000	None
		0001	Ventilation fan operated by remote controller.
32	Wired remote controller sensor	0000	Not used. (Body sensor is used.)
		0001	Remote control sensor is used.
34	"Operation change control in progress" display	0000	Normal (displayed)
		0001	Not displayed
35	OFF reminder function for when weekly timer is used	0000	None
		0001	Only stop time setting is enabled.
3A	Discharge temperature control	0000	Discharge temperature control OFF
		0001	Discharge temperature control ON
3C	Heat exchanger temperature for cold air discharge (Heat exchanger control point for control to prevent cold air)	0013	Control temperature 13°C
		0014	Control temperature 14°C
		}	}
		0025	Control temperature 25°C
		0026	Control temperature 26°C
3d	Fan output switching	0000	Output linked with fan. (ON when indoor unit fan is operating.)
		0001	Fan mode operation output
3E	Drain pump delayed start time	0000	No delayed start
		0001	1 sec. delayed start
		0002	2 sec. delayed start
		}	}
		0058	58 sec. delayed start
		0059	59 sec. delayed start
		0060	60 sec. delayed start
40	Humidifier setting	0000	Humidifier output OFF. Drain pump stopped.
		0001	Humidifier output ON. Drain pump operates.
		0002	Humidifier output ON. Drain pump operates for 1 minute when total humidifier operating time reaches 60 minutes.
		0003	Humidifier output ON. Drain pump stopped.
45	Flap operation mode	0000	Standard setting
		0001	Draft reduction mode (Flap swing lower-limit position is shifted upwards.)
46	Flap swing mode	0000	Smudging reduction mode (Flap swing upper-limit position is shifted downwards.)
		0001	Normal mode
		0002	Draft reduction mode (Flap lower-limit position is shifted upwards.)

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Item code	Item	Setting data																	
		No.	Description																
5d	Fan tap setting (Fan tap change in order to prevent drop in air discharge caused by filter installation)		DC fan tap operating mode																
			Purpose																
		0000	Standard	Standard (setting at time of shipping)															
		0001	High ceiling use	High ceiling setting 1 (with standard panel)															
			For low static-pressure filter	Ultra long-life filter, oil guard panel, ammonia deodorizing filter, optical regenerative deodorizing filter															
		0003	High ceiling use	High ceiling setting 2 (with standard panel)															
For low static-pressure filter	(Antibacterial) high-performance filter (90%) (Antibacterial) high-performance filter (65%) Air-cleaning unit, air-cleaning unit + optical regenerative deodorizing filter, deodorant (activated charcoal) filter																		
For air-blocking material	For 3-way discharge, when discharge duct is connected																		
0006	For air-blocking material	For 2-way discharge																	
5E	Humidifier ON time (ON time per 60 seconds)	0000	No humidifier output																
		0001	1 sec.																
		0002	2 sec.																
		{	}																
		0058	58 sec.																
		0059	59 sec.																
		0060	Continuously ON																
5F	Repeat timer switching	0000	Function disabled																
		0001	Function enabled																
60	Timer function change prohibit	0000	Function disabled																
		0001	Function enabled																
62	Smudging control	0000	No smudging control																
90	Setting the Flap Separately * Only for 4-way Cassette type	0000																	
		0001																	
		0002																	
91	Setting the Flap Separately * Only for 4-way Cassette type	0003																	
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93	Setting the Flap Separately * Only for 4-way Cassette type	<p>When the flap position is set to 4 or 5 and the unit is in the cooling or dry mode, the flap position is moved to 3 and the operation is started.</p> <p>NOTE The flap swings during the operation under "Setting the Flap Separately". At this time, the unselected flaps are moved to the position 1</p>																	